A Destiny of Service and Excellence

Fifty years ago, on September 6, 1932, to be exact, a small college opened its doors in Boise City. Through the diligent efforts of Bishop Middleton S. Barnwell of the Episcopal Church and, the persistence of countless and nameless others, the opportunity for young people to continue their education beyond high school became a reality. That Boise was in need of a higher education facility was noted several times by educators and study teams in the period of 1913 to 1930. The real amazement, however, is that when it finally happened, the birth of Boise State University came about in the midst of the great depression-three short years after the collapse of the stock market. And while public support has nourished and sustained the University through most of its fifty years, it can never be forgotten that the roots are in the Episcopal Church, an outgrowth of St. Margaret's girls school.

Boise Junior College - first as a private institution and then a public one - developed to become Boise College, then Boise State College and now Boise State University. Distinguished alumni, Rhodes Scholars, significant honors and an outstanding and dedicated faculty have enhanced the school over the years. The "can do" spirit of her origins remains and Boise State University continues to provide educational programs to a great number of people who otherwise would not have such opportunities.

Some people have been provided with opportunities but a significant number of other people also created those opportunities. The Episcopal Church, the early supporters, the faculty and staff, the Board members, the Chamber of Commerce and all the citizens of the city of Boise and the state of Idaho have made their contributions to "fifty years of service and excellence" at Boise State University. No great benefactor or rich oil or coal fields has placed such a fine school on the banks of the Boise River. Zeal, determination, pride, perseverance and perspiration have been the building blocks of Boise State. These traits have led to a BSU spirit that will not quit whatever the odds may be.

We are all the beneficiaries of this rich heritage and legacy. Yet we too have our continuing contributions to make so that when the 100th anniversary occurs in 2032, there is as much unselfishness to report for the next fifty years as there has been for the last fifty.

HAPPY ANNIVERSARY, BSU!

Boise Junior College in the 1940's

Boise State University today
Boise State University

CAMPUS MAP

PARKING CODE:
- Open
- Reserved
- All decals

All Campus Roads-Open
(All decals)

Stadium Lot-
Public Parking
(No decal required)

VISITORS PARKING

1. Towers Dormitory
2. Health Science Building
3. Visitors Center/
   New Student Information
   University Admissions Counseling
4. Allied Health Facilities
5. Minority Cultural Center/
   University Day Care Center
6. Radio KBSU
7. Political Science Center
8. University Courts
9. University Heights
10. University Manor
11. Science-Education Building
12. Campus School
13. Student Health Center
14. Mail Room
15. Science Building
16. Business Building
17. Administration Building
18. Library-Learning Center
18a. KAID-TV
19. Liberal Arts Building
20. Music Building
21. Heating Plant
22. Student Union Building
23. Special Events Center
24. Music-Drama Building
25. Driscoll Hall
26. Morrison Hall
27. Chaffe Hall
28. Gymnasium
29. Auxiliary Gymnasium (Pool)

Vocational-Education Center
Technical Education Center
Maintenance Building
Food Technology Building
Heavy Duty Mechanical Bldg.
Physical Plant-Central Receiving
Archeology
Music
Art-Ceramic & Photo
Classroom
Art Annex
R.O.T.C.
R.S.V.P.
Art Annex
Art Annex
Varsity Center
Bronco Stadium
Christ Chapel
Multi-Purpose Pavilion
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<tr>
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ADMINISTRATION

Board of Trustees

JANET HAY (term expires 1984) .......................................................... Nampa
J. CLINT HOOPES (term expires 1985) ............................................. Tetonia
CHERYL HYMAS (term expires 1987) .................................................... Jerome
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James G. Doss, Ph.D .............................................................. Associate Dean, School of Business
BOISE STATE UNIVERSITY
CALENDAR 1982-83
SUMMER SESSION 1982

June 4, Friday ........................................ Registration in Gymnasium, 3:00 p.m. - 7:00 p.m.
Foreign Language Placement Examination, LA-206, 1:00 p.m.
(Students can register for all summer sessions at this time).
June 7, Monday ........................................ Classes begin for 8-week, 10-week, and first 5-week sessions.
June 18, Friday ........................................ Last day to file with department for admission to candidacy for Masters Degree - Departmental office.
Last day to file application for graduation for Masters, Baccalaureate, and Two-year or less degrees, diplomas, and certificates - Registrar's Office.
June 21, Monday ....................................... Last day for request for Written Comprehensive Examination - Elementary Candidates.
July 5, Monday ......................................... Holiday.
July 9, Friday .......................................... First 5-week session ends.
July 12, Monday ....................................... Classes begin for second 5-week session.
(July 12 & 13) Written Comprehensive Examination for Option II - Elementary Candidates.
July 30, Friday ......................................... End of 8-week session.
“Last day to submit final signed copy of Master’s Project/Thesis and/or to submit Report of Culminating Activity form.”
August 13, Friday ..................................... End of 10-week session and second 5-week session.

FALL SEMESTER 1982

June 17-19, Thursday through Saturday New Student Early Registration - Student Union. To be eligible to participate, a student must submit an application and be accepted by BSU no later than June 8, 1982.
July 16, Friday ........................................ Bills will be mailed to students pre-registered for Fall Semester.
August 6, Friday ....................................... Last day for pre-registered students to complete financial arrangements and pay fees for Fall Semester.
August 18, Wednesday .................................. Last day to submit application for Fall Semester to be assured of prepared registration materials at the Priority Registration (August 27). Students submitting applications after this date will be able to register at Open Registration.
August 23, Monday ................................... Faculty responsibilities begin with meetings and course preparation activities.
August 25, Wednesday ................................. Residence halls open (Noon).
Student advising for continuing students (afternoon).
August 26, Thursday .................................. Student Orientation Program - Student Union.
Student advising (all day).
Drop/add for pre-registered students, 1:00 p.m. - 4:00 p.m. - Gymnasium.
Foreign Language Placement Examination, 2:00 p.m. - LA-206.
August 27, Friday ....................................... Priority and Open Registration in Gymnasium (see class schedule for registration times).
August 30, Monday ..................................... Classes begin. Open Registration and drop/add.
9:00 a.m. - 4:00 p.m. (Monday-Friday) and 6:30-8:00 p.m. (Monday-Thursday) Administration Building.
September 3, Friday .................................. Last day to register except by petition.
Last day to make class changes except with consent of instructor (4:00 p.m. close).
A fifty dollar ($50) late registration fee applies to all registrations after this date.
September 6, Monday .................................. Boise State opened for classes September 6, 1932).
September 7, Tuesday .................................. Registration by petition only.
Fifty dollar ($50) late registration fee applies to all late registrations.
September 17, Friday .................................. Last day to drop/add classes in first 8-week block courses.
September 20, Monday .................................. Last day to request for Written Comprehensive Examination - Elementary Candidates.
October 1, Friday ...................................... Last day to file with department for admission to candidacy for Masters Degree - Departmental office.
Last day to file for graduation for Masters, Baccalaureate and Two-year or less degrees, diplomas, and certificates - Registrar's Office.
October 6, Friday ...................................... Last day to withdraw, make class changes or register by petition.
October 11-12, Monday ................................ Written Comprehensive Examination for Option II - Elementary Candidates.
October 15, Friday ..................................... Mid-semester grades submitted. Notification of incompletes from previous semester. Last day to file application with department for final Masters written exam.
October 18, Monday ................................... Second 8-week block begins.
November 5, Friday .................................... Last day to drop/add second 8-week block courses.
November 8-12, Monday-Friday (1 week) Advising period for continuing students (enrolled Fall 1982).
Pre-registration period for students who have been advised.
Pre-registration materials available in Administration Building.
8:00 a.m. - 7:00 p.m. (Monday-Thursday) and 8:00 a.m. - 5:00 p.m. (Friday).
CALENDAR

November 10, Wednesday ........................................ Advising and pre-registration for new and returning students (not enrolled Fall 1982)
1:00 p.m.-7:00 p.m., Student Union.
To be eligible to participate a student must submit an application and be accepted by no later than
November 1, 1982.

November 13, Saturday ............................................. Final written exam for Masters Degree.

November 24, Wednesday ........................................... Last day for final oral and project/thesis defense.

November 25-28, Thursday ........................................... Thanksgiving (Holiday).
through Sunday

November 29, Monday ................................................ Classes resume.

December 10, Friday ................................................... Last day to submit final signed copy of Masters project/thesis and/or to submit Report of
Culminating Activity form.
Class schedules and bills will be available for students pre-registered for Spring Semester
Registrar’s Office.

December 13, Monday .................................................. Classroom instruction ends.

December 14, Tuesday .................................................. Remaining class schedules and bills for pre-registered students will be mailed.

December 14-18, Tuesday ............................................. Final Semester Examinations.
through Saturday

December 18, Saturday ................................................ Residence halls open (Noon).

December 20, Monday ................................................... Grade reports due to Registrar (Noon).

SPRING SEMESTER 1983

January 3, Monday ..................................................... Last day for pre-registered students to complete financial arrangements and pay fees for Spring
Semester.

January 3, Monday ..................................................... Last day to submit application for Spring Semester to be assured of prepared registration materials
at the Priority Registration (January 12). Students submitting applications after this date will be able
to register at Open Registration.

January 10, Monday .................................................... Student Orientation Program, Student advising.
Drop/add for pre-registered students - Gymnasium 1:00 p.m.-4:00 p.m.
Foreign Language Placement Examination, 2:00 p.m., LA-206.

January 12, Wednesday .............................................. Priority and Open Registration in Gymnasium.
(See class schedule for registration times).

January 13, Thursday .................................................. Classes begin. Open registration for evening classes only, 6:30-8:00 p.m. - Administration Building.

January 14, Friday ..................................................... Open Registration and drop/add, 9:00 a.m.-4:00 p.m. (Monday-Friday); 6:30-8:00 p.m., (Monday-
Thursday) - Administration Building.

January 21, Friday ..................................................... Last day to register except by petition.
Last day to make class changes except with consent of instructor (4:00 p.m. close). A fifty dollar ($50)
late registration fee applies to all registration after this date.

January 24, Monday .................................................... Last day for request for Written Comprehensive Examination - Elementary Candidates.
Registration by petition only; fifty dollar ($50) late registration fee applies to all late registrations.

February 4, Friday ..................................................... Last day to drop/add first 8-week block courses.
Last day to file with department for admission to candidacy for Masters Degree - Departmental office.
Last day to file application for graduation for Masters, Baccalaureate, and two-year or less degrees,
diplomas, and certificates - Registrar’s Office.

February 14 & 15 Monday & Tuesday ..................... Written Comprehensive Examination for Option II - Elementary Candidates

February 21, Monday .................................................. Washington’s Birthday (Holiday).

February 25, Friday ................................................... Last day to withdraw, make class changes or register by petition.

March 11, Friday ........................................................ Mid-semester grades submitted. Notification of incompleted from previous semester.
Last day to file application with department for final Masters written exam.
Second 8-week block begins.

March 14, Monday ........................................................ Spring vacation.

March 21-27, Monday ................................................... Classes resume.
through Sunday

March 28, Monday ..................................................... Last day to drop/add second 8-week block courses.

April 1, Friday ............................................................ Advising period for continuing (enrolled Spring 1983) students.
Pre-registration period for students who have been advised.
Pre-registration materials available in Administration Building. 8:00 a.m.-7:00 p.m. (Monday-
Thursday) and 8:00 a.m.-5:00 p.m. (Friday).

April 15, Friday .......................................................... Last day for final oral and project/thesis defense.

April 29, Friday .......................................................... Last day to submit final signed copy of Masters project/thesis with department.

May 6, Friday ............................................................ Last day to submit final signed copy of Master’s Project/Thesis
and/or to submit Report of Culminating Activity form.

May 9, Monday ............................................................ Classroom instruction ends.

May 10-14, Monday ...................................................... Final Semester Examinations.
through Saturday

May 15, Sunday .......................................................... Residence halls close (Noon).

May 16, Monday .......................................................... Commencement.

Grade reports due to Registrar (Noon).
### SUMMER SESSION 1983

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<th>Event/Action</th>
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<td>June 14, Tuesday</td>
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<tr>
<td>June 17, Friday</td>
<td>Last day to file with the department for admission to candidacy for Masters Degree-Departmental office. Last day to file application for graduation for Masters, Baccalaureate, and Two-year or less degrees, diplomas, and certificates-Registrar's Office.</td>
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<tr>
<td>July 4, Monday</td>
<td>Holiday</td>
</tr>
<tr>
<td>July 5 &amp; 6, Tuesday</td>
<td>Written Comprehensive Examination for Option II Elementary Candidates.</td>
</tr>
<tr>
<td>July 8, Tuesday &amp; Wednesday</td>
<td>First 5-week session ends.</td>
</tr>
<tr>
<td>July 11, Monday</td>
<td>Classes begin for second 5-week session.</td>
</tr>
<tr>
<td>July 29, Friday</td>
<td>End of 5-week session. Last day to submit signed copy of Master's Project/Thesis and/or to submit Report of Culminating Activity Form.</td>
</tr>
<tr>
<td>August 12, Friday</td>
<td>End of 10-week session and second 5-week session.</td>
</tr>
</tbody>
</table>

Downtown Boise is very close to the Boise State University campus.
From the bridge, into the world of learning.
General Information

Boise State University, located in the state capital, is Idaho's third and youngest university. From its beginnings under the sponsorship of the Episcopal Church in 1932, the institution has progressed from an independent non-profit academy through local and district to state control (in 1969). Recent years have seen significant growth of BSU's facilities, programs, and service to Idaho, particularly to area communities. Boise State now serves more than 12,500 students from a wide diversity of backgrounds, with the majority coming from the Treasure Valley area.

Boise State is organized into six schools: the School of Arts and Sciences, the School of Business, the School of Education, the School of Health Sciences, the Vocational-Technical Education School, and the Graduate School. Undergraduate degrees are offered in many fields, and graduate degrees are offered in elementary and secondary education, business administration, public administration and accounting.

The university has an extensive late afternoon, evening and weekend program which provides educational opportunity for full-time students who need to schedule classes at that time and for part-time students who are pursuing a degree while they are employed. The university provides many opportunities for professional and technical upgrading and retraining to the citizens of the Treasure Valley.
GENERAL INFORMATION

INSTITUTIONAL MISSION AND OBJECTIVES

Boise State is in every sense a community university taking its character from the dynamic center of business and government in which it is located. Students and faculty live, work, and recreate with the society at large, and the resources of the University are widely shared with those who live in the region. The community supports the University by offering its professional, government, and trade facilities as laboratories of learning, provides financial assistance, and cosponsors cultural and intellectual activities in the interest of academic excellence. Each of the Schools uses an advisory council comprised of local leaders in business, the professions, and government, while the University Community Arts Association, the University Community Health Science Association, the Alumni Association and the University Foundation provide additional aid, advice, and opportunities. This interaction markedly improves the quality of the educational experience for the student.

Boise State University exists to educate the individual, to ensure his development, and to enlarge his opportunity. The University creates the intellectual atmosphere to produce educated persons who are literate, knowledgeable of public affairs, motivated to become life-long learners, and capable of solving problems through the discipline in which they majored. Each student receives broad education to equip him for mobility in employment, social relevance, and informed, active citizenship. In addition to classroom instruction, life-long experience, and involvement at the workplace, the University provides a variety of informal learning opportunities for students. These include cooperative education/internships, self-government, participation in University committees, distinguished speakers’ programs and a variety of cultural, and civic events. Counseling, guidance, placement, testing, and health services are also available. Boise State University takes pride in providing a personalized and humanistic environment for students.

The University attracts and retains innovative faculty dedicated to excellence in teaching, creative in producing new knowledge, and generous in bringing their expertise to bear on society’s problems. They recognize that quality teaching is their primary role. Faculty are supported with conditions of employment conducive to open inquiry, efficient work, and strong library services which are so vital to quality of instruction and self-learning.

ACCREDITATION AND AFFILIATION

The university is a member of and fully accredited by the Northwest Association of Schools and Colleges. Permanent membership is also held in the College Entrance Examination Board and the College Scholarship Service Assembly.

A number of academic programs have additional accreditation or approval from the following organizations: American Assembly of Collegiate Schools of Business (AACSB), School of Business programs; the National Council for Accreditation of Teacher Education (NCATE), the National Association of State Directors of Teacher Education and Certification, School of Education programs; the Council on Social Work Education (CSWE); the National Association of Schools of Music (NASM); the National League for Nursing, the Idaho State Board of Nursing; the Committee on Allied Health Education and Accreditation (CAHEA) of the American Medical Association (AMA) in collaboration with the Joint Review Committees on Education in Radiologic Technology and Respiratory Therapy, and the American Medical Records Association; the Council of Dental Education and the American Dental Assistant Association.

UNIVERSITY LIBRARY

The University Library contains 265,000 volumes chosen by librarians and teaching faculty to support the curriculum and research needs of the University. The Library receives about 2000 current periodicals and more than 40 newspapers. The collections fill the shelves of the four floors of the Library Learning Center, which is located in the center of the campus and faces the Memorial Fountain and Mall. The building provides an attractive setting for reading, study and research. The Library provides study space for single individual carrels scattered throughout the book stack areas and in small study rooms. The building includes a number of features to facilitate use by handicapped students, and the staff will provide special help as appropriate.

Access to the Library’s collections is through the card catalog and the new COM (Computer-output Microform) catalog. As of July 1st, 1981 the Library discontinued filing cards for new book acquisitions into the card catalog; thus recently acquired books may be located only through the COM Catalog. Efforts are underway to transfer most of the card catalog entries to the COM Catalog; however, until record conversion is completed, one must search both the microfiche and card catalogs for a complete check of holdings.

Students are able to check out books and periodicals from the general collection at the main Circulation desk. Librarians and their assistants are available in the Periodicals area and at the main Circulation desk to help students locate periodicals and use microforms and microform readers.

Basic and advanced bibliographic service and assistance in use of both the Library and its resources are provided by the Reference Department. The Inter-library Loan section of Reference assists faculty and students in obtaining resources not available locally.
OUTREACH SERVICES AND PROGRAMS

The University expresses its concern for individual improvement, equal opportunity, economic efficiency, and civic responsibility by offering continuing education for adults, and community service programs.

The following programs and services are available at Boise State University to individuals, groups, firms, schools, and agencies:

SPECIAL SERVICES AND PROGRAMS

Conference, Workshop, Seminar, Institute Planning Assistance — The University offers help to groups and agencies in planning educational programs or in upgrading personnel in new techniques, knowledge, and skills.

Faculty and Staff Consultation Service — The faculty and staff of Boise State University stand ready to assist business, industry, educational institutions, governmental agencies, professional groups, and other community groups in solving their educational and training problems or in their research and development efforts.

Use of Facilities — Boise State University will make available meeting rooms and classroom facilities to the various community groups and agencies.

Reading Education Center — Individualized reading improvement programs will be arranged for students with specialized reading problems. This service is available during the Fall, Spring, and Summer terms.

Educational Media Services — A large collection of educational media materials is housed in the library. These teaching aids are available for the university faculty, the school teachers of the state, and the students in teacher education. Community organizations may use these media when available. Projectors, TV, and other audio-visual equipment are available for group use on the campus.

Data Processing Center — The Center for Data Processing, on the first floor of the Business Building, is a university-wide unit. Its primary mission is to provide computing and data processing service in support of the educational and administrative objectives of the university, and to encourage the use of data processing procedures throughout the university.

The Center for Data Processing is a service agency. All students, faculty, and staff are encouraged to make full use of the facilities. Appropriate charges are made to faculty and staff for funded projects. Rates are available from the Center for proposal purposes. Charges for data processing services are not made for university use.

Tours of facilities, equipment demonstrations, and in-service lectures about data processing are available upon request.

The Visiting Scientist Program — The School of Arts and Sciences has a number of faculty members who are willing to speak to high school science and mathematics classes. Each participant has prepared presentations of approximately 30 minutes on topics that would be appropriate for interested high school students. The Visiting Scientist Program is available without cost to the school. Presentations may be scheduled for single classes or collective classes. Speakers can be scheduled for one day only, but when necessary the presentation may be given as many as three times during that day. Three weeks' advance notice is necessary for proper scheduling.

Speaker's Bureau — As a service to the region and state, Boise State has organized a faculty and staff Speaker's Bureau, whose members have volunteered to present lectures and/or talks before community groups and organizations. A booklet listing speakers is available at the News Bureau, Phone 385-1577.

Public Affairs and Cultural Enrichment — Boise State University offers great variety in its program of public affairs and cultural enrichment with many events presented at no charge. Many of these offerings can be presented in your Idaho community. Some of the events that provide opportunities of participation and observation include:

- University Band
- Theatre Productions
- Opera Workshop
- Choirs
- Traveling Art Exhibits
- Concerts and Recitals
- Faculty Lecture Series
- Forums of Particular Arts
- BSU Community Symphony Orchestra
- Demonstrations in various fields of study
- Programs of outstanding artists and lecturers

Public Television is provided to residents of Treasure Valley from Boise State University licensee of station KAID-TV a non-commercial, public broadcasting station. The station produces and airs in color instructional TV programs for public education, higher education, and the community. Programs offer courses via TV for Boise State University as well as supplemental materials for several departments and individual course offerings. An affiliate of the Public Broadcast Service, the station also produces and airs public television programs of wide cultural and public interest to the citizens of Idaho.

INSTRUCTIONAL PROGRAM AND SPECIAL COURSES

Evening Program — The University offers academic, avocational, and vocational courses on campus for the many individuals in the community who seek to achieve their own personal educational objectives.

Weekend Program — This program is designed to make university offerings accessible to those people who are unable to attend day or evening classes.

Educational Talent Search — A satellite office of the federally-funded Talent Search program has been established in the Dean of Student Advisory Services Department (Room 111, Administration Building), The program encourages and aids low income youth between the ages of fourteen and twenty-seven in gaining entrance to post-secondary training or education of their choice. The recruiter/counselor will give information and some assistance in completing the necessary admissions/application forms and in securing financial assistance.

Evening Vocational-Technical Education Program — This program is designed to offer courses in a wide variety of occupational fields to upgrade those individuals currently engaged in the skill, craft, trade, or technology in which the courses are offered.

Adult Basic Education Program — Basic literacy training for adults in the community is offered in the Vocational-Technical School for those who desire to upgrade themselves to qualify for occupational entry and/or pursue high school instruction. Preparation for United States Citizenship, beginning reading for adults, and English as a second language are offered through the Adult Basic Education Program.

General Educational Development (G.E.D.) Training — As a part of the Adult Basic Education Program, the University offers instruction and prepares adults who wish to take the General Educational Development Test to qualify for the Idaho high school equivalency certificate.

Guided Studies Program — Boise State University has begun a program of guided studies that encompasses high school subjects for adults. Currently the courses include Algebra, Plane Geometry, General Mathematics, English I, II, and III, American Government, Social Studies, and Natural Science. These courses are taught on either a semester or short course basis, depending on the needs of the adult student. Other courses are available to the students on demand. These courses meet the State of Idaho and Veterans Administration approval requirements (Chapter 34, Title 38, U.S. Code — VAR 14253A2).

Special Interest Group Courses and Program — Offerings that have proved to be of significant and useful utility to various special interest groups, such as the engineers' workshop preparing participants for the state licensing examinations, are offered as a regular, periodic feature of the University's Instructional program.
HONORS PROGRAM

The Honors Program encompasses general education. The program provides a broad and comprehensive liberal arts background complementing the specialized education and training one obtains through the major departments. This includes topics in the sciences, humanities, and social sciences as generally indicated by the standard degree requirements.

The Honors Program student needs to consider the catalog requirements as minimal guidelines which can, and should be, amended when a stronger alternative is suggested.

While the Program aims at enrichment more than acceleration, through Advanced Placement, Summer Reading and extra courses, the Honors student may graduate in less than the usual four years.

Eligibility

Qualified students from all departments may participate in the program. Freshmen who have demonstrated unusual scholastic ability in high school are encouraged to participate. Each year approximately the upper five percent of the entering freshmen are eligible for the Honors Program. Such students are selected on the basis of high school grade point average, ACT scores, and recommendations of their counselors or teachers.

Students who are not admitted to the Honors Program upon initial enrollment at Boise State may apply at any time after the completion of the first semester. An Honors student may drop out of the program at any time within the existing university rules, and the Honors courses he/she has taken will be applied toward the General University Requirements for Graduation.

Honors Courses

Each Honors student takes special Honors courses, some of which are expected of all those enrolled in the program. These courses are taken in lieu of, rather than in addition to, the standard requirements. The student always pursues work in his/her own major department that will prepare him/her for a professional career. The Honors Program works cooperatively with the major department to provide the opportunity and stimulus for the student to realize his/her potential.

The following is a list of Honors Program courses presently available:

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>English</td>
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<tr>
<td>American History</td>
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<tr>
<td>Western Civilization</td>
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<tr>
<td>Mathematics</td>
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<td>Economics</td>
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<tr>
<td>Geology</td>
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<tr>
<td>Honors Colloquium</td>
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<tr>
<td>Honors Seminar</td>
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<tr>
<td>Independent Study</td>
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<tr>
<td>Summer Reading</td>
</tr>
</tbody>
</table>

Requirements

To graduate with Honors Program recognition, Honors students will take two courses in English Composition plus 18 hours of joint listed departmental Honors courses including one Honors course from each area, i.e., Area I, Area II, Area III, in addition to any student-directed Honors seminars from these areas. To meet the English Composition requirements, the Honors students will take two courses from the following: E 111, E 112, E 102, E 201, or any other writing courses with permission of the Honors Director. Each Honors student will be required to take a three-credit upper division interdisciplinary colloquium which carries the HP prefix. Each Honors student will complete a minimum of 30 semester hours of Honors credit.

Flexibility is an indispensable feature of the Honors Program. This is true of the Honors courses as well as of the individual student's program. Accordingly, the precise description and content of a specific course may vary from semester to semester. Current descriptions of Honors courses and Seminars are available in the regularly updated Honors Program Newsletter. For further information contact the Office of Continuing Education/Summer Sessions/Evening Programs.

INTERDISCIPLINARY STUDIES IN THE HUMANITIES

The Interdisciplinary Studies in the Humanities program has been created with the assistance of the National Endowment for the Humanities. The ISH is a coordinating unit in which faculty from varying disciplines and schools offer interdisciplinary taught courses. These courses focus on the humanistic element of the subject matter being offered. Presently, over 30 faculty members from 15 different disciplines (departments) in the Schools of Arts and Sciences, Public Affairs, Business, and Education participate.

At the center of the program is a "core" humanities course, Humanities: A View of the Nature of Man— an interdisciplinary course offered each year. Each semester additional "satellite" courses are offered with a special topics designation. These courses are chosen on the basis of their relationship to humanistic issues raised in the core class. These courses provide faculty the opportunity to develop innovative courses which cross traditional disciplinary boundaries. They offer the students the opportunity to further investigate humanistic issues from at least two perspectives. (See p. 27 for catalog description of the core class, Humanities: A View of the Nature of Man and the current class schedule for satellite classes.)

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION (WICHE)

WICHE Student Exchange Program — At the time this catalog went to press (March 62) consideration of continuation of the program for qualified Idaho residents who attend professional schools of physical therapy, occupational therapy, and optometry in cooperating western states was still under consideration in the Idaho legislature. For current information contact the Office of the Dean, School of Health Sciences, phone (208) 385-1787.
STUDIES ABROAD PROGRAMS

The Office of Studies Abroad, located in the Offices of the Department of Foreign Languages, has information about opportunities for work, study, and travel outside of the United States.

Boise State University is affiliated with the Northwest Institutional Council for Studies Abroad (NICSA), a consortium of universities which since 1969 sponsors liberal arts programs in London, England; in Avignon, France; and in Cologne, Germany. Students may enroll in these programs at BSU retaining BSU course numbers.

The Office maintains files and forms essential in applying for graduate student grants for studying abroad.

The BSU Campus in Spain offers a full year of academic study in its overseas campus in Oñate, Spain. This program, basically oriented towards the learning of Basque Language and Culture, also offers course work in Spanish language and literature. The year supplies a unique opportunity to live and study in a Non-English area, experiencing a culture different from our own. No language background is required. Groups leave in September each year. Vacation time for travel and study and tours to various parts of the Basque country enrich the experience.

NATIONAL STUDENT EXCHANGE PROGRAM

The National Student Exchange (NSE) Program is a consortium of over 60 state-supported colleges and universities that allow students to exchange for a limit of one academic year to a state supported institution in another area of the United States. The Exchange encourages participants to broaden their academic, social, and cultural awareness and provides Boise State students with options for educational travel and study at in-state tuition rates. Exchange students are assured that credits and grades received at the host institution are recorded at the home campus as part of their regular transcript.

To qualify, a participant must (1) be a full-time Boise State University student; (2) have sophomore or junior standing during the exchange; (3) have a minimum cumulative GPA of 2.50 at the time of application.

Additional information and application forms may be obtained from the National Student Exchange Coordinator in the Student Union Building.

RESERVE OFFICERS’ TRAINING CORPS — ARMY

Since 1977 military training has been offered at Boise State University by the Department of Military Science. Participation by men and women students in the program of instruction leading to a commission as a second lieutenant is voluntary and comprises four years and one summer camp or two years and two summer camps. The Department of Military Science strives to develop in students who have the essential qualities and attributes a capacity for leadership and to provide them with the basic working knowledge required of a young officer.

Financial Allowances and Uniforms

Students who qualify and are selected receive scholarships for one, two, three, or four years that pay for tuition, fees, books and laboratory costs each year and also provide $100 a month retainer pay for ten months each year. During the final two years all students receive $100 subsistence pay a month for up to twenty months. Texts and equipment are provided. Travel to and from summer camp plus food, quarters, and basic pay are paid by the government.

For more detailed information on enrollment benefits, and obligations see page 23-25 of this catalog and contact the Department of Military Science located at 1603½ University Drive, Boise State University.

SERVICEMAN’S OPPORTUNITY COLLEGE

The necessary mobility of people in military service has always been an obstacle to the completion of an educational program. "The Serviceman’s Opportunity College Program (SOC) represents a network of nearly 300 institutions of higher learning that recognizes the needs of servicemen and women and have indicated their intention to cooperate as to policies on admissions, transfers of credits and residency requirements. Their participation in an organized effort geared to opportunities for program completion represents a new commitment to education."

Boise State University endorses the Serviceman’s Opportunity College with the following qualifications:

1. Entrance into this program by a serviceman will be through a signed agreement between the student and the University, specifying responsibilities of both the student and the University.
2. The agreement shall terminate six years from date of approval or six months after serviceman's separation from active duty, whichever comes first.
3. The agreement (and thus the SOC Program) will be made available to those servicemen only who have successfully completed (with a GPA of 2.25 or above) fifteen (15) or more hours of college credit through B.S.U.
4. Residency requirements other than the initial 15 hours prior to the signing of the contract will be waived.
5. Acceptance of any serviceman into the SOC Program is contingent upon the agreement of the given department under whose jurisdiction that program lies.
6. No school or department shall be compelled to offer a SOC Program — such programs are voluntary

RELIGIOUS INTEREST COURSES

Since religious thought permeates nearly all disciplines of study, the University does not have a single department of religion. However, numerous departments within the University are examining the impact of religion as part of their academic quest for knowledge and understanding of the human condition.

Courses offered at Boise State University that emphasize the place and impact of religion in the study of civilization are listed below. The courses are open to all students on campus.

In addition, various departments offer special topic courses which emphasize the religious aspects of civilization. Students are advised to read carefully the class schedule each semester to check on the availability of such courses.

I. Systems of Thought
   PY 231 Philosophy of Religion
   PY 245 Metaphysics
   PY 247 Epistemology
   PY 249 Ancient Philosophy
   PY 251 Medieval Philosophy

II. History
   HY 324 Medieval Europe
   HY 310 The Reformation
   HY 331 Islamic Civilization
   HY 323 Early Christianity
   HY 327 Living Religions

III. Literature
   E 211 The Bible as Literature
   E 215 Far Eastern Literature
   E 217 Mythology

IV. Socio-Psychological Aspects of Religion
   SO 407 Sociology of Religion

V. Primary Sources
   GR 297 New Testament Greek
   L 297 Latin
GENERAL INFORMATION

STUDENT SERVICES

For questions related to Student Services, please direct inquiries to:

The Vice President for Student Affairs
Boise State University
1910 University Drive
Boise, ID 83725
(208) 385-1418

A variety of student services, programs, and activities are provided to help students achieve the maximum benefit from their university experience. These services are under the direction of the Vice President for Student Affairs (Room 112, Administration Building) and include new student orientation, admissions counseling, registration, career and financial assistance, special services, residential programs and facilities, health services, and Student Union activities.

New Student Orientation
The office of Admissions Counseling and Visitors Center, located at 2274 University Drive, coordinates campus activities for prospective students through campus visitations, correspondence, campus tours, and on-campus orientation programs prior to each registration. Other programs include summer early registration and advising, and a Fall Preview Day.

Student Rights and Responsibilities
Students enrolling in the university assume an obligation to conduct themselves in a manner compatible with the University's function as an educational institution. The Student Bill of Rights, Code of Conduct, and policies pertaining to organizations, use of facilities, judicial boards, activities, and related matters are contained in the Boise State University Student Handbook. Each student, as a member of the university community, is responsible for being familiar with these policies and regulations.

Academic Advising
To assist students to plan a program of study, to define their educational and career goals, and to clarify values is one of the faculty's primary concerns during registration and follow-up individual conferences. Faculty also help students become acquainted with the campus environment, influence their attitudes toward academic life, improve their personal study skills, and work towards their academic excellence. To ensure a successful educational experience, each student should establish early in his/her freshman year a close working relationship with his/her faculty advisor, a relationship that will facilitate the student's chances of successfully staying in the university and completing his/her degree in the normal four-year period.

Tutorial Assistance
The Dean of Student Services office (Room 114, Administration Building) provides additional academic assistance through student-to-student tutoring that complements classroom instruction. Any currently enrolled full or part-time student is eligible to receive tutorial assistance without charge if he/she is having a problem keeping up in a class. Student tutors are generally second year or upper division students who have completed and earned at least a "B" grade in the course they tutor. They are normally recommended by the professor of the course and are certified by their academic department. They work closely with the professor of the course they tutor and are trained to work with individuals and/or small groups of students by liaison faculty members and professional staff from the Dean of Student Advisory and Services office.

Reading and Study Skills
For students who need special help in reading, improving their study skills, and in career planning, the University offers a Reading and Study Skills course (TE-108) each semester for two academic credits. The course is designed to assist students at their own pace in notetaking, speed-reading, textbook study methods, vocabulary development, and test taking along with a one credit option on career planning. The course teaches a student survival in the college classroom and in many cases is the difference between success and struggle in the university environment.

Counseling and Testing Center
Students with personal, vocational, or educational concerns or problems may receive professional assistance in the Counseling Center (6th floor, Education Building) without charge if they are enrolled in six credit hours or more. In counseling, a student may discuss openly in strictest confidence and explore freely any problems or feelings that concern him/her. No information is ever released without the written permission of the student, and no report is ever made in any official university record. Both individual and group counseling are available to students to become more self-reliant and effective in their personal and social relationships.

The Center is also a designated testing agency for many evaluation programs, including the College Level Examination Program (CLEP), the American College Testing (ACT), and the Miller Analogies Test (MAT). A number of standardized tests of interest, general ability, and special aptitude are available and are more useful in stimulating self-analysis than in providing answers to problems.

Disabled Student Program
The University has made special efforts for over ten years to provide facilities, services, and program accessibility to physically disabled or handicapped students and staff. All but one of the main floors in each campus building can be entered via ground level approaches or ramps, and the upper floors of most academic or vocational technical classroom buildings are accessible by elevator. The campus itself is flat and has an abundance of curb cuts and ramps.

The Dean of Student Services office (Room 114, Administration Building) authorizes handicapped parking decals for eligible students and provides information and orientation to the university, class scheduling and registration assistance, interpreter and notetaker services as well as tutorial assistance and liaison with the Boise area office of the Idaho Vocational Rehabilitation Service. The office has limited equipment available for use by disabled students such as a TTY (208) 385-1454, portable wheelchair, tape recorder, crutches, and electric typewriters for testing. The Library has a talking calculator, Visualtek, Braille typewriter, and a dictionary and encyclopedia in Braille. There is also a close working relationship with the area office of Vocational Rehabilitation when individuals need other assistive devices.

Multicultural Center
The Multicultural Center (2256 University Drive) offers various academic, cultural, social, and recreational activities and events to all students. The Center was established to promote interaction, awareness, and cooperation between students, faculty, and people from the local community of all ethnic and cultural backgrounds. A Multicultural Center Board of students, faculty, and administrators coordinates the programs of the center.

Child Care Service
The University Child Care Service (2256 University Drive) provides day care for children aged 2½ through kindergarten age (5-6). This is an educational development program financed as a self-supporting project through parent-paid fees, donations, and USA assistance. Children of full-time students, part-time students, faculty and staff members are eligible. Half-day or drop-in service will be provided on a space available basis.

Veterans Services
The Office of Veterans Affairs (Room 114, Administration Building) provides liaison and advocacy services for eligible veterans, veterans' dependents, and their widows with the Veterans Administration Regional Office and various state agencies. Peer counselors in the office work with fellow veterans to assist with any problems associated with benefits or federal
forms, standards for satisfactory progress and attendance. Tutorial assistance for veterans, work-study positions, and admissions counseling are also available.

Student Health Service

The Student Health Service facility is located at 2103 University Drive directly across from the campus grade school. Clinic hours range from 9:00 a.m. to 4:00 p.m., Monday through Friday, each day class is in session. Outpatient medical care is rendered to full-time registered students within the capability of the facility at no additional cost after the general registration fee is paid. Minimal fees are charged for tests and procedures not within the capability of the Student Health Service. Patient referrals are made as necessary. The Student Health Service is equipped to care for over 90% of the student health care needs.

Medical Expense Insurance

All full-time students are automatically included in the health insurance program when they pay the full-time registration fee. Benefits become effective when fees are paid for the fall semester and continue until the first day of the spring semester. Spring semester benefits continue until August 30 of that year, and protection is effective during all vacation periods. Each full-time student is covered 24 hours a day during the policy period at home, school, or while traveling.

Students who are covered by a family or other plan may obtain a refund through application to the insurance agent for Boise State University. The university carries liability insurance coverage on all-campus and official functions including student activities.

Career Planning and Placement

The Career and Financial Services office (Room 123, Administration Building) offers career information, advising, planning, and placement opportunities to all students and alumni. Some of the equal opportunity services provided include:

1. Assistance in identifying and making a career choice;
2. A college resource library of information, recruiting literature, the College Placement Annual, and other career references (Room 124, Administration Building);
3. A placement credential file where students may assemble a permanent file of vocationally significant data at a time when professors and administrators easily remember them. Copies of the file are sent to prospective employers upon request of the student. Credential files should be established early in the year of graduation;
4. On-campus interviews with representatives from business and industry, government agencies, school districts, and graduate schools for graduating students and alumni. Many other employment notices are listed through this office, and numerous directories of possible employers are available.

Student Union Building

For students, one of the most important buildings on campus is the Student Union. It is the focal point of student life and activities on campus. It serves as the campus community center for a wide range of services and programs to meet the social, recreational, and cultural needs of BSU students, faculty, staff, alumni, and campus guests. The building includes an information center; a recreational area with amusement games, bowling alleys, billiards, and outdoor recreation equipment; lounges, meeting rooms, a style shop, the campus bookstore, a ballroom, several eating facilities, the main dining room, student government offices, student newspaper offices, and the alumni office. A Board of Governors of students and staff decides the policies regarding building usage and general programs.

Student Government

The Associated Students of Boise State University (ASBSU) strives to represent the interests of all full-time BSU Students and to encourage active student participation in university life. The ASBSU sponsors and promotes a well-rounded program of education, cultural, social, and recreational activities.

The Executive branch of the ASBSU includes the president, who acts as the voice and representative of the students at university functions; the vice-president who is the chief officer of the senate; and the treasurer who administers the budget. The Senate, as the legislative branch, consists of 10 senators elected in campus-wide balloting. This body develops and coordinates activities, passes legislation for the general welfare of all students, and grants recognition and funding to student groups. The Judiciary determines the constitutionality of questions brought before it by individuals and organizations. Advisory and governing boards serve as vehicles for student input on vital policy and administrative decisions that affect the ASBSU and the university.

Student Organizations and Activities

There are over 90 ASBSU recognized student organizations on campus representing a variety of interests and concerns. These organizations include special interest groups which vary from chess and ethnic interests to Judo and women's studies, professional honoraries representing every major field from social work to business, service and campus honoraries, religious organizations, fraternities and sororities, as well as ASBSU sponsored services such as The University News, the official student newspaper; KBSU-FM, a non-profit student owned and operated radio station; Student Programs Board which presents films, fine arts performances, lectures, and concerts, and the National Student Exchange.

International Student

The Associate Dean of Admissions (Visitor's Center) is the international student advisor and is responsible for immigration requirements concerning the visa status, and initial academic advising, orientation, and registration of all non-U.S. citizens on the campus. All new international students must report to the Associate Dean of Admissions as soon after arrival as possible. This office provides assistance and a central contact and information source to over 100 registered foreign students. The International Student Organization provides opportunities for American and Foreign Students to meet, exchange views, and become better acquainted.

Athletics

The intercollegiate athletic program at Boise State University provides the opportunity for qualified students to engage in an outstanding program of competition with other universities and colleges of the National Collegiate Athletic Association (NCAA), Division IAA, Big Sky Athletic Conference for men and the Association of Intercollegiate Athletics for Women (AIAW) and Northwest College Women’s Sports Association (NCWSA) for women.

It is the philosophy of the Athletic Department to offer student athletes the best possible coaching, equipment, facilities, and competition available to allow them to reach their full potential. The university fields men’s teams in football, basketball, track, wrestling, tennis, cross-country, and golf while the women’s intercollegiate sports include basketball, gymnastics, track, field hockey, tennis, cross-country, and volleyball.

Intramurals

The Intramural Sports Program offers an extensive selection of sports and recreational activities to suit the interests and abilities of every student, faculty and staff member. Physical Education facilities are also available for recreational use by students, faculty and staff when classes, varsity, and intramural activities are not scheduled.

Intramurals provide an opportunity for competition in all types of sports for men, women, and coed groups including powderpuff football, softball, track, tennis, basketball, cross-country, volleyball, soccer, bowling, and swimming. For individual or informal group recreation the swimming pool, weight room, two gymnasiums, playing fields, handball courts, and bowling alleys are available at posted times.
GENERAL INFORMATION

Alumni Association

The Boise State University Alumni Association was incorporated as a voluntary organization in 1967. Its membership includes all individuals who have completed two semesters or more at the University. Members in good standing have paid annual dues of $15.00 per year and are entitled to receive the following benefits: alumni news publications; placement services; use of the Student Union, Library, and swimming pool; discounted alumni tours; group insurance program; invitations to all social functions and activities and other services.

The Association seeks to promote interest in and support of the University, maintain contact with graduates and former students, and provide benefits to students and alumni. Some of these services include: scholarships for outstanding and deserving students; theatre programs; grants of money for special student-faculty projects; and participation in several campus gatherings during the year such as Homecoming; annual Spring Dinner/Dance; Academic Awards Banquet; Golf Tournament; Regional meetings, and the Annual Pre-Game Reception at the Union Pacific Depot Gardens for all alumni and friends of the University.

Any corner of the campus delights the eye with lawn and trees.
ADMISSIONS INFORMATION

UNDERGRADUATE ADMISSION REQUIREMENTS

For questions related to Admissions Requirements, please direct inquiries to:

The Office of Admissions
Boise State University
1910 University Drive
Boise, ID 83725
(208) 385-1156

ADMISSION AS REGULAR UNDERGRADUATE STUDENTS

Admission to the University is based upon credentials showing graduation from an accredited high school. High School Equivalency Certificates or acceptable General Education Development (GED) scores (35 or above on all five tests with an average of 45 or above for all tests) will be accepted in lieu of a high school transcript.

Applicants for admission whose credentials have been accepted will be given permission to register for the following semester. Students should plan to have all credentials submitted one month prior to registration to settle any questions that may arise and to receive by mail before registration a Certificate of Admission.

Matriculation is the processing of all required items necessary for regular enrollment as a full-time student at Boise State University.

New Freshmen (no credits earned since graduation from high school).

Students wishing to enter as full-time (8 or more semester hours) fully matriculated academic students must be at least 16 years of age and submit the following prior to the deadline date:

1. A completed application
2. A $10 matriculation fee (the matriculation fee may be waived by the Admissions Office in documented cases of financial need and/or scholastic excellence).
3. An official High School transcript showing date of graduation or a GED Certificate showing acceptable test scores.
4. American College Test (ACT), Scholastic Aptitude Test (SAT), or Washington Pre-College (WPC) test scores.

Permission to enroll full-time is contingent upon satisfaction of all matriculation, academic, and financial requirements set by Boise State University.

Transfer Students (Prior enrollment at one or more post-high school institutions)

Students entering from other colleges or universities must present proof of honorable dismissal and official transcripts mailed directly to the Dean of Admissions. Students entering from other institutions must comply with the same scholastic regulations as are applied to students previously enrolled at the University. After evaluation of transcripts, students are classified as Freshmen, Sophomores, Juniors, Seniors, or Graduates.

In accordance with Idaho statutes as approved by the State Board of Education, the acceptance of credits from Junior College is uniform for both certification and transfer purposes and no more than 64 credit hours or ½ the total hour requirement of the specific curriculum is established as the uniform maximum limit effective September 1, 1950.

Transfer students wishing to enter as full-time (8 or more semester hours) fully matriculated academic students must submit the following prior to the deadline date:
ADMISSIONS INFORMATION

1. A completed application
2. A $10 matriculation fee
3. Evidence of high school graduation or a GED certificate showing acceptable test scores.
4. ACT, SAT, WPC test scores or evidence of successful completion of English Composition sequence.
5. Official 1 transcripts from all previously attended colleges showing good academic standing.

A transfer student, whether resident or non-resident, must have a minimum GPA of 2.00 or above on all prior collegiate work completed or have cleared the probationary provision outlined under page 27 Academic Probation and Disqualification. All decisions relating to admission of foreign students will, however, be made by the Foreign Student Admissions Office.

1An "official" transcript is one certified by the issuing institution and mailed by that institution directly to the BSU admissions office.

Veterans

Students wishing to enter and receive G.I. Bill benefits must matriculate fully and meet all requirements for either freshmen or transfer students listed previously. Veterans attending under the G.I. Bill (Chapter 34) or under the Dependence Educational Assistance (Chapter 35 - widows, orphans and children of 100% disabled veterans) can apply for their benefits through the Office of Veterans Affairs on the Boise State University campus. Chapter 31 (rehabilitation program) veterans must be counseled by a Vocational Rehabilitation counselor at the V.A.

Chapter 34 veterans and Chapter 35 eligible persons are required to pay all tuition and fees at the time of registration. Chapter 31 veterans must present an Authorization of Entrance.

For more information, refer to Page 19 of this catalog.

Former Boise State Students

To be readmitted to the University after an absence of one semester or more, students must submit the following prior to the deadline date:

1. A completed application
2. Official 1 transcripts from all colleges attended since the last BSU enrollment.

Part-time Students

Undergraduate students wishing to enter part-time (7 or fewer credit hours) must submit a completed application form, but are not required to meet the other matriculation requirements. However, students who intend to pursue a degree objective on a part-time basis are encouraged to meet all Admission requirements. Veterans wishing to receive G.I. benefits must submit official transcripts from all previously attended colleges prior to being certified eligible for benefits.

Summer School Students

Students wishing to attend Boise State University during the summer session(s) only must complete an application, but are not required to meet other matriculation requirements.

ADMISSION AS SPECIAL UNDERGRADUATE STUDENTS

Persons who are unable to meet requirements as regular students and desire to take special studies may be admitted on special status upon presentation of satisfactory evidence that they are qualified to do college-level work. Normally, special status will not be granted to anyone less than 18 years of age unless, following a personal interview with the Dean of Admissions, it is deemed in the best interests of the student. Students admitted on special status are encouraged to complete matriculation requirements within the first semester of attendance. A special student is not eligible to become a candidate for graduation until he has satisfactorily met entrance requirements or until he has completed 32 semester hours of work at the University with a GPA of 2.0 or better.

High School Students

Any currently enrolled high school student may enroll part-time if he has met the appropriate prerequisite and his application for admission has been approved by the Dean of Admissions. Registration at BSU must be determined to be in the best interests of the student and must not interfere with progress toward high school graduation.

ADMISSION AS VOCATIONAL TECHNICAL STUDENTS

The School of Vocational-Technical Education normally admits applicants to regular full-time preparatory programs who are high school graduates or who have successfully completed the GED tests. Any person who is interested in becoming a skilled craftsman or technician will be admitted to those courses if he complies with all admission requirements and meets the qualifications for the designated program. Graduation from high school is not necessary provided the student has been out of high school at least one complete semester. Certain prerequisite courses are required for various programs such as one year each of high school algebra and geometry for entrance to the Drafting or Electronics Technology programs. The University does not admit applicants under 18 years of age who are attending high school at the time of application unless his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extra-curricular activities must meet regular entrance requirements (see eligibility requirements).

Students wishing to enter BSU in the Vocational-Technical School must submit prior to the deadline date:

1. A completed application
2. A $10 matriculation fee
3. General Aptitude Test Battery (GATB) scores or high school transcripts with Differential Aptitude Test (DAT) scores
4. Personal interview
5. $75 advanced security registration deposit

Caution: Due to limited space in many programs, a place cannot be guaranteed until both the interview is completed and the security deposit is received.

Graduate Students

GRADUATE (See Graduate School section for specific graduate program information)

1. All students holding a bachelor's or higher degree must submit a graduate application for admission.
2. All graduate students, except the exemptions listed below, must submit official transcripts from each post-high school institution attended directly to the Graduate Admissions Office.
Exemptions: Students attending part-time (7 or less credits) pursuing general graduate study or undergraduate courses of interest.
3. All graduate students attending full time (8 or more credits) and all students pursuing a master's degree must also pay a $10 non-refundable matriculation fee. (Full-time graduate students who receive their undergraduate degree at B.S.U. are exempt from the $10 fee, UNLESS they are pursuing a master's degree.)
Note: Students pursuing the MPA, MBA or MS-Accounting programs will be mailed a Data Form which should be returned to the address on the form. MBA and MS-Accounting students will also need to have GMA (scores on file with the Graduate Admissions Office) before they can be evaluated for acceptance into the graduate program they are pursuing.

FOREIGN STUDENTS

Boise State University accepts qualified students from foreign countries to the extent that space is available. Foreign applicants are expected to meet the requirements for admission from high school or from other colleges or universities as outlined above under Admission Requirements to the University.

Credentials: Official transcripts and/or certified copies of the certificate, diploma, or government examination report received on completion of secondary school work and the degree, license, or diploma received on completion of any college or university must be sent by the certifying agency directly to the Admissions Office and must be translated into ENGLISH.
English Proficiency: All foreign applicants are required to take and receive a satisfactory score on TOEFL (Test of English as a Foreign Language) or other examinations acceptable to Boise State University. Arrangements to take the TOEFL examination may be made by writing directly to TOEFL, Educational Testing Service, P.O. Box 592m Princeton, New Jersey 08540, U.S.A. The test must be taken and scores received by the University prior to a decision on admission of the applicant.

Admitted Students: Upon arrival at the University, foreign students will be examined again with the Comprehensive English Language Test (CELT). Results achieved will determine their placement level in the English as a Second Language program.

Academic Advising: Advising in academic matters is provided to foreign students by the Foreign Student Admissions Office until such time as they meet the English language requirements for a degree program.

Financial Statement: All foreign students must present to the Foreign Student Admissions Office satisfactory statements of finances and adequate proof of financial responsibility or sponsorship by a reputable American citizen or organization for all financial obligations while attending Boise State University.

Health and Accident Insurance: Boise State University requires that all full-time students be covered by health and accident insurance. Such insurance is included as a part of general tuition and fee schedules for pre-registered students by the deadlines established prior to the beginning of each semester. (Please see Academic Calendar, Tuition and Fee Schedule for purposes of calculating charges.)

Admission to Graduate School: Foreign students applying for admission to the Graduate School must submit all of the previously mentioned admission materials. Those wishing to major in Business Administration must submit GMAT scores (Graduate Management Admissions Test). The score on the GMAT is considered together with the GPA to determine admissibility of the student to the MBA Program. A TOEFL score of at least 525 must be achieved.

Upon completion of all requirements and the granting of final acceptance to the applicant, the Foreign Student Admissions Officer will issue an I-20 form.

TUITION AND FEES

For questions related to Tuition and Fees, please direct inquiries to:

Business Office
Boise State University
1910 University Drive
Boise, ID 83725
(208) 385-3636

All of the fees, tuition, and other charges are due and payable for pre-registered students by the deadlines established prior to the beginning of each semester. (Please see Academic Calendar, Page 5 & 6 for exact dates). These fees and charges for students registering during open or late registration are due and payable on the day the registration occurs. Board and room charges may be paid in advance for the year or arrangements may be made to pay in advance on a partial payment basis by consulting the Director of Student Residential Life (see section under Student Housing).

Tuition and Fee Schedule

Eight or more hours made up of any combination of credit, audit, equivalent, and/or repeat hours will be considered a full schedule for purposes of calculating charges.

All fees, tuition, and other charges are subject to change at any time by the State Board of Education acting as the Board of Trustees for Boise State University.

<table>
<thead>
<tr>
<th>Full-fee</th>
<th>Resident</th>
<th>Non-Resident</th>
<th>Foreign Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$ 0.00</td>
<td>$850.00</td>
<td>$ 900.00</td>
</tr>
<tr>
<td>(Per Semester)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institutional Fees (Undergraduate)</td>
<td>344.50</td>
<td>344.50</td>
<td>344.50</td>
</tr>
<tr>
<td>Institutional Fees (Graduate)</td>
<td>429.50</td>
<td>429.50</td>
<td>429.50</td>
</tr>
</tbody>
</table>

**Payment of full-fees does not necessarily constitute full-time enrollment. Please see page 25 for tuition hour requirements.**

Idaho Residency Requirements for Fee Purposes

The legal residence of a student for fee purposes is determined at the time of initial application for admission and will be reconsidered, thereafter, upon appeal by the student. Appeal affidavits can be obtained in the Admission's Office. Section 33-3717, Idaho Code, specifies that a resident student shall be:

(a) Any student whose parents or court-appointed guardians are domiciled in the state of Idaho and provide more than fifty percent (50%) of his support. Domicile means an individual's true, fixed and permanent home and place of habitation. It is the place where he intends to remain and to which he expects to return when he leaves without intent to establish a new domicile elsewhere. To qualify under this section, the parents or guardian must be residing in the state on the opening day of the term for which the student matriculates.

(b) Any student, who receives less than fifty percent (50%) of his support from parents or legal guardians who are not residents of this state for voting purposes and who has continuously resided in the state of Idaho for twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

(c) Any student who is a graduate of an accredited secondary school in the state of Idaho, and who matriculates at a college or university in the state of Idaho during the term immediately following such graduation regardless of the residence of his parent or guardian.

(d) The spouse of a person who is classified, or is eligible for classification, as a resident of the state of Idaho for the purposes of attending a college or university.

(e) A member of the armed forces of the United States, stationed in the state of Idaho on military orders.

(f) A student whose parent or guardian is a member of the armed forces and stationed in the state of Idaho on military orders and who receives fifty percent (50%) or more of support from parents or legal guardians. The student, while in continuous attendance, shall not lose his residence when his parent or guardian is transferred on military orders.

(g) A person separated, under honorable conditions, from the United States armed forces after at least two (2) years of service, who at the time of separation designates the state of Idaho as his intended domicile or who lists Idaho as the home of record in service and enters a college or university in the state of Idaho within one (1) year of the date of separation.

(h) Any individual who has been domiciled in the state of Idaho, has qualified and who otherwise be qualified under the provisions of this statute and who is away from the state for a period of less than one (1) calendar year and has not established legal residence elsewhere provided a twelve (12) month period of continuous residence has been established immediately prior to departure.

Other Fees

| Part-time (undergraduate courses) | $42.50 per semester hour |
| Part-time (graduate courses) | 50.00 per semester hour |
| Summer (undergraduate) | 42.50 per semester hour |
| Summer (Graduate courses) | 50.00 per semester hour |
| Non Resident Tuition (Part-Time) | 30.00 per semester hour |
| Application Processing Fee | 10.00 (Non-refundable) |
| Late Registration Fee | 50.00 |

(To apply when petition is required to register)

Testing Fee:

Students who have not taken an ACT, SAT or WAC test on a regular national testing date may take the Test of Standard Written English (TSWE):
ADMISSIONS INFORMATION

During registration week ........................................ 33.00
Duplicate Activity Card ........................................ 5.00
Music, Performance Fee: ........................................ per semester
All private music lessons:
2 credits .......................................................... 55.00
4 credits .......................................................... 110.00

Waivers of Music Performance Fees will be granted to music majors enrolled for 8 credit hours or more for all required private performance study leading to a B.A. or B.M. degree. Students receiving this fee waiver must be concurrently enrolled for credit in a major ensemble and in Concert Class. Students must receive a grade of "C" or better in the ensemble and a grade of "S" in Concert Class. Unsatisfactory grades at mid-term will result in cancellation of the fee waiver for the entire semester.

All students receiving this fee waiver must be making satisfactory progress (C grade or better) in private performance study to be eligible for a fee waiver the following semester.

Students receiving this fee waiver on an instrument leading to a proficiency examination must attempt the examination at the end of the first year of study and each semester thereafter until successful completion. No more than four semesters of fees for this purpose will be waived.

Special Workshop Fees

Special workshops are conducted throughout the year which are not part of the regularly scheduled courses funded through the University General Fund Budget. All students, regardless of full-fees or part-time status, will be required to pay the Special Workshop Fees which are set in relation to the expenses required to conduct the course. Registration for these workshops will not change the status of a student for fee purposes.

Insurance Coverage

All students paying full fees are required to take insurance coverage which is paid with regularly assessed institutional fees. Students who are covered by family or other plans may obtain a refund through application to the insurance agent for Boise State University. A waiver of this purpose will be waived.

Special Workshop Fees

Special workshops are conducted throughout the year which are not part of the regularly scheduled courses funded through the University General Fund Budget. All students, regardless of full-fees or part-time status, will be required to pay the Special Workshop Fees which are set in relation to the expenses required to conduct the course. Registration for these workshops will not change the status of a student for fee purposes.

Insurance Coverage

All students paying full fees are required to take insurance coverage which is paid with regularly assessed institutional fees. Students who are covered by family or other plans may obtain a refund through application to the insurance agent for Boise State University.

Boise State University carries liability insurance covering all on-campus and official functions including student activities.

Refund Policy

When a regularly enrolled student withdraws from Boise State University, a refund of registration charges including non-resident fees will be on the following basis:

<table>
<thead>
<tr>
<th>Before Classes</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>During first 2 weeks of classes</td>
<td>75%</td>
</tr>
<tr>
<td>During 3rd and 4th week of classes</td>
<td>50%</td>
</tr>
<tr>
<td>After 4th week</td>
<td>No Refund</td>
</tr>
</tbody>
</table>

This policy also pertains to part-time students, including special evening classes. No special consideration is given to late registrants in extending the refund policy. The University reserves the right to deduct from the refund any outstanding bills. An itemized statement of deductions will be forwarded with the refund check. Upon completion of the withdrawal process, a refund check will be prepared and issued in approximately two to three weeks from date of withdrawal.

Students who withdraw during the refund period and have used student aid funds to pay all or part of registration fees, tuition, or room and board costs will be refunded only the amount proportionate to the amount paid with personal funds. The rest of the refund will be returned to the appropriate student aid fund.

No private music lesson refunds will be allowed after the open registration/free drop add period.

FINANCIAL AID

For questions related to Financial Aid, please direct inquiries to:

Financial Aid Office
Boise State University
1910 University Drive
Boise, ID 83725
(208) 385-1664

The primary purpose of financial aid is to provide financial assistance and counseling to students who would be unable to attend Boise State University without such help. Financial aid is available to fill the gap between the student's potential resources and yearly educational expenses. The primary responsibility for meeting educational costs rests with the individual student and/or parents.

Boise State University has a comprehensive financial aid program which includes a variety of types of scholarships, loans, grants, and part-time employment.

If a student is a U.S. citizen or permanent resident, enrolls for at least 6 semester credit hours at Boise State University, and shows financial need, the student is eligible for financial aid. Financial aid is determined by careful analysis of financial resources from information furnished on the Financial Aid Form (FAF) submitted to College Scholarship Service (CSS). A uniform method approved by the U.S. Office of Education determines a student's financial need. Every attempt is made to ensure fair distribution of the resources available to the University.

Application Procedures

To be eligible for financial aid, the student must be admitted to the University into an academic or vocational technical program and submit the following forms:

1. Financial Aid Form (FAF) — Submit to College Scholarship Service (CSS) in Berkeley, California, with a check or money order. Three to four weeks are required for processing. These forms are available in January.

2. Boise State University Application for Financial Aid (BSU-FAA) — This must be submitted directly to Career and Financial Services.

3. Undergraduate students wishing to apply exclusively for Pell Grants (formerly BEOG program) should use the Application for Federal Student Aid instead of the Financial Aid Form.

4. BSU Application for Scholarship (Optional) — This form must be submitted to apply for most scholarships available through the University. It should be sent directly to the office of Financial Aids. "Boise State University Scholarships" brochure lists scholarships available through Boise State University.

5. Students who have attended other colleges or universities must submit a financial aid transcript from all institutions attended.

Application deadlines:

March 1 — Scholarships
April 1 — Need-Based Aid

*Must be sent to CSS by March 1.

If all documents required have not been received in the Office of Financial Aids by these deadlines, any consideration for financial aid will be on a first come first served basis in the event of remaining funds. Applications received after July 1 may not be processed until after the beginning of Fall Semester.

Financial Aid Programs

Pell Grants (Formerly BEOG) are available to undergraduate students with documented financial need. This is intended to be a foundation to which other need-based aid may be added. Approximately 6 weeks after the FAF is filed, a Student Aid Report (SAR) will be mailed to the student from the Basic Grant Office. All copies must be submitted to the Office of Financial Aids immediately before award processing can begin. If Pell Grants alone are not sufficient to meet educational expenses, other types of aid are described below.

Supplemental Educational Opportunity Grants (SEOG) and State Student Incentive Grants (SSIG) are awarded to undergraduate students who show exceptional financial need. National Direct Student Loan (NDSL) is a long-term, low interest (4%) loan that must be repaid to the University according to specific Federal guidelines. Repayment doesn't begin until 6 months after graduating or dropping below 6 credit hours. NDSL is awarded to both undergraduate and graduate students who show need. College Work Student Program (CWSP) provides an opportunity for students to work to pay for a portion of their educa-
tional expenses. Paychecks are made directly to the student who is then responsible for paying outstanding debts. CWSP is awarded to undergraduate and graduate students who are considered to be out-of-state residents for tuition purposes, have good academic records, and show need.

Waivers of Non-Resident Tuition are available to a limited number of undergraduate and graduate students who are considered to be out-of-state residents for tuition purposes, have good academic records, and show need.

BSU Student Employment Program has limited funds available for undergraduate and graduate students who are unable to qualify for CWSP, but who desire to work to pay a portion of their educational expenses.

Scholarships may base on academic achievement, special skills, talent, or a combination of financial need and academic achievement.

University Club Awards are available to a limited number of incoming freshmen who are Idaho residents. These awards are given annually in recognition of academic achievement, leadership, performing arts, or special talent. For more information, contact the Office of University Admissions Counseling, 1910 University Drive, Boise, ID 83725.

State of Idaho Scholarship Awards are available to incoming freshmen who are Idaho residents. Applications can be obtained from the high school counselor or the Office of the State Board of Education, 850 West State Street, Boise, Idaho 83702.

Federally Insured Student Loans (FISL) or Guaranteed Student Loan are long-term moderate interest (9%) loans available to undergraduate and graduate students, negotiated through the student's personal bank, credit union, savings and loan or other participating lender. A special application form is required on which the University must provide information for the lender. This form is available at the Office of Financial Aid. Repayment does not begin until 6 months after graduation or dropping below 6 credit hours. Non-residents should use loan forms appropriate for their state. Students with family incomes over $30,000/year are required to show financial need to be eligible. Photocopies of tax returns are required to verify income level.

Short Term Loans are available to students with a minimum GPA of 2.00 who experience an emergency during an academic term. A special application form is required. Repayment of the loan must be made within 90 days.

Nursing Program students are eligible for a low interest loan or non-repayable grant aid if they show financial need. To be eligible, students must file the FAF and apply for the Pell Grant (BEOG).

Bureau of Indian Affairs and Idaho Migrant Council Tuition Assistance Program require special application forms which are available through the Office of Financial Aid.

Financial Aid Eligibility Requirements
Notification of financial aid awards are mailed to scholarship applicants in May and need-based financial aid applicants in June. The "reply letter" must be signed and returned to the Office of Financial Aid within 30 days in order to receive the funds. Students must reapply by the deadline each year to be considered for a financial aid award.

Students who receive any type of financial assistance have a responsibility to make satisfactory progress in their course of study. Such aid can be withdrawn by the University if the recipient does not meet enrollment or academic requirements.

Summer Session
The University has financial aid available on a restricted basis during the summer. Students in need of financial aid who are planning to attend summer session should consult with a Financial Aid advisor when he/she is making summer plans.

How Does Academic Probation Affect Financial Aid Eligibility?
Financial Aid policies require that students receiving financial assistance must make satisfactory academic progress. If a student is on academic probation for two consecutive semesters or fails to earn at least 12 credit hours in two consecutive semesters, financial aid eligibility will be automatically suspend-
ADMISSIONS INFORMATION

B. 7 day/14 meals (lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday)
C. 5 day/10 meals (lunch, dinner, Monday through Friday)

1981-82 Prices

<table>
<thead>
<tr>
<th>Meal Options</th>
<th>Residence Rooms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Double:</td>
<td>$1970</td>
</tr>
<tr>
<td>Single:</td>
<td>2280</td>
</tr>
</tbody>
</table>

Above prices include phone service and state sales tax. There is no refund or "carry-over" of meals not eaten in the dining room.

In addition, all residence halls require a program fee which is a part of the room and board payment. This fee is used for programs, activities, and various types of interest group projects desired by the students.

The residence halls normally are closed during semester break and spring vacation. Meal service is suspended and the Snack Bar is closed. Students staying in their rooms at the residence halls during these holidays must obtain permission from their Resident Director and will be charged on a per day basis.

Any students who receive a refund and who have been recipients of financial aid which has been applied towards their housing payments must assume the responsibility for repaying the appropriate financial agency from which they received their funds.

Application Procedure

All inquiries requesting housing information and application/contracts should be sent directly to:

The Office of Admissions
Counseling
Boise State University
1910 University Drive
Boise, ID 83725
(208) 385-1401

Completed application/contracts should be returned with the $60.00 deposit to:

Student Residential Life
Boise State University
1910 University Drive
Boise, ID 83725

ACCEPTANCE AND PROCESSING OF THE HOUSING CONTRACT BY THE OFFICE OF STUDENT RESIDENTIAL LIFE DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE UNIVERSITY, AND APPLICATION FOR ADMISSION IS NOT AN APPLICATION FOR HOUSING.

Hall and Room Assignments

Halls and rooms are assigned on an adjusted priority system, date of application and deposit and acceptance by the University. Returning residence hall students have housing priority over new applicants. If a specific person is desired as a roommate, the two persons concerned should be certain that their applications are received about the same date. If no specific request is made for a roommate, it will be assumed that the applicant will accept the person assigned. The preferences indicated by the student on the application/contract regarding the desired hall, room size, etc. are not binding but will be honored whenever possible.

University and Residence Hall Regulations

All students are held responsible for all regulations and information set forth in the Student Handbook, Boise State University Catalog, and Residence Hall Contract. All University rules and regulations are specifically made a part of this contract by reference.

Personal Property and Liability

Students who reside in residence halls are responsible for providing insurance against loss or damage to their personal property. The University does not assume responsibility for or carry insurance against the loss or damage of individually owned personal property.

*All room and board charges, rental rates and other fees are subject to change at any time by action of the State Board of Education, Trustees for Boise State University.

University Apartments

There are 170 units available for full-fee paying (8 credit hours or more) married students or single parents, all within walking distance of the campus. A single student may rent a one bedroom apartment when a vacancy occurs in excess of the applications by student families. University Courts apartments have small and large one bedroom, two, and three bedroom units. Apartments are carpeted and furnished with stoves and refrigerators. Coin-operated laundry facilities are located on site. All utilities except electricity are furnished. University Heights and University Manor consist of one and two bedroom apartments. These are fully carpeted, draped, and furnished with stoves and refrigerators. All utilities are furnished.

Rental Rates Per Month (1981-82 prices)

University Courts:
- Small One Bedroom $125.00
- Large One Bedroom 165.00
- Two Bedroom 192.00
- Three Bedroom 220.00

University Heights:
- One Bedroom 192.00
- Two Bedroom 224.00

University Manor:
- One Bedroom 192.00
- Two Bedroom 224.00

The above prices are subject to change.

Application Procedure for University Apartments

Applications for Family Housing may be obtained in the Office of Student Residential Life, Room 110, Administration Building

To be eligible a student must be a married student, prospective married student, or a single parent with a child (children) and enrolled as a full-fee and/or fully matriculated student at Boise State University. Single students are eligible when space is available (see contract).

A completed application/contract must be sent to the Office of Student Residential Life with a $50.00 application fee and security deposit. Checks or money orders should be made out to Boise State University. This deposit is not to be construed as partial payment for rent. The deposit will be held (after assignment) as a damage deposit and is refundable when the student permanently moves from the apartment. The total security deposit and application fee ($100.00) is forfeited if 30 days notice is not given before the tenant moves.

When an apartment is ready for occupancy, the student must sign a lease, pay the balance of the application fee and security deposit ($50.00), and pay one month's rent prior to receiving confirmation to move into the apartment.

The University is an equal opportunity institution and offers its living accommodations without regard to race, color, national origin, or handicap (as provided for in Title VI and Title IX and Sections 503 and 504 of the Rehabilitation Act of 1973).

Sororities and Fraternities

Sororities and Fraternities offer a small group living experience within the total University recognized housing program. Fundamentally, each group is guided by the principles of friendship, scholarship, leadership, mutual respect, helpfulness, and service to the University community.

Four national sororities—Alpha Phi Omega, Alpha Omicron Pi, Delta Delta Delta and Gamma Phi Beta—and four national fraternities—Alpha Tau Omega, Kappa Sigma, Sigma Phi Epsilon, and Tau Kappa Epsilon—are actively involved at Boise State University. Membership is open to all full-fee students.

Each fraternity and sorority operates its own house located within a mile radius of campus. Members take charge of their own maintenance, financial management, meal planning, governing, and organization of special events or programs. Room rates are approximate to those of University owned residence halls. Extra costs include initial affiliation expenses, social fees, and, in some instances, building fund charges.
For additional information please contact the Student Activities Office, BSU, 1910 University Drive, Boise, ID 83725. (208) 385-1223.

Off Campus Student Housing

Lists of available housing are on file in the Office of Student Residential Life. The University does not inspect the accommodation. Parents and students must accept full responsibility for the selection. The University recommends that students and parents make written agreements with landlords concerning the obligations and expectations of each party.

As a matter of policy, assignments to University housing facilities are made without reference to race, color, national origin, or handicap and expects privately owned accommodations offered through its listing service to be operated in the same manner. Listings are accepted with this understanding.

Science is full of discovery and beauty.
Internships/Cooperative Education

Most departments at Boise State University provide internships or cooperative education programs that give students practical, on-the-job experience which contributes to their academic development. Because the university is surrounded by several businesses, government agencies, and health care facilities, internships/cooperative education are available in nearly every major field.

For specific information about internships/cooperative education opportunities, students should consult the academic department that offers the program.

The following are some of the common internship/cooperative education experiences available:

**School of Arts & Sciences**
- Social Work internships/cooperative education with various government agencies
- Mathematics internships/cooperative education with government departments, corporations and education
- Biology internships/cooperative education with state and federal agencies, research laboratories, and educational institutions
- English internships/cooperative education in writing laboratory and developmental writing programs on campus
- Communication internships/cooperative education with many governmental and business enterprises
- Political Science internships/cooperative education with the Idaho legislature
- Construction Management internships/cooperative education with local contractors

**School of Business**
- Accounting/Data Processing internships/cooperative education with local businesses
- Business Education and Office Administrative internships/cooperative education with local businesses
- Marketing/Mid-Management internships/cooperative education with local businesses

**School of Education**
- Elementary, secondary, and physical education student teaching
- Psychology internships/cooperative education
- Athletic training and coaching internships/cooperative education

**School of Health Sciences**
- Supervised clinical practice in local health care facilities for students in Allied Health and Nursing programs
- Pre-medicine, pre-dental, pre-veterinary medicine, pre-physical therapy internships/cooperative education with individual health care practitioners
- Environmental Health internships/cooperative education with district health agencies and the Environmental Protection Agency

**School of Vocational-Technical Education**
- Internship/cooperative education between Vocational-Technical Education programs and industry
Education provides the student with challenge, and thereby creates greater opportunities.

ACADEMIC INFORMATION

ACADEMIC REGULATIONS

For questions related to academic regulations, please direct inquiries to:
Registrar’s Office
Boise State University
1910 University Drive
Boise, ID 83725
(208) 385-3486

Student Records

When a student enters the University and submits the requested personal data, there is an assumed and justifiable trust placed upon the University to maintain the security of that information for the protection of the rights of the student. To protect students against potential threats to their individual rights inherent in the maintenance of records and the many disclosures regarding them and in compliance with the Family Educational Rights and Privacy Act of 1974, the University has adopted BSU Policy 4205-D (Student Records). The policy statement in its entirety is contained in the Administrative Handbook of Boise State University. Any students, faculty, or staff who have questions regarding the records policies of Boise State University may consult with the Vice-President for Student Affairs.

All academic records are maintained by the Registrar’s Office. Students may obtain copies of their transcripts by making a request in writing or in person.

Classification of Students

After registration, students are classified as follows:
- Special—no degree intent—courses of interest only
- Freshmen—0 semester credits through 25
- Sophomore—26 semester credits through 57 or enrolled in Associate, diploma, or certificate program
- Junior—58 semester credits through 89
- Senior—90 semester credits and over, or enrolled in second baccalaureate degree program
- Graduate—has received a baccalaureate degree and enrolled in a graduate level degree program.

Enrollment Verification

Students enrolled for 8 semester credit hours or more are required to pay full fees but may not be considered as full-time students.

For the purposes of student enrollment verification to Veteran’s Administration, Social Security Administration, BEOG, Federal and State Grants-in-Aid, banks, insurance companies, other Universities, etc. the following schedule will be used:

Undergraduate:
- Full-time: 12 or more undergraduate semester hours
- ¾-time: 9-11 undergraduate semester hours
- ½-time: 6-8 undergraduate semester hours
- Less than ½-time: 5 or fewer undergraduate semester hours

Graduate:
- Full-time: 9 or more graduate semester hours
- ¾-time: 6-8 graduate semester hours
- ½-time: 4-5 graduate semester hours
- Less than ½-time: 3 or fewer graduate semester hours

Students receiving veteran’s benefits under the G.I. Bill enrolling for less than ½-time will receive payment for registration fees only.
ACADEMIC INFORMATION

Veterans pursuing a second baccalaureate degree must have an official evaluation of their transcripts and official copies are forwarded to the V.A. Regional Office, the veteran, and the certifying official at Boise State University. Only the courses listed in the evaluation will be considered in determining V.A. educational payments.

Veterans enrolled in graduate programs are required to file a Program Development Form with the Graduate Admissions Office and the certifying official. Only those courses that are required for the degree objective will be considered in determining V.A. educational payment. Graduate students taking a combination of undergraduate and graduate credits will be certified based on a formula to determine the credit hour load.

Grading System

<table>
<thead>
<tr>
<th>Letter</th>
<th>Description</th>
<th>Quality Points per Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Distinguished Work</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Superior Work</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>Average Work</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>Passing but Unsatisfactory Work</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
<td>1</td>
</tr>
<tr>
<td>CR</td>
<td>Credit</td>
<td>1</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>0</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory</td>
<td>0</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory</td>
<td>0</td>
</tr>
<tr>
<td>AUD</td>
<td>Audit</td>
<td>0</td>
</tr>
<tr>
<td>NR</td>
<td>No Record</td>
<td>0</td>
</tr>
<tr>
<td>NG</td>
<td>Non Gradable</td>
<td>0</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawal Passing</td>
<td>0</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal Failing</td>
<td>0</td>
</tr>
</tbody>
</table>

A grade of incomplete can be given where the student's work has been satisfactory up to the last three weeks of the semester. A grade of “F” will be recorded as “W”. No student may drop a course(s) after the last day to make registration and program changes.

Incomplete Grades

A student academic status is determined by the grade point average. A grade of incomplete can be given where the student's work has been satisfactory up to the last three weeks of the semester. A grade of “F” will be recorded as “W”. No student may drop a course(s) after the last day to make registration and program changes. (See Academic Calendar for specific dates).

Repeat of a Course

A student who receives a grade of “D” or “F” may repeat the course under certain conditions to improve the grade. Independent studies, internships, and student teaching may be taken only once; they may not be repeated. Other courses may be repeated once to raise the grade, provided that the course is still offered. Degree credit for courses so repeated will be granted only once, but both grades shall be permanently recorded. In computing the GPA of a student with repeat courses, only the second grade and quality points shall be used.

Dropping a Course

Students may drop a course(s) by following the same procedures listed above. No student may change his/her advisor after the first semester in attendance by obtaining permission from the Advising Coordinator of his/her school.

Dropping a Course

Students who remain enrolled in a course(s) after the last day to make registration or program changes who fail to complete course requirements shall be awarded a final grade of “F”.

Audit/Credit Changes

Students may change their status from credit to audit or audit to credit by following the same procedures as adding a course until the end of the sixth week of classes. No student may change from or to audit after the last day to make registration or program changes.

Auditor Registration

Students enrolling in courses for Credit are required to attend class regularly, complete all assignments, and take the necessary examinations. If space is available a student may enroll in a course without credit or grade as an Audit. Audit indicates that a student was allowed a place in the class but may or may not have participated in class activities.
Late Registration

Individuals who file an application for admission after the cut-off dates for pre-registration and priority registration may register for courses that are still available during the open registration period. (See Academic Calendar for specific date).

Individuals who wish to register after the open registration period ends must obtain a “Petition for Permission to Make Changes After Deadline Date” form from the Admissions Office. Information Window. This form must be signed by the professor of each course and by their Department Chair or Academic Dean. The approved petition form must be filed with the Registrar’s Office and with the Business Office when fees are paid. Registration is not complete until all fees are paid. No registration by petition will be accepted after the last day to make registration or program changes. All registrations by petition will be assessed a $50.00 fee.

Complete Withdrawal from the University

Students who wish to leave the University in “Good Standing” during a semester must initiate an official request for complete withdrawal from all courses through the Dean of Student Special Services. Vocational-Technical students must clear with the Vocational counselor prior to reporting to the Student Advisory and Special Services Office.

Withdrawal from the University (from all courses) must be completed prior to the end of the sixth week of classes for all grades to be recorded as Withdrawal (W). Refunds of registration fees are only pro-rated over the first four weeks of a semester.

Students who withdraw from the University after the last date for withdrawal and are then failing the course will be awarded final grades of “WF.” Students who withdraw from the University after the last date for withdrawal and are passing the course requirements will be awarded a final grade of “WP.” It is not necessary to request a withdrawal from the University between semesters or after a semester has been completed. Neither a “WP” nor a “WF” will be used in calculation of GPA. Students who remain enrolled after the last day to make registration or program changes and who fail to complete course requirements shall be awarded a final grade of “F.”

Faculty Initiated Withdrawal

Although the primary responsibility for withdrawing from individual courses rests with the student, the professor may, in certain situations, initiate a withdrawal:
1. If a student registers for a course but never attends.
2. If a student registers for a course, attends briefly, and then neglects to withdraw from the course.
3. If a student registers for the course on an audit basis but never attends or attends for only a brief period of time.

In cases of a faculty initiated withdrawal, the professor will notify the Office of the Vice President for Student Affairs of the impending action. The Vice President for Student Affairs Office will then notify the student. If no further effort is made by the student within two weeks after notification, the professor may then initiate the withdrawal.

Administrative Withdrawals

A student’s registration may be cancelled after proper notification for delinquent financial accounts (bad checks, library fines, overdue loans, bookstore, or housing accounts, etc.); incomplete admissions file (failure to submit transcripts or test scores); falsification of admissions application or other University records; registration without re-enrollment from academic dean if academically disqualified; failure to respond to official summons or exhibiting behavior which constitutes a clear and present danger to one’s self and others.

The Vice President for Student Affairs, Dean of Admissions, Director of Administrative Services or Registrar will notify delinquent students of the pending action by certified mail. If no effort is made to correct the situation within two weeks after notification, the request for an administrative withdrawal is sent to the Dean of Student Special Services for final action.

Student Address or Name Change

The student is held responsible for keeping address or name change information up-to-date with the Registrar’s Office. Change of Address or Name Change forms may be obtained in Room 102 of the Administration Building. Mailing of notices to the last address on record constitutes official notification.

Academic Probation and Disqualification Policy

Boise State University

(As Amended March 20, 1980)

A student whose academic work indicates that he/she cannot continue in the university with profit to him/herself and credit to the institution will be placed on academic probation, and if he/she continues on academic probation at the end of his/her next semester of attendance, he/she will be subject to dismissal from the university.

I. Academic Probation

A. At the end of a semester (fall, spring, or summer) undergraduate students who do not attain the cumulative grade point average required for the number of hours attempted are placed on probation for the next semester of enrollment.

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>1.50</td>
<td>17</td>
<td>1.70</td>
<td>45</td>
<td>1.89</td>
</tr>
<tr>
<td>11</td>
<td>1.54</td>
<td>18</td>
<td>1.72</td>
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<td>1.63</td>
<td>20</td>
<td>1.81</td>
<td>60</td>
<td>1.92</td>
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<td>14</td>
<td>1.68</td>
<td>21</td>
<td>1.86</td>
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<td>2.00</td>
</tr>
<tr>
<td></td>
<td>1.73</td>
<td></td>
<td>1.92</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.78</td>
<td></td>
<td>2.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

B. The cumulative GPA will be computed on all credits attempted.
C. Students on academic probation will be automatically removed from probation when they earn a cumulative GPA equal to or higher than the minimum required for the numbers of hours attempted.

II. Disqualifications

A. After being placed on academic probation, a student who continues on academic probation at the end of his/her next semester of attendance, will be disqualified and dismissed from the University unless his/her GPA for the most recent semester of enrollment was 2.00 or higher.

B. In the event a student’s cumulative GPA is below the minimum required but his/her GPA for his/her most recent semester of enrollment was 2.00 or higher, the student remains on continued probation.

III. Reinstatement

A. After being disqualified and dismissed from the university, a student may be reinstated by submitting a petition to the academic dean of the school from which he or she was dismissed and receiving favorable action on his/her petition. Readmission to a school (or any of its programs) may be accompanied by subsequent academic performance requirements which are more stringent than to those of the university. Failure to meet conditions specified for continuation as a major in a particular school may prohibit a student from future enrollment in a school even though the university minimum academic requirements are satisfied.

B. Students who attend another institution while disqualified must meet the same standards as continuing Boise State University students when applying for readmission.
ACADEMIC INFORMATION

C. Students who are disqualified and reinstated by favorable action on their petitions are reinstated on academic probation.

IV. Repeated Disqualification

A. After being reinstated, if a student fails to achieve either a 2.00 GPA during his next semester's enrollment or the minimum GPA required by his/her hours attempted, the student will receive a repeat disqualification.

B. If a student receives a repeat disqualification, he/she will be dismissed from the university and cannot be reinstated except by petition to and favorable action from his/her academic dean. Readmission to a school (or any of its programs) may be accompanied by subsequent academic performance requirements which are more stringent than those of the university. Failure to meet conditions specified for continuation as a major in a particular school will prohibit a student from future enrollment in a school even though the university minimum academic requirements are satisfied.

C. Students on repeat disqualification who are reinstated by favorable action on their petition must earn a minimum GPA of 2.00 for the semester reinstated or must raise their cumulative GPA equal to or above the minimum required. Otherwise, they will receive an additional repeat disqualification.

V. Forgiveness for Failing Grades

A student who has not been enrolled in a college or university as a full-time student for a period of two consecutive years may, upon returning full-time to Boise State University credit status and completing a semester of full-time work (12 hours or more) with a GPA of 2.25 for that semester, make application to the dean of the school for removal of any "F" grade given by Boise State University. With approval of the dean of the school in which the student is majoring, the GPA will be recomputed to include all grades with the exception of those dismissed. No change will be made on the transcript of record. Application for changing an "F" grade must be made no more than two semesters after full-time re-enrollment at Boise State University.

VI. Restrictions

Students reinstated after a second probation are ineligible for participation in University sponsored extra-curricular activities (See Eligibility for Extra-curricular Activities section of the Boise State University Student Handbook). This restriction is removed when students are no longer on probation.

Dean's List

To receive Dean's List recognition, a student must be an undergraduate student who has completed 12 or more hours of gradeable credit (excluding P, S/U, CR/NC, or NC) in a given semester and achieved a G.P.A. of 3.50 or higher for that semester. An individual with a grade point average of 3.50 to 3.74 receives an "Honors" designation; a person with a 3.75 to 3.99 grade point average receives a "High Honors" designation; and a person who achieves a 4.0 grade point average receives a "Highest Honors" designation.

Petitions

Where strict application of any Boise State University regulations seem to work an unreasonable hardship, the student may petition for an exception. Academic petitions should be addressed to the academic dean of the appropriate school. Other petitions should be directed to the appropriate administrative offices.

Course Numbering

Courses are numbered on the basis of the following:

| 000-099 | Terminal credit and non-credit courses (including remedial, evening vocational, and adult education courses). These courses do not apply towards degree programs. |
| 100-199 | Freshman level courses |
| 200-299 | Sophomore level courses |
| 300-399 | Junior level courses |
| 400-499 | Senior level courses |
| 500-599 | Graduate level courses |

Upper division level courses, numbered at 300 or 400 level may be given a "G" designation to carry graduate credit. The "G" courses carry graduate credit for graduate students in majors outside the area of the department or school. "G" courses carry graduate credit for students both in the department or school and for other students as well.

Throughout the catalog where course descriptions are given a hyphen between course numbers indicates that the first numbered course is a pre-requisite to a second numbered course; a comma between course numbers indicates that either course may be taken independently of the other.

Immediately following the course title, the weekly hours of lecture, non-lecture or other (such as laboratory, studio, etc.), and the credits earned are shown in parentheses. The semesters the course is normally offered may also be shown. For example:

1. (3-4-5)F. Indicates 3 hours of lecture, 4 hours laboratory, and 5 credits for a course offered each fall.
2. (0-4-0). Indicates a laboratory without credit offered regularly each semester.
3. (2-0-2)F/S. Indicates a typical two-hour lecture class for two credits offered either fall or spring semesters.
4. (0-2-1)F, SU. Indicates a two-hour studio art or PE activity class for one credit offered in fall and summer semesters.

Other authorized abbreviations are prereq: for prerequisite, coreq: for corequisite, PERM/INST for permission of the instructor and PERM/DEPT for permission of the department chairman or his representative.

Course Prerequisite Waiver

As a general rule students must complete prerequisites listed in the course description prior to enrolling in the course. However, specific course prerequisites may be waived upon written approval of the Dean of the School in whose area the course is offered. A student seeking to have prerequisites waived must justify the request on the basis of background, education, and experience.

Admission to Upper Division Courses

Upper-division courses are open to students who have completed the stated course prerequisites and 57 semester credits of college work. Lower-division students who have a GPA of 2.0 or better may take upper-division courses if the course is required during the sophomore year in a specific curriculum in which the student is majoring, or the student has the written permission of the chairman of the department in which the course is offered and the concurrence of his/her advisor.

Undergraduate Enrollment in 500-Level Courses

Undergraduate senior students may apply up to a total of two 500-level courses toward the credit requirements for an undergraduate degree. 500-level courses may be applied to the required 40 hours of upper-division credit. To be eligible for this a student must complete a "Senior Permit" form available in the Registrar's office.

University-Wide Course Numbers

Undergraduate

The following college-wide standardized course numbers and titles are available to each department offering a major.

Independent Study (188 and 486) must be arranged between student and professor on an individual basis. The course description does not appear in other sections of the catalog.

188 Honors Independent Study (1-3 credits). An independent study experience to provide an Honors student study opportunities of a reading or project nature. Credits may not exceed three (3) per semester nor six (6) maximum in an academic year. Prerequisite: Approval of the Dean and Department Chairman upon recommendation of the faculty advisor.

293-493 Internship (Variable credits). The internship number is available to academic departments to provide an opportunity for supervised field-work that is specifically related to the student's major field of study.

294-494 Conference or Workshop (0-4 credits). Conducted by outstanding leaders or qualified faculty in a particular field under the auspices of Boise State University. Con-
ference or workshop (294, 494) and special topic courses (297, 497) will be described in the Class Schedule published each semester.

297 Special Topics (1-4 credits)*

296 Independent Study (1-4 credits). Individual study of either a reading or project nature. Offered on demand. Student must make application well in advance of this special study experience. May be repeated for a maximum of 8 credits. 8 credits in any one academic year. Prerequisite: Consent of instructor and department chairman, upper division standing.

297 Special Topics (2-4 credits). *Prerequisite: Advanced standing and consent of instructor and department chairman.

297 or 497. Honors or interdisciplinary Humanities courses will be allowed to apply toward core requisites; however, other departmental Special Topics courses may apply toward graduation.

498 Seminar (1-4 credits).

499 Seminar (1-4 credits).

Graduate

The following numbers may be used by any department to offer credits for the type of activity indicated in the title. These courses may be offered for variable credit. Limits on the number of credits of any one number category to be applied towards a given degree will be set by the Graduate Council. The supervising professor or committee will determine which credits may apply to an individual's program.

580-589 Selected Topics

Subjects normally offered and studied in one department can be divided into no more than 10 areas. Each area will be assigned one number of the 580-589 group. Although the topics considered in the courses in any one area may vary from semester to semester, repeated use on any one number implies that the topics continue to be selected from the same area.

590 Practicum

591 Project

592 Colloquium

593 Thesis

594 Extended Conference or Workshop (Graded A through F)

595 Reading and Conference

596 Directed Research

Masters programs may include directed research credits at the discretion of the graduate student's supervising professor or committee. A student may earn a maximum of 9 semester hours with no more than 6 in a given semester or session.

597 Special Topics

598 Seminar

599 Short Term Conference or Workshop (Graded Credit or No Credit)

Generally the 599 number is used for courses meeting 3 weeks or less and the 594 for courses meeting more than 3 weeks. The decision, however, is made by the department or school offering the course.

Interdisciplinary Courses

The following interdisciplinary courses are identified with more than one school or department.

**Honors**

HP 198, 298, 398, 498 Honors Seminar (1 credit). A seminar involving interdisciplinary lectures and discussion for Honors Students. Topics are selected by the students. Credit or no credit will be given rather than letter grade.

HP 100, 200, 300, 400 Summer Readings (1-3 credits). An opportunity and incentive for students to continue their studies during the summer when they are away from campus and faculty. Students must select their area of interest, contact a faculty supervisor, and coordinate through the Honors Program Director concerning testing and credit for the work prior to the end of spring semester. Students will register during fall registration and will complete written and oral testing as required no later than October 15 in order to receive credit or no credit.

HP 492 Honors Colloquium (3 credits). Upper-division Honors students bring the background of their own major to a multi-disciplinary forum. Letter grade given.

**Student Government**

SG 198, 496 Student Government Independent Study (1-3 credits). Students who are currently serving in major student government offices may avail themselves of Independent Study in Student Government. This study will be coordinated by the Vice President for Student Affairs and may be taken in any department of the college provided an instructor is willing to direct the study. Students who are eligible for this study are (1) the Major Elected Officers (President, Vice-President, Treasurer), (2) Major Appointed Officers (Business Manager, Publicity Director, Administrative Assistant to the President and Personnel Officer), and (3) Senators. Credits may not exceed three in any one semester or six in one academic year. A maximum of nine credits will be accepted towards graduation.

**General Science**

GS 101 History (3 credits). (Course description Part VIII of catalog).

**Interdisciplinary Studies in the Humanities**

IH 131 Humanities: A View of the Nature of Man, I (3 credits). Especially designed for non-Humanities majors, this team-taught class integrates information to provide views of human experience. Among the topics explored are different views of human nature, different ways of knowing, the nature of humanistic understanding, and the impact of experience on the individual. Prerequisite: Completion of or concurrent enrollment in E-101. (Fall Semester)

IH 132 Humanities: A View of the Nature of Man, II (3 credits). As a continuation of IH 101, this lecture/discussion course focuses on humanistic perceptions and assumptions concerning how people understand and respond to society and what motivates people to accept or reject social norms. The final unit will focus on forms of alienation and how individuals respond to social pressure. Prerequisite: IH-101. (Fall Semester)

IH 111 Humanities: A View of the Nature of Man, III, "Consciousness and Human Imagination" (3 credits). This course will examine the human imagination as a necessary constituent of each person's consciousness of his lived experience, i.e., it will analyze the role that human imagination plays for each of us in making our everyday lives private and social, livable, understandable and worthwhile. This course will also examine the imagination's capacity to capture our lived experience for reflection in the formalized modes of imagination: science, philosophy, art, and literature. Students will examine inherent and relative values. Prerequisite: Completion of, or concurrent enrollment in IH-101. (Spring Semester)

IH 112 Humanities: A View of the Nature of Man, IV, "Human Choices and the Future" (3 credits). This course assumes that the future will be shaped through human choice and will explore the roles of the humanities in understanding and defining the conditions necessary to making human choices: self-knowledge, understanding language, and understanding ways of knowing. Since the humanities are involved with a constant examination of human values, it will also consider plans and strategies for maintaining conditions for genuine human choice. This course focuses on methods of conceptualization, the way in which the human imagination frames its understanding of the world about it. Since human choice results from the way in which the chooser understands the problem, the clearer the perception, the better the choice. Prerequisite: Completion of, or concurrent enrollment in E-101. (Spring Semester)

**Advanced Placement and Individualized Studies**

For questions related to Advanced Placement, please direct inquiries to:

Dr. William Mech, Director

Honors Program

Library Building, Room L 408G

Boise State University

1910 University Drive

Boise, ID 83725

(208) 385-1122.

Today, improved and accelerated public school programs allow many students to enter colleges and universities with skills traditionally expected after college level work. To assure each student the opportunity to develop at his/her own pace and bypass material already mastered, Boise State University offers several options for educational advancement. Individual cases may allow several approaches to determining relative placement.

**College Level Examination Program (CLEP)**

Many colleges and universities, including Boise State University, accept the General and Subject Matter Examination of CLEP as an alternative by which a student may satisfy certain general education, specific course, or pre-major requirements.

Students generally prepare for the examinations by independent studies, advanced high school courses, auditing courses, attending non-accredited schools, on-the-job-training, or other experience.

You may repeat any General or Subject Examination six months after you last took it. Scores on tests repeated earlier than the specified time will be cancelled and test fees forfeited.

If the scores submitted are at or above the percentile scores indicated by the University, the student will receive credit for the equivalent credits so designated. The entries on the transcript will show the specific Boise State requirement met with no letter grade. The heading will show CLEP SCORES on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce, by the number of credits awarded, the number of credits still required to graduate.
ACADEMIC INFORMATION

CLEP General Examinations will not be officially released on a Boise State transcript to other agencies or institutions until the student has successfully completed 15 academic credit hours with Boise State University.

Boise State currently accepts test scores of CLEP in the following general areas:

**CLEP EXAM TITLE**          **BSU EQUIVALENT CREDIT**

**English**

Score of 500 or above 3 credits in Lower Division Electives

Score of 489-570 (50th-75th)* 4 credits in Area III

Score of 571 or above 8 credits in Area III

**Mathematics**

Score of 488 or above (50th) 4 credits in Area III

Score of 489-568 (50th-75th) 3 credits in Area I

Score of 567 or above 6 credits in Area I

**Humanities**

Score of 489-566 (50th-75th) 3 credits in Area I

Score of 567 or above 6 credits in Area II

Score of 569 or above 6 credits in Area II

*National College Sophomore Norm Group

A student may earn a minimum of three (3) hours of lower division elective credit for each CEEB College Level Examination Program Subject Exam passed with a score of 50 or higher. A department may opt to grant specific departmental credit for a CLEP Subject Exam passed at a departmentally-determined level. In the event the student qualifies under both options, the student will select which option prevails—lower division or departmental.

If the scores submitted are at or above the scores indicated by the Departments, the student will receive credit for the equivalent courses so designated. The entries on the transcript will show the specific Boise State course number, title, and credits with no letter grade. The heading will show CLEP SCORES on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce, by the number of credits awarded, the number of credits still required to graduate.

**CLEP Subject Matter Examination credits will not be recorded on a Boise State transcript until the student has successfully completed 15 academic credit hours with Boise State.**

B.S.U. Academic Departments currently accept CLEP Subject scores in the following subject matter areas. (Minimum passing scores are indicated after each examination title):

CLEP scores should be sent ATTN: Dean of Admissions. A complete list of available CLEP Subject Exams can be found above.

**CLEP SUBJECT MATTER EXAM**          **BSU EQUIVALENT COURSE AND NUMBER (Credits)**

* English Composition (50)  E-101, English Composition (3)

* College Composition (50)  E-101, English Composition (3)

* Freshman English (50)  E-101, English Composition (3)

* Analysis and Interpretation of Literature (50)  E-102, English Composition (3)

* English Comp. & Lit. (50)  B-100, Concepts of Biology (4)

** Biology (50)  B-101 and 102, General Biology (8)

General Chemistry (48)  C-107 + 108, Essentials of Chemistry (4) or C-131 + 132, College Chemistry (4)

College Algebra & Trig. (49)  M-111, Algebra and Trig. (5)

Calculus with Elem. Functions (50)  M-204, Calculus and Analytic Geometry (5)

Calculus with Analytic Geometry (50)  M-204, Calculus and Analytic Geometry (5)

Statistics (50)  M-361, Fundamentals of Statistics (4)

Introduction to Accounting (50)  AC-205, Intro to Financial Accounting + AC-206, Intro to Managerial Accounting (8)

Computers and Data Processing (55)  DP-219, Intro to Data Processing (3)

Introduction to Sociology (50)  SO-101, Introduction to Sociology (3)

American Government (50)  PO-101, American National Government (3)

Intro. Business Law (50)  GB-202, Business Law (3)

Introductory Marketing (50)  MK-301, Basic Marketing-Managect (3)

General Psychology (50)  PSY-101, General Psychology (3)

Apply only to non-traditional students. (An additional essay is required.)—several other alternatives are available to students directly out of High School.

**Credits obtained by successful completion of this subject exam may be applied towards Area III requirements; it does not fulfill requirement for the Biology Major.**

**The department will require one additional local exercise.**

For information concerning time, place and cost of testing, contact the Counseling and Testing Center, 8th floor, Education Bldg., Room 611, phone 385-1601.

Advanced Placement (AP) Program of the College Board

A student may earn a minimum of three (3) hours of elective lower division credit for each CEEB Advanced Placement Exam passed with a score of 3, 4, or 5. A department may opt to grant specific departmental credit for an AP Exam passed at a departmentally-determined level. In the event the student qualified under both options, the student will select which option prevails—lower division elective credit or departmental credit.

AP credits will be recorded on the Boise State transcript as soon as possible following receipt and evaluation.

B.S.U. Academic departments currently accept AP test scores in the following subject areas:

**AP EXAM**          **BSU EQUIVALENT COURSE AND NUMBER (Credits)**

American History  HY-151/152 (6)

Art, Studio  AR-113/114 (4)

Biology  B-101/102 (6)

Biology (Alternatively)  BT-130/Z-130 (6)

Chemistry  C-131-134 (9)

English  E-101 (3)

English (Based on evaluation of essay)  E-102 (3)

French Level 3, Language  F-101/102 (6)

French Level 3, Literature  F-201/202 (6)

German Level 3, Language  G-101/102 (8)

German Level 3, Literature  G-201/202 (8)

Mathematics, Calculus AB  M-204 (5)

Mathematics, Calculus BC  M-204/205 (9)

Spanish Level 3, Language  S-101/102 (6)

Spanish Level 3, Literature  S-201/202 (6)

Ap scores should be sent ATTN: Dean of Admissions.

Credit By Examination (CHALLENGE)

Any student may challenge a University course, subject to department determination of appropriate courses, when he/she feels that he/she has acquired sufficient knowledge to pass an examination covering the content of the course. In those cases where credit by examination is allowed, the department shall have the option of using a standardized examination or an examination prepared within the department. A student attempting to earn credit by examination must consult with the Department Chairman to determine whether the credit will be a regular grade or on a credit-no-credit basis, whereby the student receives credit and no grade for the course if he passes the examination.

Credit For Prerequisites Not Taken

Students who have sufficiently high GPA or ACT scores, who pass a departmental placement examination, or who have the approval of the department chairperson may take designated courses without having completed the listed prerequisite.

Students who receive a grade of "C" or better for a course in which they have not taken the prerequisite course(s) may be given credit for the prerequisite course(s) with a grade of "C". To qualify, students must initiate the application in consultation with their advisor only after the final grade for the advanced course is officially recorded. Department chairmen and deans will determine which course(s) can qualify for this credit. An examination covering the content of the prerequisite courses may be required.

Transfer of Vocational-Technical/Academic Credits

Block transfer of vocational-technical credit from accredited or State approved vocational-technical schools in the State of Idaho into specific departmental programs, or general elective credit at Boise State University may be awarded as determined by the appropriate academic department and approval of the dean.

Similarly, block transfer of academic program credit from an accredited institution of higher education into a specific vocational-technical program at Boise State University may be awarded as determined by the appropriate division, department, or committee.
No grade shall be assigned, and such transfer applies only to the agreed-upon-transfer program.

Credit for specific vocational-technical school courses may be awarded when equivalency has been validated by the appropriate academic department and approved by the school offering the equivalent course work. Vocational-technical school credit may be awarded for specific academic course credit when the equivalency has been determined by the appropriate vocational-technical division or department.

Reciprocal exchange of non-equivalent prior learning such as course work training or work experiences between vocational-technical and academic institutions shall be at the discretion of the appropriate division or department.

If a student transfers from one program in vocational-technical education or an academic program to another, the receiving department or division will re-evaluate the appropriateness of such vocational-technical training, experience, and/or academic course work.

Independent Study

The independent study experience provides individual study opportunities of reading or project nature. The availability of independent study opportunities for graduate students, upper-division, and Honors Program lower-division students represents one of several unique curricula choices at Boise State University.

Any department which fields a baccalaureate or graduate degree program is authorized to offer independent study. The course numbers identifying independent study are not listed in the Schedule of Classes. This does not preclude their availability based on mutual agreement between student and professor and approval by the appropriate department chairman.

Upper division students are eligible for 1 to 4 credits of Independent Study per semester. This experience may be repeated for a maximum of 9 credits towards graduation with no more than 6 credits in any given academic year.

Lower division Honors Program students are eligible for 1 to 3 credits of Honors Independent Study per semester. Credits may not exceed 3 per semester with no more than 6 in an academic year.

Independent Study may not be substituted for any departmental course requirements without prior approval of the department chairman and dean of the school offering the independent study.

Internship

Internships are available in many departments and in all schools within Boise State University. They provide an opportunity for a student to participate for variable credit in a field exercise or practicum which contributes to his/her academic development. The precise nature of an individual internship will necessarily vary depending upon the department, agency or student.

GRADUATION REQUIREMENTS

Application for Graduation

A student must make formal application for graduation by filing an application form in the Registrar's Office. To be guaranteed admission to Boise State University, a student must apply at least two semesters in advance of contemplated graduation or upon completion of 70 credit hours.

Requirements for graduation are checked in accordance with the requirements of one University catalog. A student is not permitted to combine programs from different catalogs, but may choose to graduate on the basis of the catalog of any year he/she has been registered providing that the catalog was in effect not more than six academic years prior to the year of graduation.

General University Requirements (Core)

To receive a Baccalaureate degree from Boise State University, all students must meet certain core requirements. Approximately one third each of their undergraduate program will be taken in core courses, major concentration, and electives. The university core is aimed at developing specific learning and communication skills of literacy and critical thought. The university core requires 3 to 8 credits of English Composition, dependent upon the student's score on a national test, 12 credit hours in each of 3 areas—Area I, Arts and Humanities, Area II, Social Sciences, and Area III, Natural Science. Specific coursework will be required in at least three disciplines in Areas I and II. BA candidate must include a literature (Area I) and a history (Area II) course, and either: 1) a year's sequence in one science and a semester in another or 2) three courses in science concepts, for fulfilling Area III.

In addition, B.A. students must have an additional 9 hours in Area I and/or II (excluding major requirements), and B.S. students must have an additional 9 hours in Areas II and/or III. Degrees other than the B.A. or B.S. may differ in their core content quantitatively from the core, but must contain English Composition and a minimum of 26 credits to be chosen from Areas I, II, and III, with no less than 6 credits taken from any one of those areas.

Courses offered to fulfill core requirements will be identified by area in the catalog; e.g., P 101 General Psychology (3-0-3) (AREA II). A grade of "C" is required in any course used to fulfill a core requirement including E 101, 102. All entering full-time students whose national test scores (ACT or SAT) show a composite percentile at the 20th percentile or below, or who have test percentiles below the 20th percentile in English or Math will be referred to a special advisor who will help the student enroll in appropriate courses to build basic skills. Such students should not enroll in more than an equivalent of 12 credit hours per semester until the deficiency is removed.

All students who have not taken and passed a competency exam as part of their writing courses at Boise State University must pass a competency exam in written English which should be taken prior to the senior year.

The ENGLISH COMPOSITION requirement may be met in one of the following ways:

1. Completion of E 101 and E 102, English Composition.
2. Completion of E 111 and E 112, Honors Composition. Admittance is dependent on ACT score.
3. Successful Challenge of E 101 or E 102 by taking the departmentally specified competency test.
4. Students who score in the 80th percentile or above on the ACT, or who are permitted to take and pass the departmentally specified competency test are exempt from E 101. E 102 is required.

AREA REQUIREMENTS are general education requirements required of all students seeking a Baccalaureate degree. Courses in the following lists have been approved to satisfy the core requirements. Additional courses may be approved and students should check with academic advisors for the most current list of courses approved to satisfy core requirements.

AREA I - Arts and Humanities

AR 101, 102 Survey of Western Art
AR 103 Introduction to Art
AR 105, 106 Basic Design
E 215 Far Eastern Literature in Translation
E 230 Western World Literature
E 235 Western World Literature
E 240 Survey of British Literature to 1790
E 260 Survey of British Literature: 1790 to Present
E 271 Survey of American Literature: Beginning to Civil War
E 272 Survey of American Literature: Civil War to Present
F 201, 202 Intermediate French
G 201, 202 Intermediate German
H 207 Introduction to Humanities
H 208 Introduction to Humanities
H 101 Humanities: A View of the Nature of Man, I
H 102 Humanities: A View of the Nature of Man, II
H 103 Humanities: A View of the Nature of Man, III
H 112 Humanities: A View of the Nature of Man, IV
MU 133 Introduction to Music
MU 341, 342, 343, 344 History and Literature of Music
PY 101 Introduction to Philosophy
PY 121 Introduction to Logic
S 201, 202 Intermediate Spanish
ACADEMIC INFORMATION

TA 107 Introduction to Theatre
Special Topics courses in IH Interdisciplinary Studies in the Humanities and HP Honors courses may also be approved to meet Area I core requirements.

*Only 6 credits of IH courses may be taken to satisfy core requirements.

AREA II - Social Sciences
AN 101 Physical Anthropology
AN 102 Cultural Anthropology
AN 103 Introduction to Archaeology
CM 111 Fundamentals of Speech Communication
CM 112 Reasoned Discourse
EC 201 Principles of Economics-Macro
EC 202 Principles of Economics-Micro
GG 101 Introduction to Geography
GG 102 Cultural Geography
HY 101 History of Western Civilization
HY 102 History of Western Civilization
HY 151 United States History
HY 152 United States History
HY 201 Problems in Western Civilization
HY 202 Problems in Western Civilization
HY 251, 252 Problems in U.S. History
PO 101 American National Government
PO 141 Contemporary Political Ideologies
PO 231 International Relations
P 101 General Psychology
SO 101 Introduction to Sociology
SO 102 Social Problems
SO 230 Introduction to Multi-Ethnic Studies
TE 201 Foundations of Education

AREA III - Natural Science
B 100 Concepts of Biology
B 101 General Biology
B 102 General Biology
BT 130 General Botany
C 100 Concepts of Chemistry
C 107 Essentials of Chemistry
*C 108 Laboratory for Essentials of Chemistry
C 109 Essentials of Chemistry
*C 110 Laboratory for Essentials of Chemistry
C 131 College Chemistry
*C 132 Laboratory for College Chemistry
C 133 College Chemistry
C 134 Laboratory for College Chemistry
EN 100 Energy for Society
GO 100—Fundamentals of Geology
GO 101 Physical Geology
GO 103 Historical Geology
M 100 A Cultural Approach to Mathematics
M 105 Mathematics for Business Decisions
M 106 Mathematics for Business Decisions
M 111 Algebra and Trigonometry
M 204 Calculus and Analytic Geometry
M 205 Calculus and Analytic Geometry
M 206 Calculus and Analytic Geometry
M 211 Accelerated Calculus
M 212 Accelerated Calculus
PS 100 Foundations of Physical Science
PH 101 General Physics
PH 102 General Physics
PH 105 Introduction to Descriptive Astronomy
PH 220 Physics I - Mechanics
PH 221 Physics II - Wave Motion and Heat
PH 222 Physics III - Electricity and Magnetism
PH 223 Physics Lab I
PH 224 Physics Lab II
Z 130 General Zoology

*Candidate for a degree may earn up to 32 semester hours in any combination of extension and correspondence courses toward the required credit hours for graduation. These hours must have departmental approval for acceptance towards major department requirements.

Physical Education Courses
A candidate for a degree may have up to 8 semester hours of Physical Education activity courses counted towards graduation.

Requirements for Additional Baccalaureate Degree
A. A student must have a minimum cumulative 2.00 GPA in all courses required by his/her major.
B. A student will not be allowed credit toward his/her major department requirements for any grade of "D" in upper division courses in his/her major department.
C. A minimum of 15 credit hours of electives outside of the major field.
D. Minimum credit hours in residence: The last 30 credit hours prior to graduation must be taken at the university during the regular or summer sessions.

Extension, Correspondence, and Religion Courses
A candidate for a degree may earn up to 32 semester hours in any combination of extension and/or correspondence courses toward the required credit hours for graduation. These hours must have departmental approval for acceptance towards major department requirements.

Such correspondence courses must be completed, and the transcript filed with the registrar prior to mid-term of the semester in which the last 30 hours of residence credit are started.

Up to eight (8) credits of non-sectarian religion courses from accredited colleges and universities may be accepted as general electives.

Requirements for Double Major
A student may be granted a single baccalaureate degree with more than one major, providing that he/she satisfies all requirements for each major field as recommended by the department and approved by the dean of the school granting the additional degree.

BACHELOR OF ARTS DEGREE

MINIMUM REQUIREMENTS (CREDITS)

A. General University requirements — 3 or 6 credits
1. English Composition E101, 102 3-6
2. Upper Division credit hours 40

B. Grade Point Average for all Courses taken 2.0

Other College Requirements
C. Minimum requirements for one of the degrees offered.
D. Specific Requirements for a departmental major.
E. A student must have a minimum cumulative 2.00 GPA in all courses required by his/her major.
F. A student will not be allowed credit toward his/her major department requirements for any grade of "D" in upper division courses in his/her major department.

Minimum credit hours in residence: The last 30 credit hours prior to graduation must be taken at the university during the regular or summer sessions.

Requirements for Double Major
A student may be granted a single baccalaureate degree with more than one major, providing that he/she satisfies all requirements for each major field as recommended by the department and approved by the dean of the school granting the additional degree as well as satisfying all requirements for the degree sought.

BACHELOR OF ARTS DEGREE

MINIMUM REQUIREMENTS (CREDITS)

A. General University requirements — 3 or 6 credits
1. English Composition E101, 102 3-6
2. Upper Division credit hours 40

B. Area I requirements, Arts & Humanities 12
1. Three credits in Literature
2. Three credits in a second field
3. Three credits in a third field
4. Three credits in any Area I field
C. Area II requirements, Social Sciences ..........................12
   1. Three credits in History
   2. Three credits in a second field
   3. Three credits in a third field
   4. Three credits in any Area II field
D. Area III requirements, Natural Science ..........................12
   1. A year's sequence chosen from:
      Biological Sciences
      Mathematics
      Physical Sciences****
      With additional credits from a field other than that chosen to satisfy the sequence requirement.
   OR
   2. Any three of the following courses except no more than two from a single department:
      Biology—Concepts of Biology
      Chemistry—Concepts of Chemistry
      Geology—Fundamentals of Geology
      Mathematics—Cultural Approach to Math
      Physics, Engineering, and Physical Science
      Energy for Society
      Introduction to Descriptive Astronomy
      Either Foundations of Physical Science or
      A Cultural Approach to Physics, but not both
E. Students seeking the B.A. degree must have an additional 9 credits chosen from courses in any of the following disciplines:
   Art
   Humanities
   Literature**
   Music
   Philosophy
   Theatre Arts
   Foreign Language (102 or higher of one language)
   Anthropology
   Communication
   Economics
   Geography
   History
   Political Science
   Psychology
   Sociology
F. Departmental Major
   *Determined by student score on ACT exam. See page 31.
   **Three credits may be in performance courses.
   ***Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.
   ****The Physical Sciences include courses in Chemistry, Geology, Physical Science, and Physics.

BACHELOR OF SCIENCE DEGREE
MINIMUM REQUIREMENTS (CREDITS)
A. General University requirements .................................3 or 6*
   1. English Composition E101, 102 ..............................3 or 6 credits*
B. Area I requirements, Arts & Humanities ..........................12**
   Three fields must be represented
C. Area II requirements, Social Sciences ..........................12
   Three fields must be represented
D. Area III requirements, Natural Sciences ..........................12
   Two fields must be represented
   1. A year's sequence chosen from:
      Biological Sciences
      Mathematics
      Physical Sciences****
      With additional credits from a field other than that chosen to satisfy the sequence requirement.
   OR
   2. Any three of the following courses except no more than two from a single department:
      Biology—Concepts of Biology
      Chemistry—Concepts of Chemistry

GEOLOGY—Fundamentals of Geology
MATHEMATICS—Cultural Approach to Math
PHYSICS, ENGINEERING, AND PHYSICAL SCIENCE
Energy for Society
Introduction to Descriptive Astronomy
Either Foundations of Physical Science or
A Cultural Approach to Physics, but not both

E. Students seeking the B.S. degree must have an additional 9 credits chosen from courses in any of the following disciplines:
   Anthropology
   Communication
   Economics
   Geography
   History
   Political Science
   Psychology
   Sociology
   Geology
   Physics
   Mathematics
   Physical Science
   Health Science

F. Department Major
   *Determined by student score on ACT exam. See General University (Core) Requirements.
   **Three credits may be in performance courses.
   ***Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.
   ****The Physical Sciences include courses in Chemistry, Geology, Physical Science, and Physics.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE
MINIMUM REQUIREMENTS (CREDITS)
A. English Composition E101, 102 ...............................3-6*
B. Area I Requirements, Arts & Humanities ..........................6
C. Area II Requirements, Social Sciences ..........................12
   1. Economics ..................................6
   2. Area II credits other than in economics ..................6
D. Area III Requirements ..............................12
   1. Two-semester sequence in math ...........................8
   2. One-semester physical or biological science ..........4
   Suggested science courses:
      Concepts of Biology, B-100
      Concepts of Chemistry, C-100
      Foundations of Physical Science, PS-100
      Fundamentals of Geology, G-100
      Introduction to Descriptive Astronomy, PH-105
E. An additional 16 hours are required in disciplines other than those administered in the School of Business. These additional credits must include hours from at least two of the three areas listed below:
   Area II:
   Humanities
   Theatre Arts
   Art*
   Music
   Philosophy
   Foreign Language (102 or higher of one language)
   Area II:
   Anthropology
   Communication
   Geography
   History
   Political Science
   Psychology
   Sociology
ACADEMIC INFORMATION

Area III
Biological Sciences
Mathematics
Physical Sciences

A major in Accounting, Business Education, Economics, Finance, General Business, Information Sciences, Management, Marketing, Production Management, Real Estate, or Office Administration meeting all specific requirements for the major, see requirements in Part V.

* Determined by student score on ACT exam. See page 31.

BACHELOR OF FINE ARTS DEGREE

A. General University Requirements ............................................. 3-6*
   1. English Composition E101, 102 ........................................ 3-6*

B. Area I Requirements, Arts & Humanities ................................. 9
   1. Literature ............................................................................ 6
   2. Other courses ...................................................................... 3
      No fewer than 3 credits selected from:
      Introduction to Music
      Introduction to Theatre
      Introduction to Humanities
      Introduction to Philosophy or Ethics
      Foreign Language (102 or higher of one language)

C. Area II Requirements, Social Sciences .................................... 9
   1. Lower Division History ..................................................... 3
   2. Other courses ...................................................................... 3
      No fewer than 3 credits selected from:
      Political Science
      Sociology
      Anthropology
      Communication
      Psychology
      Economics
      Geography

   3. No fewer than 3 additional credits selected from areas
      C. 1 and C. 2 above ......................................................... 3

D. Area III Requirements, Natural Science ................................... 8
   A year's sequence chosen from the following:
   Biological Science
   Mathematics
   Physical Science**
   or any two of the following:
   Concepts of Chemistry
   Concepts of Biology
   Fundamentals of Geology
   Cultural Approach to Math
   -Foundation of Physical Science
   Introduction to Descriptive Astronomy

E. Individual departmental major listings in other parts of the catalog may specify how Area I, II, and III requirements are to be fulfilled.

F. A major in Art
   A candidate for the BFA degree must have Art Department approval during his/her junior year.

* Determined by student score on ACT exam. See page 31.
** The Physical Sciences include C, GO, PS, PH courses.

BACHELOR OF MUSIC DEGREE

MINIMUM REQUIREMENTS (CREDITS)

A. General University Requirements ............................................. 3-6*
   1. English Composition ...................................................... 3-6*

B. Area I Requirements, Arts & Humanities ................................. 9
   1. Literature ................................................................. 3
   2. Three credits in a second field ........................................ 3
   3. Three credits in any of the following fields ....................... 3
      Art—AR
      Humanities—HU
      Literature**

   Music History
   Philosophy—PY
   Theatre Arts—TA

C. Area II Requirements, Social Sciences .................................... 9
   1. History ............................................................................ 3
   2. Three credits in a second field ........................................ 3
   3. Three credits in any of the following fields ....................... 3
      Anthropology—AN
      Communication—CM
      Economics—EC
      Geography—GC
      History—HY
      Political Science—PO
      Psychology—PY
      Sociology—SO

D. Foreign Language and Area III Requirements .......................... 8
   1. Performance and Theory—Composition Majors:
      a. A year's sequence of a foreign language ....................... 8
   2. Music Education Majors:
      a. A year's sequence of a foreign language ....................... 8
      or
      b. A year's sequence chosen from:
         Biological Sciences
         Mathematics
         Physical Sciences
         or
         Any two of the following courses:
         Concepts of Biology
         Concepts of Chemistry
         Fundamentals of Geology
         Cultural Approach to Math
         Foundations of Physical Science
         Introduction to Descriptive Astronomy

E. A major in music with emphasis in Performance, Theory Composition, or Music Education, meeting all specific requirements as defined on pages 76 in the catalog.

* Determined by student score on ACT exam. See page 31.
** Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic area.

NOTE: PRE-LAW CURRICULUM

Boise State University does not prescribe a pre-law curriculum; the student's plans should be based on his/her own interests and his/her own personal objectives in studying law. In general, the pre-law student should place emphasis not only on the acquiring of knowledge of the fundamental elements which define the nature and character of society but also on the development of methods of study, thought, and communication. Present-day law students have undergraduate degrees in—Political Science, English, Business, Natural Science, History, Linguistics, Communications, and a host of other disciplines.

For additional information, see the current PRE-LAW HANDBOOK, published annually in October and prepared by the Law School Admission Council and the Association of American Law Schools. This book includes material on the law and lawyers, pre-law preparation, application to law schools, and the study of law, together with individualized information on most American law schools. It may be ordered from Educational Testing Service, Princeton, New Jersey.

NOTE: ASSOCIATE OF ARTS DEGREE PROGRAM

Participation in this program is limited to students residing at the Idaho State Correctional Institution. The curriculum is focused around normal freshman and sophomore general education courses with a broad exposure to the social sciences. A student completing this program will have completed all University general education requirements except possibly one lab science course. The program includes:

   English Composition E101, 102 ......................................... 3 or 6 hours
   Area I including Literature ............................................. 12 hours
   Area II including History ............................................... 12 hours
   Area III ................................................................. 8 hours
   Major Requirements ..................................................... 12 hours
   Electives .................................................................. 14 or 17 hours

64 hours
Entrance into this program by a student at the I.S.C.I. will be through a signed agreement by the student, the I.S.C.I. Education Director, and the Continuing Education Director, Boise State University. The agreement shall terminate six months from the date of the student’s release from the I.S.C.I. unless all three parties agree to a time extension. The agreement will be made available to only those residents of the I.S.C.I. who have graduated from high school or who have successfully passed the G.E.D. examinations.

Once admitted to the Program, the student is responsible to see that his program moves forward to completion. Program advising will be available at the time of registration each semester, but it is the responsibility of the student to seek out advice when needed.

### MAJORS AND DEGREES OFFERED

#### SCHOOL OF ARTS AND SCIENCES

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<thead>
<tr>
<th>DEPARTMENT</th>
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<td></td>
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#### ACADEMIC INFORMATION

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#### SCHOOL OF EDUCATION

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<td>Teacher Education/Library Science</td>
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<td>Special Education Certificate</td>
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ACADEMIC INFORMATION

Elem Educ-Bilingual/Multicultural ................. BA
MA in Elementary Education ....................... MA
Content Enrichment
Reading
Special Education
Early Childhood
Curriculum and Instruction

SCHOOL OF HEALTH SCIENCES

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<td>Community &amp; Environmental Health</td>
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<td>Health Sciences</td>
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Preprofessional Studies

| Pre-medical & pre-dental    |                  |                  | BS      |
| Biology                     |                  |                  |         |
| Chemistry                   |                  |                  |         |
| Pre-Dental Hygiene          |                  |                  |         |
| Pre-Optometric              |                  |                  |         |
| Pre-Pharmacy                |                  |                  |         |
| Pre-Physical Therapy        |                  |                  |         |
| Pre-Veterinary Medicine     |                  |                  |         |

AREA VOCATIONAL-TECHNICAL SCHOOL

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<td>Surgical Technology</td>
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<td>Practical Nursing</td>
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<td>Heavy Technologies</td>
<td>Air Conditioning, Refrigeration and Heating</td>
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<td></td>
<td>Mechanical Plant Maintenance</td>
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<td>Machine Shop</td>
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<td>Electrical Lineman</td>
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<td>Welding 11 month</td>
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Faculty are professionals in their academic speciality and in the art of teaching.
Whether sculpting of clay or sculpting of a concept, innovation produces personal growth.

SCHOOL OF ARTS & SCIENCES

Dean: William J. Keppler, PhD
Associate Dean: Margaret Peek, PhD

PHILOSOPHY

The philosophy of the School is to provide students with quality academic programs in the Arts, Humanities, Sciences, and Social Sciences in addition to establishing innovative curricula and needed programs to meet the constantly changing demands of a highly technological and urban society.

OBJECTIVES

1. To offer programs of study leading to a baccalaureate degree in the Arts — Advertising Design, Art, Communication, English, History, Music, Political Science, Social Science, Social Work, Sociology, Theatre Arts, and in the Sciences — Biology, Chemistry, Construction Management (with the School of Business), Earth Science, Geology, Mathematics, and Physics. Degrees available in the above areas, including the Secondary Education Options offered by all departments, include the Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts (in Art, Art Education, and Advertising Design), Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition), and Master of Arts in Secondary Education with majors in various departments (see School of Education).

2. To offer undergraduate preparation in pre-Engineering, Forestry, and Wildlife Management.

3. To offer elective and service courses for students majoring in other schools.

THE COLD-DRILL

The Department of English, in addition to offering a chance for students to improve their creative, literary skills by studying under producing authors in classes aimed to increase the student’s critical and creative abilities, publishes each year a National prize-winning magazine designed to display the best efforts of both the faculty and student body of Boise State University.

WESTERN WRITERS SERIES

The Boise State University Western Writers Series is publishing booklets introducing students and teachers to the character of the work of western American writers. Written by scholars from various colleges and universities, each pamphlet offers a brief account of an author’s life, salient features of his works (stressing their regional aspects) and a bibliography listing valuable primary and secondary sources. This series provides the first real attempt to make important regional writers known to the country at large.

PERFORMANCES, EXHIBITIONS, WORKSHOPS

Membership in the various groups and organizations engaged in extracurricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements.

Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and intercollegiate offerings of the Department of Communication including Debate, Reader’s Theatre; and productions
of plays from both the classical and modern repertoires in the University’s unique Subal Theatre and Special Events Center; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in “American Historical Tours” presented by the University each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART
Liberal Arts Bldg., Rm. 252 Phone 208/385-1230

Chairman and Professor: Dr. Louis A. Peck; Professors: Huff, Killmaster, Kober, Skov, Takehara; Associate Professors: Blankenship, Douglass, Heap, Ochi, Oravez, Roberts, Russell, Watia; Assistant Professors: Benson, Smith, Taye, Taylor; Instructors: Hoopes, Shurtleff

ART MAJOR
Lower Division — All Degrees
(Suggested Program)

I. General Art

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II. Art Education — Bachelor of Arts Program

1. General University & Basic Core Requirements
2. Art Major Requirements
3. Electives

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3. Education Requirements for Qualification Toward State Certification. Refer to pg. 104 for complete information.

4. Electives

5. Art Education — Bachelor of Arts Program

1. General University & Basic Core Requirements
2. Art Major Requirements
3. Electives

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3. Electives

II. General Art — Bachelor of Fine Arts Degree

1. General University & Core Requirements
2. a) Art Major Requirements
   Painting
   Watercolor
   Drawing
   Design
   Art History
   Ceramics
   Sculpture
   Printmaking
   Art Metals or Weaving, Photography, Art History
   Electives

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3. Electives

20-34
PRE-ARCHITECTURAL PROGRAM

Boise State University offers courses that can be used for a 2 to 2 1/2 year pre-Architectural program. This program is preparatory and should be transferable to most architectural schools. Some universities offer a degree in Architectural Engineering. If interested in this type of degree the student should follow the Civil Option under the Engineering curriculum.

Art Courses

Introduction to Art AR 103 .......................... 3
Basic Design AR 105-106 .................................. 6
Drawing AR 111-112 ........................................ 4

SCHOOL OF ARTS & SCIENCES

COURSE OFFERINGS

The Art Department reserves the right to withhold selected student work for the Permanent Collections. Certain Art courses are subject to a lab fee. Several courses may be "repeated" for credit. This should be interpreted, "taken again" for credit, not to raise a D or F grade.

LOWER DIVISION

AR 100 Basic Drawing and Painting For Non-Art Majors (0-4-2) (F/S). A one semester course with emphasis on media, techniques, and philosophy designed to acquaint the general college student with the basic fundamentals of drawing and painting.

AR 101 Survey of Western Art I (3-2-3) (Area I). A historical survey of Painting, Sculpture and Architecture from Prehistoric Art through the Middle Ages.

AR 102 Survey of Western Art II (3-2-3) (Area I). A historical survey of Painting, Sculpture and Architecture from the Renaissance to the present.

AR 103 Introduction to Art (3-4-3) (F/S). A one-semester course designed to acquaint the general college student with the aesthetics of Painting, Sculpture, Architecture and related Art forms.

AR 104 Basic Design (2-2-3) (Area I). A two or three dimensional theoretical and applied study of the basic design elements underlying all Art areas.

AR 105 Basic Design (2-2-3) (Area I). A one-semester course designed to acquaint the general college student with the aesthetics of Painting, Sculpture, Architecture and related Art forms.

AR 107 Lettering I (0-4-2) (F/S). A study of lettering techniques and various alphabetical forms; emphasis upon modern styles, spacing and layout.

AR 108 Lettering and Layout (0-4-2) (F/S). A study of layout typography and lettering techniques used in advertising design, for advertising design majors. Advisable to take AR 107 prior to AR 108.

AR 111 Drawing I (3-2-2) (F/S). A study of line, chiaroscuro, space, volume, and perspective, utilizing a variety of media; still life, landscape, plants, animals and other subject matter may be used. Limited enrollment spring semester.

AR 112 Drawing II (0-6-3) (F/S). Continuation of AR 111 with an emphasis on more advanced drawing problems. Compositional imaginative, or semi-abstract work may be done. Using a variety of subject matter including some figure drawing. Prerequisite: AR 111.

AR 113 Painting I (4-2). Study of basic techniques of painting in oil, acrylic or other media as determined by instructor. Students will learn to represent form and space through study of value relationships and through use of monochromatic color. Still life and other subject matter will be used. Advisable to take AR 111 Drawing concurrently with AR 113. Limited enrollment spring semester.

AR 114 Painting II (4-2). A continuation of AR 113 problems with emphasized on color, composition, and contemporary concepts in painting. A variety of subject matter will be painted in oil, acrylic or other media. Advisable to take AR 113 prior to AR 114. Limited enrollment fall semester.

AR 115 Landscape Painting I (4-3) (F/S). Various styles and techniques in landscape painting in oil, watercolor and related media. Field trips. First summer session.

AR 116 Landscape Painting II (4-3) (SU). Similar to course number 115 except credit for work done during summer session.

AR 123 Crafts I and II (4-2) (F/S). Lectures will be in the nature of crafts, the design principles, craftsmanship and creativity. Several areas of crafts applicable to the public school classroom will be introduced. Simple crafts, leather work, mosaic, tile construction, balsa, tile and dye, creative stitchery, enameling, macrame, simple ceramic work, sheet plastic and others may be assigned. The proper use of hand tools and their safety will be stressed. This course is open to non-Art majors.

AR 131 Interior Decoration I (2-1-2) (F/S). Aid in understanding and appreciating interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture.
AR 203 Advertising Design (0-4-2) (F). Special assignments in various techniques employed in advertising. Commercial problems in layout, typography, and reproduction processes will be emphasized. Advisable to take AR 205, 106, 107 and 108 prior to AR 203.

AR 204 Advertising Design (0-4-2) (S). Advanced work in various techniques employed in advertising and commercial art. Advisable to take AR 203 prior to AR 204.

AR 209 Introduction to Printmaking (0-4-2) (S). A course designed to acquaint the student with methods of reproducing creative work in print. Read AR 209 and the advanced classes AR 299. Emphasis will be placed on the use of the techniques to accommodate one's own personal statement while utilizing sound design practices.

AR 211 Anatomy (0-2-1) (F). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Model fee. Prerequisite: AR 111-112.

AR 212 Life Drawing (0-4-2) (F). Further study from the model with increased emphasis on anatomy, expressive drawing, and composition. Model fee. Prerequisite: AR 211.

AR 215 Painting (0-4-2). More advanced painting problems in realism and abstraction, with some independent work. Oil, acrylic, or other media may be used. May be repeated once for credit. Prerequisite: AR 113 and AR 114.

AR 217 Painting-Watercolor (0-4-2) (F). Major emphasis will be in the use of transparent watercolor. Work can be outdoors from nature as well as studio work. Advisable to take AR 217 prior to AR 218.

AR 219 Portrait and Figure Painting (0-4-2) (S). Introduction to experimental techniques in the use of opaque watercolor media. Work will be outdoors from nature as well as studio work. Advisable to take AR 217 prior to AR 218.

AR 221 Art Metals (0-4-2) (F). A creative exploration in design and construction problems. Various materials will be utilized with primary emphasis on jewelry design and metals. Craftsmanship and the care and usage of tools will be stressed.

AR 222 Art Metals (0-4-2) (S). Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized.

AR 223 Ceramics (0-4-2) (F). An introduction to ceramics technique and materials. Wheelthrowing, hand building, decoration, glazing and firing will be given. Enrollment is limited. Advisable to take AR 223 and 106 prior to AR 220.

AR 226 Ceramics (0-4-2) (S). Beginning the use of the potter's wheel, molding, casting and constructing. Advisable to take AR 105 and 106 prior to AR 226.

AR 231 Sculpture (0-4-2) (F). Work in a variety of three dimensional material with emphasis on the techniques of carving, modeling.

AR 232 Sculpture (0-4-2) (S). Continued work in a variety of three dimensional materials with emphasis on the techniques of carving, modeling.

AR 251 Introduction to Creative Photography (2-2-2) (F/S). An aesthetic approach to the basic photographic skills of camera operation, film development, and enlargement of negatives. All work in black and white. Adjustable camera required.

AR 290 Materials and Methods of Architecture (3-4-3). This course is designed to acquaint the student with the appropriate use of various materials and methods in architecture. Emphasis will be given to the use of wood, glass, metal and concrete in building design. May be repeated once for credit.

AR 301 Nineteenth Century Art History (3-0-3) (F). A study of important artists and art movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Oda, and Surrealism. Critical writings will be assigned.

AR 303 Studio in Advertising Design (0-4-3) (F). Advanced study of the design and preparation of art for reproduction, techniques and studio practice. Advisable to take AR 203 and 204 prior to AR 303. May be repeated once for credit.

AR 305 Studio in Visual Design (0-4-3) (F). Advanced exploration of two-dimensional or three-dimensional design, continuing with problems in line, form, color, texture, and space. Advisable to take AR 105 and 106 prior to AR 305.

AR 307 Studio in Metalsmithing (1-4-2) (F/S). Advanced study in materials of jewelry making and metal smithing with special emphasis on forging, stoneware, cutting, and mechanical techniques as further personal development of craftsmanship. May be repeated once for credit. Prerequisite: AR 221, 222.

AR 309 Studio in Printmaking (0-4-3). Introduction to color printing and advanced printmaking in any of the following specialized areas, each of which may be repeated once for credit: lithograph, serigraphy, and relief printing.

AR 311 Advanced Drawing (0-6-3) (F). Structural, interpretive, or compositional study from the model or other subject matter. Based on individual interests. Model fee. May be repeated once for credit. Prerequisite: AR 212.

AR 315 Studio in Painting (0-4-3). Creative work in representational or nonrepresentational areas in any media. May be repeated once for credit. Prerequisite: AR 215.

AR 317 Painting-Watercolor (0-6-3) (F). Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 217 and 218 prior to AR 317.

AR 318 Painting-Watercolor (0-6-3) (S). Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 317 prior to AR 318.

AR 319 Portrait and Figure Painting (0-6-3). Painting from models in realistic or semi-abstract styles based on individual interests. Model fee. May be repeated for credit. Prerequisite: AR 219 and Upper Division status.

AR 321 Elementary School Art Methods (2-2-3) (F/S). For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers develop outline plans for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expressions will be stressed.

AR 325 Studio in Ceramics (0-6-3) (F). Advanced study in the materials of ceramics with emphasis on the exploration of clays, glazes, and firing as it relates to the creative artist or teacher. Advisable to take AR 225 and 226 prior to AR 325. Individual instruction will be given. May be repeated once for credit.

AR 321 Studio in Sculpture (0-6-3) (F). Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Advisable to take AR 231 and 232 prior to AR 321. May be repeated once for credit.

AR 341 Studio in Creative Photography (2-4-3) (F/S). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Adjustable camera required. Advisable to take AR 251 prior to AR 341.

AR 344 Studio in Creative Photography, Color Printing (2-4-3) (F/S). Advanced study of photographic techniques; emphasis on the creative approach to picture taking and printing in color. Adjustable camera required. May be repeated for credit. Prerequisite: AR 251 or PERM/INST.

AR 345 Studio in Creative Photography (4-2-3) (F/S). Advanced study emphasizing techniques of color slides. Color theory and composition will be covered in the course as well as the processing of slides and various methods of projections. Various approaches to lighting and laboratory work will be taught. Adjustable camera required. May be repeated for credit. Prerequisite: AR 251 or PERM/INST.

AR 351 Secondary School Art Methods (2-2-3) (F). Art education on the junior high school and senior high school levels. Includes current literature in art education, budgeting, curriculum, planning.

AR 351 Studio in Advertising Illustration (0-6-3) (F/S). Advanced study emphasizing techniques and methodology of illustrating finished art for ads. Fundamental approaches to story, product, fashion and decorative illustration with emphasis on building a portfolio. Advisable to take AR 203 and 204 prior to AR 351. May be repeated for credit.


AR 409 Studio in Printmaking (0-6-3) (F/S). Individual problems in any of the following areas: woodcut, lithography, intaglio, and serigraphy. May be repeated for credit.

AR 411 Drawing Studio (6-6-3) (F/S). Individual problems in drawing. Model fee. May be repeated for credit. Prerequisites: AR 311.

AR 415 Studio in Painting (0-6-3). Individual problems in painting in any media. Students will participate in one-person senior show projects. May be repeated for credit. Prerequisite: AR 315.

AR 417 Studio in Painting-Watercolor (0-6-3) (F/S). Advanced study in selected watercolor media. Advisable to take AR 317 and 318 prior to AR 417. May be repeated for credit.

AR 419 Studio in Metals (0-6-3) (F/S). Continued study in materials and methods (advanced) of jewelry making and metal smithing as they apply to the creative artist and teacher. May be repeated for credit. Prerequisites: AR 221, 222, 307.

AR 423 Studio in Ceramics (0-6-3) (F/S). Continued study in the materials of ceramics with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. Advisable to take AR 325 and 326 prior to AR 425. Individual instruction will be given. May be repeated for credit.

AR 431 Studio in Sculpture (0-6-3). Continued study in the material and methods of the sculptor with emphasis on welded steel and casting. Advisable to take two semesters of AR 331 prior to AR 431. May be repeated for credit.

AR 441 Studio in Creative Photography (2-4-3) (F/S). Individual problems in black and white photography. Advisable to take AR 251 and AR 341. May be repeated for credit.

AR 498 Senior Seminars (0-9-3) (F/S). Required reading and written and oral reports relative to the senior artist major's area of interest within the visual arts.
### 2. Major Requirements

**A. Biology**

1. Biology Core.............................................. 45
   1. Biology Core........................................ 13
      General Botany BT 130................................ 4
      General Zoology Z 130................................ 5
      Cell Biology B 225................................. 3
      Biology Seminar B 498, 499.......................... 1
   2. Physiology — one course.............................. 4
      Plant Physiology BT 401............................... 4
      Human Physiology Z 401.............................. 4
      General & Comparative Physiology Z 409............ 4
   3. Morphology — one course............................. 3-4
      Plant Anatomy BT 302................................ 3
      Plant Morphology BT 311.............................. 4
      Comparative Vertebrate Anatomy Z 301.............. 4
      Vertebrate Embryology Z 351.......................... 4
      Vertebrate Histology Z 400........................... 4
   4. Natural History — one course......................... 3-4
      General Paleontology B 412.......................... 3
      Systematic Botany BT 201............................ 4
      Entomology Z 305..................................... 4
      Invertebrate Zoology Z 307............................ 4
      Vertebrate Natural History Z 355.................... 4
   5. Biology/Microbiology — one course................... 3-5
      Microbiology B 205................................. 4
      General Microbiology B 303........................... 5
      Genetics B 343....................................... 3-4
      Organic Evolution B 401............................... 3
      Bioecology B 423...................................... 3-4
   6. Biology Electives to total 45 credits................ 15-19
      A maximum of 4 credits of independent study may
      be counted towards fulfillment of the Biology Elec-
      tives.

**B. Chemistry**

1. College Chemistry C 131-134............................. 9
2. Organic Chemistry C 317, 319............................ 5

**C. Mathematics**

Actual courses will vary depending on the goals of the
particular student, but typically any of the following
courses could be used to satisfy this requirement:
Algebra and Trigonometry M 111............................. 5
Calculus and Analytic Geometry M 204...................... 5

### 3. Recommended Electives

1. Area I & II Electives
2. Biochemistry C 431, 432
3. Introduction to Biophysics PH 207
4. Earth Science Electives

### II. Secondary Education Option — Major Endorsement

1. General University and Baccalaureate Degree
   Requirements — see pages 31-33.......................... 30
2. Major Requirements........................................ 81-84
   **A. Biology**............................................. 37-40
      1. Biology Core.........................................
      2. Microbiology B 205..................................
      3. Genetics B 343, 344..................................
      4. Physiology BT 401, Z 409............................
      5. Systematic Botany BT 201............................
   6. Biology Electives........................................ 8-11
      Ecology B 423, 424.................................... 3-4
      Entomology Z 305....................................... 4
      Vertebrate Natural History Z 355..................... 4
   **B. Chemistry**........................................... 14
      1. General Chemistry C 317-319........................
      2. Organic Chemistry C 317-319........................
   **C. Mathematics**........................................ 10

### 3. Education Requirements to include Science
   Methods — see page 104.................................... 25-30
4. Electives................................................... 4-12

* A maximum of 4 credits of independent study may be counted towards fulfillment of the
  Biology Electives.

### III. Secondary Education Option — Minor Endorsement

1. General University and Baccalaureate Degree
   Requirements - see pages 31-33.......................... 30
2. Major Requirements........................................ 30

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**BIOLOGY MAJOR**

Bachelor of Science

(Suggested Program)

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### FRESHMAN YEAR:

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**BIOLOGY MAJOR**

SECONDARY EDUCATION OPTION

Bachelor of Science

(Suggested Program)

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SCHOOL OF ARTS & SCIENCES

SENIOR YEAR:
Biology Seminar ................................... 1
Biology Electives .................................. 4-8
Education Courses ................................ 4 9-14
Other Electives .................................... 3 6
12-16 15-20

PREFORESTRY AND WILDLIFE MANAGEMENT
This program is designed to satisfy the Lower Division coursework typically completed during the freshman and sophomore year in a School of Forestry. Students wishing to earn a bachelors degree in this area of study usually transfer to the University of Idaho School of Forestry for their junior and senior years.

FRESHMAN YEAR:
English Composition E 101-102 .................. 3 3
General Botany BT 130 .......................... 4
General Zoology Z 130 .......................... 5
Essentials of Chemistry C 107-110 ............ 4 5
Mathematics ....................................... 5 5
16 18

SOPHOMORE YEAR:
General Physics PH 101, 102 .................... 4 4
General Forestry FS 101 ........................ 2
Systematic Botany BT 201 ........................
Fundamentals of Speech CM 111 ............... 3
Basic Surveying EN 215 ......................... 2
Digital Computer Programming EN 104 ...... 2
Principles of Economics EC 201-202 .......... 3
Physical Education ............................... 1 1
15 14

B BIOLOGY

LOWER DIVISION
B 100 Concepts of Biology (3-2-4) (F/S) (Area III). Basic course for nonmajors. General biological principles and how they relate to man. Brief survey of plant and animal diversity. Emphasis areas include populations, pollution, ecology, genetics, and evolution.

B 161, 162 General Biology (3-2-4) (F/S) (Area III). A one year sequence for non-Biology majors. A study of plant and animal life with emphasis on structure, function, genetics, development ecology, and evolution of these life forms. Interrelations to society are also discussed. Students who have received credit for B 100, BT 130 or Z 130 may not also receive credit for B 101-102.

B 200 Man and the Environment (3-0-3) (F/S). The impact of biological, economic, and social factors on man's environment are discussed. Participants become aware of important issues and factors involved in environmental decision making.

B 205 Microbiology (3-2-4) (F/S). A survey of microbial diversity, structure, function, and metabolism; principles of microbial control, human-microbe relationships; immunology, and medically important microorganisms. Prerequisite: C 107. PERM/INST.

B 225 Cell Biology (3-0-3) (F/S). Structure and function in prokaryotic and eukaryotic cells, cellular energetics and metabolism, mitochondria and chloroplasts, cell and organelle genetics, chromosomal aberrations, and medical applications of Cell Biology. Prerequisite: One year of college Biology and prior or concurrent enrollment in Organic Chemistry.

UPPER DIVISION
B 303 General Bacteriology (3-6-5) (Area III). A general survey of the field of Bacteriology: techniques, cytology, taxonomy, growth, physiology, ecology, genetics, evolution, control, medical aspects and immunology. Prerequisite: C 317, B 225, PERM/INST.

B 305 Teaching Science in the Secondary School (3-0-3) (Area III). An introduction to the subject matter of science and the process of scientific inquiry. The nature of science is studied in terms of methods and objectives applicable to science teaching. Emphasis is placed on communicating scientific ideas, effective methods of instruction and evaluation, and available curricular materials. Offered alternate years.

B 310 Pathogenic Bacteriology (2-4-4) (S). Medically important bacteria, rickettsias, and chlamydias are surveyed with emphasis on their pathogenicity, host-parasite relationships, and the clinical and diagnostic aspects of the diseases they produce in humans and animals. Prerequisite: B 300, PERM/INST.

B 343 Genetics—Lecture (3-0-3) (F). A study of the principles of Genetics as they relate to living organisms. Prerequisite: BT 130, Z 130, PERM/INST.

B 344 Genetics Laboratory (0-3-1) (F). A practical course in the techniques of growing and analyzing genetic materials. Drosophila and other organisms will be cultured and analyzed; reports will be submitted. Prerequisite: prior or concurrent enrollment in B 343 required.

B 401 Organic Evolution (3-0-3) (S). Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanisms of evolutionary change, adaptation, speciation, and phylogeny. Genetics recommended. Offered alternate years. Prerequisite: BT 130, Z 130, PERM/INST.

B 412 General Parasitology (3-3-3) (S). Animal parasites with emphasis on those of man and his domestic animals. Lectures cover general Biology, life history, structure, function, distribution, and significance of parasites. Laboratory provides experience in identification and detection. Prerequisite: B 225, PERM/INST.


B 416 Applied and Environmental Microbiology Laboratory (6-3-1) (S). Microbiological and biochemical methods of environmental assessment. Prior to concurrent enrollment of B 415. Prerequisite: B 300, PERM/INST.

B 420 Immunology (3-0-3) (F). A survey of the principles of immunology, host defense systems, the immune response, immune disorders, serology and other related topics. Representative laboratory procedures will be demonstrated. Prerequisite: B 303, PERM/INST.

B 423 Bioecology (3-0-3) (S). A survey of the physical factors of the environment and their effect on the mode of life and distribution of plants and animals. Environmental and biological interrelationships of organisms will be discussed. Prerequisite: BT 130, Z 130, PERM/INST.

B 424 Bioecology Laboratory (6-3-1) (S). Field and laboratory investigations into topics of physical habitats, populations, pollution, etc. Weekend field trips may be taken. Prior or concurrent enrollment in B 423 required.

B 488, 498 Biology Seminar (1-0-1) (F/S). A review of pertinent literature on selected topics. Restricted to senior Biology majors.

BT BOTANY

LOWER DIVISION
BT 115 Mushrooms of Idaho (2-0-2) (F). A survey of the fleshly fungi with emphasis on collecting and identifying species of Idaho mushrooms. Edible and poisonous species will be discussed. Weekend field trips arranged.

BT 130 General Botany (3-4-3) (F/S) (Area III). An introduction to a plant biology which includes the study of cells, genetics, whole plant physiology and functions, ecology, classification, and economic importance.

BT 201 Systematic Botany (2-4-4) (S). The several systems of classification are discussed; terms used in taxonomic literature must be mastered. Keys and manuals are used to identify collected specimens of local flora. Prerequisite: BT 130, PERM/INST.

UPPER DIVISION
BT 302 Plant Anatomy (2-4-3) (S). A study of the structure and development of vascular plant tissues, regions, and organs. Emphasis will be placed on the Angiosperms. Prerequisite: BT 130, B 225, PERM/INST.

BT 311 Plant Morphology (3-4-4) (F). A comparative study of the structure, function, reproduction, and development of major plant groups. Phylogeny, Paleobotany, and economic importance of various plant groups will be considered. Prerequisite: BT 130, B 225, PERM/INST.

BT 336 Mycology (3-3-4) (F). A study of the biology of fungi with emphasis on their classification, morphology and development, identification, ecology, and economic significance. Laboratory work will include projects and field trips. Prerequisites: BT 130, B 225, PERM/INST.

BT 401 Plant Physiology (3-3-4) (F). Emphasis placed on physical and chemical processes of plant body functions. Includes coverage of cell, tissue, and organ functions; mineral requirements; metabolism, water uptake, photosynthesis, soil chemistry; and the alkaloids and glucosides synthesized by plants. B 302 and PH 101, 102 recommended. Prerequisite: B 225, B 317, PERM/INST.

FS FORESTRY

LOWER DIVISION
FS 101 General Forestry (2-0-2) (S). A survey of forestry, timber management and economics, and the propagation of important trees of the United States.

Z ZOOLOGY

LOWER DIVISION
Z 107 Concepts of Human Anatomy and Physiology (3-2-4) (F/S). A survey of human structure and function with emphasis on regulatory mechanisms of the body. This is a terminal course and does not satisfy allied health program requirements.

Z 111, 112 Human Anatomy and Physiology (3-3-4). A two-semester sequence for students whose career objectives require the thorough study of human anatomy and physiology. Z 107 cannot be substituted for either semester of this sequence. One semester of this sequence cannot be substituted for Z 107. Prior to concurrent enrollment in C 107 is recommended.

DEPARTMENT OF CHEMISTRY
Science-Education Bldg., Rm. 315
Phone 208/385-3983
Chairman and Professor: Mr. Jack L. Dalton; Professors: Banks,
Carter, Ellis, Hibbs, Peterson, Stark; Associate Professors: Matjeka, Mercer.

The Department of Chemistry offers Baccalaureate Degree programs in Chemistry to prepare students to:
- teach Chemistry in secondary schools
- enter a career in the Chemistry Laboratory
- attend a graduate school in Chemistry or Biochemistry
- attend a professional school in medicine

The Chemistry curriculum of Boise State University offers an education based upon employment requirements of industry,
educational institutions, and governmental agencies, while emphasizing the individual needs and capabilities of each student.
The staff of the Chemistry Department recognizes that students are most successful if their training has prepared them for
a specific career field, but also recognizes that a broad background affords the best opportunity for a future career selection.

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:
This degree prepares the student for employment as a chemist or for admission to medical school.
1. General University and Baccalaureate Degree Requirements. See pages 31.
   A. Chemistry
      College Chemistry C 131, 132, 133, 134 4
      Organic Chemistry C 171, 172, 173, 174 9
      Physical Chemistry C 211, 212, 213, 214 7
      Quantitative Analysis C 211, 212, 213 6
      Advanced Inorganic Chemistry C 401 3

II. Secondary Education Option:
This degree program prepares the student to teach Chemistry in secondary schools.
1. General University and Baccalaureate Degree Requirements. See page 31.
2. Major Endorsement Requirements
   A. Chemistry
      College Chemistry C 131, 132, 133, 134 9
      Quantitative Analysis C 211, 212, 213 5
      Organic Chemistry C 317, 318, 319, 320 10
      Physical Chemistry C 321, 322, 323, 324 8
      Additional Upper Division Course(s) 3-4
   B. Mathematics
      Completion of Mathematics through M 206
   C. Physics
      Physics Sequence
      PH 220, 221, 222, 223 11

3. Idaho Certification Requirements
   - Foundations of Education TE 201 3
   - Education Exceptional Secondary Students TE 333 1
   - Educational Psychology P 325 3
   - Secondary School Methods
     TE 381, C 305 6
   - Senior High School Student
     Teaching TE 493 8
     The Senior High School TE 487 1
   - Reading in Content Subjects TE 307 3

NOTE: The Idaho Professional Standards Commission now requires a year of Biology.
### SCHOOL OF ARTS & SCIENCES

#### (Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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**FRESHMAN YEAR:**
- English Composition E101-102 ........................................... 3 3
- College Chemistry C131, 132, 133, 134 ................................. 4 5
- Mathematics M 111, 204 .................................................. 5 4-5
- Degree Requirements .......................................................... 6
- Physics I PH 220 .............................................................. 15
  - E201-102 ........................................................................ 15-16

**SOPHOMORE YEAR:**
- Quantitative Analysis C211, 212 .............................................. 5
- Mathematics M 205, 206 ...................................................... 4 4
- Physics Lab I and PH 223, 224 ............................................. 1 1
- General Psychology P 101 ................................................... 3
- Degree Requirements .............................................................. 6
- Foundations of Education TE 201 ........................................... 16

**JUNIOR YEAR:**
- Physical Chemistry C 321, 322, 323, 324 ............................... 4 4
- Organic Chemistry C 317, 318, 319, 320 ............................... 5 5
- Educational Psychology P 329 ............................................... 3
- Teaching Science in Secondary School C 305 ............................ 3
- Degree Requirements or Electives ........................................... 3
- School C 305 ........................................................................ 3

**SENIOR YEAR:**
- Upper Division Chemistry Course ........................................... 3
- Chemistry Seminar C 498, 499 .............................................. 1 1
- Secondary School Methods TE 381 ........................................ 3
- Senior High School Teaching GE 483 .................................... 8
- The Senior High School GE 487 ........................................... 8
- Degree Requirements or Electives ........................................... 3
- School C 305 ........................................................................ 1
- Degree Requirements and Electives ........................................ 12
- School C 305 ....................................................................... 17
- Degree Requirements .............................................................. 13

Students who do not have a Chemistry degree may be certified to teach Chemistry in secondary schools. Refer to page 102 of this Catalog where minor certification endorsements for teaching areas are listed in the Department of Teacher Education.

### COURSE OFFERINGS

#### C CHEMISTRY

**LOWER DIVISION**

**C 109 Concepts of Chemistry (3-3-4) (Area III).** A descriptive nonmathematical course designed to acquaint students with the science of Chemistry and the relationship of Chemistry to other fields of study and to modern life. This course cannot serve as a prerequisite to any other Chemistry course, nor will it serve as part of a Chemistry sequence. Students who have received credit for C 108 or C 133 may not receive credit for C 109.

**C 108 Preparation for Chemistry (0-3-1).** Lectures and recitations for students lacking necessary background for essentials of Chemistry. Mathematics, basic definitions, and basic concepts of Chemistry. To be taken prior to or concurrently with C 107.

**C 107 Essentials of Chemistry (3-3-3) (Area III).** The first semester of a sequence course for non-science majors who require only one year of Chemistry. Basic concepts of organic and inorganic Chemistry. Prerequisite: High School Chemistry or C 103 or concurrent enrollment in C 103. Concurrent enrollment in C 103 is required.

**C 108 Laboratory for Essentials of Chemistry (3-0-3) (Area III).** The laboratory to accompany C 107. Concurrent enrollment in C 107 is required.

**C 109 Essentials of Chemistry (3-0-3) (S, SU) (Area III).** A continuation of C 107 to include basic concepts of Biochemistry. Prerequisite: C 107 and concurrent enrollment in C 110 is required.

**C 110 Laboratory for Essentials of Biochemistry (0-4-2) (S, SU) (Area III).** The laboratory to accompany C 109. Prerequisite: C 107. Concurrent enrollment in C 109 is required.

**C 111 College Chemistry (3-0-3) (F, SU) (Area III).** The first semester of a one-year sequence course. A thorough study of the fundamentals of Chemistry including atomic and molecular structure, stoichiometry, physical states, and solutions. Prerequisite: M 111 or 108. Concurrent enrollment in C 112 is required.

**C 112 Laboratory for College Chemistry (3-0-3) (F, SU) (Area III).** Laboratory work to accompany C 111. Prerequisite: C 111.

**C 133 College Chemistry (3-0-3) (S, SU) (Area III).** A continuation of C 111 to include equilibrium, redox, and complex ions. Prerequisite: C 131, 132.

**C 134 Laboratory for College Chemistry (0-6-2) (S, SU) (Area III).** Laboratory work to accompany C 133. To include qualitative analysis. Prerequisite: C 131, 132.

### DEPARTMENT OF COMMUNICATION

#### Administration Bldg., Rm. 218
Phone 208/385-3320

**Chairman and Professor:** Dr. Robert R. Boren; **Professor:** Boyle; **Associate Professors:** Cox, McLuskie, Parker, Pitman, Rayborn, Trapp; **Assistant Professors:** Craner, McGorkie, Traynowicz.

**REQUIREMENTS FOR COMMUNICATION MAJOR**

1. Completion of general University requirements for Bachelor of Arts degree as listed on pages 32, 33.
2. All majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses:
   - Introduction to Communication Study CM 115 ............... 2
   - Perspectives of Inquiry CM 201 ......................... 3
   - Perspectives on Communication CM 421 ............. 3

**GRADUATE COURSES**

The department offers certain graduate courses. See Part VIII, Graduate School, for course descriptions.
COMMUNICATION MAJOR
Bachelor of Arts Program

The following is provided for purposes of illustration. Students should work out specific programs with a departmental advisor.

INTERPERSONAL COMMUNICATION EMPHASIS
1. General University Requirements
2. Departmental Core Requirements 20
3. Suggested Courses as follows:
   A. Listening CM 131
      Interpersonal Communication CM 221
      Communication in the Small Group CM 251
      Interviewing CM 307
      Small Group Process CM 431 9
   B. Mass Communication Concepts and
      Perspectives CM 171
      Nonverbal Communication CM 341
      Intercultural Communication CM 351
      Organizational Communication CM 361
      Persuasion CM 412
      Public Relations CM 478 9
   C. Rhetorical Theories CM 321
      Message Analysis and Criticism CM 331
      Contemporary Public Communication CM 332 3
   D. Reasoned Discourse CM 112
      Communication Activities CM 114/314
      Voice and Diction CM 121
      Public Speaking CM 231
      Oral Interpretation CM 241
      Reporting and Newswriting CM 273
      Applied Communication CM 312
      Communication Practicum CM 451
      Radio-TV Newswriting CM 471 4-14

MASS COMMUNICATION EMPHASIS
1. General University Requirements
2. Departmental Core Requirements 20
3. Suggested Courses, as follows:
   A. Mass Communication: Concepts and
      Perspectives CM 171
      Intercultural Communication CM 351
      Organizational Communication CM 361
      Ethics, Law and Communication CM 461
      Persuasion CM 412
      Public Relations CM 478 9
   B. Reporting and Newswriting CM 273
      Photo Communication CM 277
      Journalistic Communication Practicum CM 372
      Communication Graphics CM 379
      Ethics, Law and Communication CM 461
      Internship CM 493 3
   C. Departmental Electives 7-11

SECONDARY EDUCATION EMPHASIS
1. General University Requirements
2. Departmental Core Requirements 20
3. Education Requirements (see Section VI
   Secondary Education)
4. Suggested Courses, as follows:
   A. Oral Interpretation CM 241
      Methods of Teaching Communication CM 401 3
   B. Reasoned Discourse CM 112
      Communication Activities CM 114/314

COMBINED MAJOR
COMMUNICATION — ENGLISH

A. With Journalism emphasis: Department requirements
   COMMUNICATION
   Introduction to Communication Studies CM 115 2
   Perspectives on Inquiry CM 201
   Communication Laboratory CM 116, 216
   Interpersonal Communication CM 221
   Rhetorical Theories CM 321
   Departmental Electives (Upper Division) 10 27

   ENGLISH
   *Literature Survey
   **Composition above the basic sequence
   ***Introduction to Language Study LI 305
   ***Literature Electives (Upper Division) 12 27
SCHOOL OF ARTS & SCIENCES

(Add Senior Seminar - Either CM 498 or E 498 - 2 hours)

Total Hours: 56 (27 and 27 and 2)

*British or American. Students should consider Upper Division courses they will want to take.
**To be chosen from Advanced Expository Composition (E 201), the Creative Writing sequence or technical writing.
***3 hours in courses before 1800.

B. With Communication emphasis: Department requirements

COMMUNICATION

Introduction to Communication Studies CM 115 2
Perspectives on inquiry CM 201 3
Interpersonal Communication CM 221 3
Rhetorical Theories CM 321 3
Organizational Communication CM 361 3
Perspectives on Communication CM 421 3
Electives (Upper Division) 10

Total Hours: 45

ENGLISH

Advanced Writing and Linguistics.

Literature Survey 6
Humanities HU 207, 208 3
Electives (Upper Division) 9

Total Hours: 27

N.B. Electives:
1. If a student does not elect another Humanities course (either HU 207 or 208), then he should take 9 additional Upper Division courses in each department.
2. If a student elects the extra 3 hours in Humanities (either HU 207 or 208), then he would take 6 Upper Division hours in Communication or English and 9 Upper Division hours in the other department.

COURSE OFFERINGS

CM COMMUNICATION

LOWER DIVISION

CM 111 Fundamentals of Speech Communication (3-0-3) (AREA II). Fundamental principles of effectively preparing and delivering messages in one-to-one, small group, and public speaking contexts.
CM 112 Reasoned Discourse (3-0-3) (AREA II). Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositions, issues, arguments, evidence, fallacies of arguments and various systems of reasoning. Preparation for and participation in activities designed to apply the principles of logical reasoning in the public forum.
CM 114 Communication Activities (1-0-1). Preparation for and participation in communication activities: intercollegiate debate competition, individual speaking or community speaking activities. Prerequisite: Permission of the instructor. CM 114 and CM 314 may be repeated for a total of 8 credits, not more than four of which may be applied toward the degree in communication.
CM 115 Introduction to Communication Studies (2-0-2). Dimensions of human communication, historical and contemporary concepts, communication degree programs, and career opportunities.
CM 116 Communication Laboratory (1-1-2). An experimental probe into human communication through participation in practical applications of concepts, communication requirements, and technologies. May not be taken concurrently with CM 216, 316, 416.
CM 121 Voice and Diction (3-0-3). Study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in the production of speech. An investigation of the student's individual speech problems.
CM 122 Introduction to Manual English (3-0-3). An introduction to Manual English sign system with emphasis placed on initial skills and on finger spelling, sign vocabulary and total communication. History and rationale will be covered.
CM 123 Listening (3-0-3). Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening.
CM 171 Mass Communication: Concepts and Perspectives (3-0-3) (F/S). A survey of communication theory as related to current practice of the mass media. Emphasis is placed on the examination of the consumer of mass communication.
CM 201 Perspectives of inquiry (3-0-3) The nature, sources and tests of knowledge, various views of theories, theory building, models, and the nature of inquiry.
CM 202 Research Methods (3-0-3) (F/S). Historical, critical, descriptive, and experimental research methods and tools in communication. Students design, conduct, report, and evaluate research projects.
CM 216 Communication Laboratory (V-V-1 to 4). Participation in a community in which students form their own economy, government, and produce and consume communication products and services. Development of and participation in workshops and short courses. May be repeated for a total of 4 credits. Prerequisites: CM 115, CM 116. May not be taken concurrently with CM 116, 316, 416.
CM 221 Interpersonal Communication (3-0-3). An examination of the nature of human communication. Focuses on the development of thought, on awareness of self, communication relationships and community.
CM 231 Public Speaking (3-0-3). Analysis of methods and techniques of message composition. Practice in the presentation of public speeches.
CM 241 Oral Interpretation (3-0-3). Practice in reading prose, poetry, and drama to help the student determine a logical and emotional meaning for a selection, and project that meaning to listeners.
CM 251 Communication in the Small Group (3-0-3). A study of human interaction in small groups. Emphasis on actual experience in working in small groups. Includes concepts in planning, preparing, and participating in group discussion and decision making.
CM 273 Reporting and News Writing (3-0-3). Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis on accuracy, conciseness and clarity of writing. Study of newspaper style—usage, grammar, punctuation, capitalization—and the use of copyreading symbols. Prerequisite: Ability to use typewriter.
CM 277 Photo Communication (2-2-3) (F). Photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. Prerequisite: AR 251 or PERM/INST.

UPPER DIVISION

CM 301 Interviewing (3-0-3). Communication behavior in two-person situations. Practical experience in various types of interviews as confronted in business, in education, and in the professions.
CM 311 Speech—Communication for Teachers (3-0-3). Designed to improve the prospective teacher's awareness of scientific and creative aspects of effective teaching. Includes stress on various communication situations confronted by teachers and teachers and strategies for maximizing student-teacher relationships.
CM 312 Applied Communication (3-0-3). An application of basic principles of communication to real-life situations involving current community problems and issues. Prerequisite: CM 111.
CM 314 Communication Activities (1-0-1). Preparation for and participation in communication activities: intercollegiate debate competition, individual speaking or community speaking activities. Prerequisite: Permission of the instructor. CM 114 and CM 314 may be repeated for a total of 8 credits, not more than four of which may be applied toward the degree in communication.
CM 316 Communication Laboratory (V-V-1 to 4). Participation in a community in which students form their own economy, government, and produce and consume communication products and services. Development of and participation in workshops and short courses. May be repeated for a total of 4 credits. Prerequisites: CM 115, CM 116. May not be taken concurrently with CM 116, 316, 416.
CM 321 Rhetorical Theories (3-0-3). An examination of theories concerning the complexity of communication contexts; the nature of messages, messages, and men, including analysis of various message strategies.
CM 322 Intermediate Manual English (3-0-3) (S). A continuation in building skills, vocabulary, and expressive signing techniques. A refining of abilities in communication work and gesturing. Techniques for achieving a total communication with the deaf will be expanded to cover educational and social situations. Prerequisite: CM 122.
CM 331 Message Analysis and Criticism (3-0-3). An examination of methods of analyzing and criticizing messages and their application to making critical appraisals of public communication.
CM 332 Contemporary Public Communication (3-0-3). The nature, function, and influence of public communication in contemporary society. An examination of major events and issues in an attempt to identify particular characteristics of public dialog which reflect, reinforce, and alter public opinion.
CM 341 Nonverbal Communication (3-0-3). An examination of the function of non-verbal behavior codes in communication.
CM 351 Intercultural Communication (3-0-3). An analysis of societal and cultural influences on interpersonal communication. A critical examination of communication within and among subcultures as well as across cultural boundaries.
CM 361 Organizational Communication (3-0-3). The application of communication theory and methodology to the study of communication within the formal organization. Theories and problems of communication within and between organizations.
CM 372 Journalistic Communication Practicum (Var 1 to 4). Designed for students who seek professional experience and professional careers. Offers students training with professionals in the community. Prerequisite: PERMISSION/INST. May be repeated for a total of 4 hours.
CM 401 Methods of Teaching Communication (3-0-3). Analysis and planning of curriculums for speech communication. A study of instructional materials, classroom techniques and methods, development of behavioral objectives, and management of classroom programs.
CM 412 Persuasion (3-0-3). Emphasis on theories of persuasion. Examination of variables and message strategies relevant to the persuasive process. Practical application of theory in the analysis and construction of persuasive messages.
4. E 341, Medieval Epics and Romances 3
5. Shakespeare E 345 or E 346 3
6. E 390, Folklore 3
7. E 393, History of Literary Criticism 3

b. Area Requirements
2. History other than U.S. or British history courses 6
3. World Drama TA 341, TA 342, TA 343, TAK 445 3
4. British Literature courses numbered from E 340 to E 369 9
5. Upper-division electives in Literature or Linguistics 11

4. General Option, Linguistics Emphasis
a. Specific Courses
1. LI 305, Introduction to Linguistics 3
2. LI 307, Applied English Linguistics 3
3. LI 309, History of the English Language 3
4. LI 405, Modern English Structure 3
5. LI 407, Applied Linguistics in Teaching ESL 3
6. E 493, ESL Internship 3

b. Area Requirements
1. Old or Middle English language and Literature (E 340, for example) or a foreign literature read in the original language 3
2. One year of a foreign language 4
3. AN 102, Cultural Anthropology or a second year of a foreign language or one year of a second foreign language 3 or 4
4. Upper-division literature 11

5. General Option, Writing Emphasis
a. Specific Courses
1. E 201, Advanced Expository Composition 3
2. E 202, Technical Writing 3
3. E 401, Advanced Writing 3
4. E 493, Writing Internship 3

b. Area Requirements
1. Creative Writing E 205, E 206, E 305, E 306 6
2. Linguistics LI 305, LI 307, LI 309, LI 405 6
3. Related fields P 341, PY 247, HY 210, CM 471, CM 473, CM 474 9
4. Lower-division literature electives 3-9
5. British Literature courses numbered from E 340 to E 369 15
6. Upper-division literature electives in Literature or Linguistics 5-11

Minor Endorsement: English Advanced Composition 3
Linguistics 3
E 301, 381 3
Survey of American Literature E 271, 272 3
Lower Division Literature 6
Upper Division Literature 8
Successful completion of departmental competency exam

To be selected from: World Literature, E 230, 235; British Literature, E 240, 260; Far Eastern Literature, E 216.

THEATRE ARTS MINOR FOR ENGLISH

Technical Theatre (Basic set drawing and construction) TA 117 4
Technical Theatre (Basic set design, painting, lighting) TA 116 4
Acting TA 215 3
Major Production Participation TA 331 3

One of the following:
Stage Voice TA 233 3
World Drama, 500 B.C. to 1570 TA 341
World Drama, 1570 to 1870 TA 342
World Drama, 1870 to 1960 TA 343
Contemporary Theatre TA 445
Directing TA 401 3

COURSES APPLYING TO BOTH DISCIPLINES

One of the following:
Shakespeare: Tragedies and Histories E 345
Shakespeare: Comedies and Romances E 346 3

Total hours in Theatre Arts Minor for English Major 23

COMBINED MAJOR
COMMUNICATION — ENGLISH

The combined major is designed for students interested in jobs in business and industry or mass communication. It offers an opportunity to combine courses in complementary subject areas. Students may select an emphasis in Journalism or in Communication under the combined major.

Refer to page 45 under the Department of Communication for the listing of requirements.

COURSE OFFERINGS

E ENGLISH

Students who transfer from other schools with qualifying scores on objective tests equivalent to those administered to Boise State University freshmen will be required to take only the essay section of the placement tests. See requirements below for remedial and advanced placement in English Composition.

Nine credits of Creative Writing may be counted toward fulfillment of the major requirements.

LOWER DIVISION

E 100 Developmental Writing (1-2-0). Training in writing and editing processes with emphasis on correctness and sentence structure. Attention to fluency, organization, development, revision. Required if writing sample demonstrates need or if ACT, SAT, or TSWE score is below 20 centiles. Also for basic review. Successful completion of competency test required.

E 101 English Composition (3-0-3) (CORE). Basic skills in writing, including use of supportive materials, development, introduction to writing and study of ideas through literature. Successful completion of competency test required. Prerequisite: ACT score 20 or 5 in Developmental Writing.

E 102 English Composition (3-0-3) (CORE). Advanced practice in expository writing, which may include literary material as a means of teaching critical reading and writing and communication of complex ideas. Successful completion of competency test required. Prerequisite: E 101 or PERM/INST.

E 111, 112 Honors Composition (3-0-3) (CORE). Provides superior student challenge emphasizing individual study and original writing. Introduction to critical writing and study of ideas through literature. Honors 111 concentrates on lyric, poetry, essays, and short fiction. Normal prerequisite: ACT of 60 centiles or above for E 111. Successful completion of competency test required. Prerequisite: E 111 or PERM/CHMN for E 112.

E 120 English as a Second Language (5-0-3) (F/IS). Basic skills in American English pronunciation, sequence structure, composition and reading for foreign students with TOEFL scores (or equivalent) of 551-575. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and PERM/INST. Credit not applicable toward requirements for graduation.

E 121 English as a Second Language (5-0-3) (F/IS). Continuation of E 120 with special emphasis on vocabulary development. Reading and development of skills in written English. For foreign students with TOEFL scores (or equivalent) of 500-550. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

E 122 Composition and Reading for Foreign Students (5-0-3) (F/IS). Practice in college level reading and composition, development of special vocabulary skills related to individual needs, advanced English sentence structure. For foreign students with TOEFL scores (or equivalent) of 500-509. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

E 123 Advanced English Composition for Foreign Students (5-0-3) (F/IS). Study of and practice in the principles of formal and informal written English; principles of the essay and research paper; continuation of vocabulary development; mastery of the more complex types of English structure. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and PERM/INST. The sequence E 122-123 satisfies the E 101 requirement for foreign students.

E 131 Introduction to Literature (3-0-3) (F/IS). A study of popular and classic novels, short stories, plays, and poems by notable American, British, and other authors. Students will see film or television versions and hear recorded renditions of some of the works read. Prerequisite: Completion of or concurrent enrollment in E 101 or PERM/CHMN.

E 201 Advanced Expository Composition (3-0-3) (F/IS). An advanced writing course for students who wish to develop skills beyond those acquired in English Composition. Students will read specimens of professional writing as well as criticizing the work of other students. Extensive writing practice stressing organization, clarity and effectiveness. Prerequisite: E 102 or PERM/CHMN.
I'E3IDChaucer (3-0-3) (F). Emphasis on Medieval Epics and Romances (3-0-3) (F IS). Representative English and continental Native American beliefs and practices as reflected in authentic oral narratives. Cultural movements and literary forms in England from the Middle Ages through the 18th century. Artistic, philosophical, social, scientific, and intellectual influences on Western civilization. Emphasis on Greek, Norse, and Judeo-Christian mythologies and their relation to religion, literature, art, and modern psychology. Prerequisite: E 102.

E 230 Western World Literature (3-0-3) (F) (Area I). An introduction to writings of the great minds which have shaped Western artistic and literary past and present. Reading includes selections from ancient Greece, imperial Rome, medieval Europe, and Renaissance Europe. Prerequisite: E 102.

E 220 Western World Literature (3-0-3) (F) (Area I). An introduction to writings of the great minds which have shaped Western artistic and literary past and present. Reading includes selections from ancient Greece, imperial Rome, medieval Europe, and Renaissance Europe. Prerequisite: E 102.

E 235 American Writers and the Emergence of an Independent American Outlook. As seen in the works of such authors as Twain, James, Hemingway, Eliot, and Faulkner. Prerequisite: E 102.

E 240 Survey of British Literature to 1790 (3-0-3) (F/S) (Area I). Examines the dominant works of English and American writers and the emergence of an independent American outlook, as seen in the works of such authors as Twain, James, Hemingway, Eliot, and Faulkner. Prerequisite: E 102.

E 271 Survey of American Literature: Beginnings to Civil War (3-0-3) (F/S) (Area I). This course traces the artistic, philosophic, social, scientific, and intellectual influences on American writers and the emergence of an independent American outlook, as seen in the works of such authors as Thoreau, Hawthorne, Melville, Emerson, and Whitman. Prerequisite: E 102.

E 272 Survey of American Literature: Civil War to Present (3-0-3) (F) (Area I). This course traces the continued development of American Literary thought as revealed in the works of such authors as Twain, James, Hemingway, Eliot, and Faulkner. Prerequisite: E 102.

E 310 Teaching English Composition (3-0-3) (F/S). Methods and techniques for teaching English composition in college, secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, and integration of composition into the rest of the English program. Prerequisite: Three credits literature or PERM/CHMN.

E 305 Creative Writing — Advanced Poetry (3-0-3) (S). Prerequisite: E 205 or PERM/INST based on evaluation of student's work. May be repeated for nine credit hours.


E 336 Nineteenth-Century Continental Literature (3-0-3) (S). Major European writers in the 19th century in translation. Reading maintains a chronological approach stressing the relationship of the literature to the socio-economic and political conditions of the times. Works of Goethe, Stendhal, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoi are included. Prerequisite: E 102 or PERM/CHMN. Alternate years. To be offered 1982/83.

E 337 Twentieth-Century Continental Literature (3-0-3) (S). Twentieth century philosophical trends and cultural themes are emphasized in the reading. Includes works by Manu Maturac, Kafka, Hesse, Grass and Sollers, which examines mythological, existential, religious, and political themes in relation to contemporary human values. Prerequisite: E 102 or PERM/CHMN. Alternate years. To be offered 1982/83.

E 304 Chaucer (3-0-3) (F). Emphasis on The Canterbury Tales and Troilus and Cressida. Also representative minor works. Prerequisite: Three credits, lower division literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 301 Medieval Epics and Romances (3-0-3) (F). Representative English and continental epics and romances, including Beowulf, Sir Gawain, and The Green Knight, Christen de Troyes, Arthurian Romances, The Song of Roland, The Nibelungenlied, The CID. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1983/84.

E 302 Shakespeare: Tragedies and Histories (3-0-3) (F/S). A selection of the tragic plays including Romeo & Juliet, Hamlet and King Lear, and the best plays concerning English history. Prerequisite: Three credits of literature or PERM/CHMN.

E 303 Shakespeare: Comedies and Romances (3-0-3) (F/S). Representative plays such as Much Ado About Nothing, Twelfth Night, and The Tempest. Prerequisite: Three credits of literature or PERM/CHMN.

E 304 British Renaissance Poetry and Prose (3-0-3) (F/S). A study of the poetry and prose of the English Renaissance. Includes works by Spenser, Shakespeare, and Bacon. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 305 Elizabethan and Jacobean Drama (3-0-3) (F/S). Tragic and comic plays by Shakespeare's contemporaries such as Kyd, Marlowe, Jonson, Tourneur, Chapman, Middleton, Marston, Webster and Ford. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 306 Eighteenth Century Poetry and Prose (3-0-3) (S). The works of English authors such as Swift, Dryden, Bacon, Ben Jonson, John Donne, George Herbert, Andrew Marvell, Robert Burton, and Thomas Browne, who flourished in the first 80 years of the 18th century. Their philosophical and scientific background of this period. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 307 Milton (3-0-3) (S). A study of John Milton's major poetry and prose, with special emphasis on Paradise Lost, Paradise Regained and Samson Agonistes. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 308 British Drama: The Restoration to the Decadent Movement (3-0-3) (F). A study of Restoration tragedy, the comedy of manners, sentiment, language and dialogue, and opera. Playwrights read include Wycherley, Dryden, Etheridge, Congreve, Gay, Sheridan, Goldsmith, Gilbert and Sullivan. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 309 Restoration and Eighteenth Century Poetry and Prose (3-0-3). A study of literary currents in the British Enlightenment—from satiric to sentimental, reasonable to Romantic, pastoral to grand. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1983/84.

E 310 British Novel: Beginnings Through Austen (3-0-3) (F). An investigation of the novel as a literary form and exploring the works of Defoe, Richardson, Fielding, Smollett, Sterne, Austen and others. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumptions about the world around us. Prerequisite: Three credits of literature or PERM/CHMN.

E 311 British Romantic Poetry and Prose (3-0-3) (F). Readings in Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, and others. These Romantics provide freshly imagined patterns of emotional and intellectual response to nature and our place in it. Prerequisite: Three credits of literature or PERM/CHMN.

E 312 Victorian Poetry (3-0-3) (S). Readings in Tennyson, Browning, Arnold, and others. Their poems are the sometimes sane, sometimes shocking reflections of trying to find and keep truth in our moral values amidst natural but unhealthy times. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1983/84.

E 313 Victorian Prose (3-0-3) (S). Great prose stylists, including Carlyle, Arnold, Newman, Ruskin, and Pater, bring insights to controversy over issues still with us. Their subjects range from industrialism to mysticism, their purposes from amusement to reform. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 314 British Novel: Scott Through Hardy (3-0-3) (S). An investigation of the development of the English novel during the nineteenth century with particular attention to the classics lower-division literature or PERM/CHMN. Prerequisite: Three credits of literature or PERM/CHMN.

E 315 American Renaissance (3-0-3) (F). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulsion of Puritanism, Romanticism, Realism, Idealism, and the Revolution, produced the works of Whitman, Dickinson, Twain, Melville, America, and others. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumptions about the world around us. Prerequisite: Three credits of literature or PERM/CHMN.

E 316 American Realism (3-0-3) (F). American literature from the Civil War to World War I. Mark Twain, Stephen Crane, Henry James, W. D. Howells, Kate Chopin, and fellow Realists wrote about the average person in the light of common day. Their novels show how American writers were increasingly influenced by science, business, and art. Prerequisite: Three credits of literature or PERM/CHMN.

E 317 Methods of Teaching Secondary School English (3-0-3) (F). Study of traditional and modern theories and methods of teaching English at the secondary level. Prerequisite: Introduction to Language Studies L1 305.

E 318 Literature of the American West (3-0-3) (F). The literary merits of works by representative Western writers such as Wallace Stegner, Owen Wister, H. L. Davis, John Steinbeck, and William Carlos Williams. Discussion is given to the various literary currents that have shaped American and Western types such as the mountain man, the cowboy and the pioneer. Prerequisite: Three credits of literature or PERM/CHMN.

E 319 Modern British and American Fiction (3-0-3) (F). Designed to acquaint both non-majors and majors with typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by authors such as Chekhov, James, O. Henry, Steinbeck, Miller, Hemingway, Joyce, Lawrence, O'Connor, Steinbeck, Welty, and others. Prerequisite: Three credits of literature or PERM/CHMN.

E 320 Modern British and American Drama (3-0-3) (F). An analysis of the various dramatic confrontations between 20th century audiences and actors arranged by dramatists as far apart in their times, themes, and techniques as Shaw and Stoppard. O'Neill, and Osborne. Prerequisite: Three credits of literature or PERM/CHMN.

E 321 Folklore (3-0-3) (F). Study of what folklore is, its written and oral traditions, and its different genres. Prerequisite: E 102.

SCHOOL OF ARTS & SCIENCES

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DEPARTMENT OF FOREIGN LANGUAGES AND LITERATURES

Liberal Arts Bldg., Rm. 206 Phone 208/385-3956
Chairman and Associate Professor: Dr. John B. Robertson; Professors: Jocums, Valverde; Associate Professors: Jose, Schoonover; Emeriti: Power; deNeuville.

FOREIGN LANGUAGE MAJOR
Bachelor of Arts Degree

Completion of general University requirements for the Bachelor of Arts Degree (see pages 32, 33).

GERMAN MAJOR, BA Option

1. To begin the program for the BA in German, the student must demonstrate competency in German equivalent to the completion of elementary (G 101-102) and intermediate (G 201-202) German - 16 credit hours. Competency must be demonstrated by course work or placement/challenge procedure.

2. The program has a minimum of 36 semester hours of Upper Division work, 30 credits must be in German and 12 credit hours of these 30 must be on the 400 level.

3. The candidate must successfully complete one Senior Seminar.

4. The program must be developed in consultation with the major advisors and the department chairman.

5. The candidate must demonstrate his or her level of language competency in German on the MLA or equivalent examination during the last semester in the program.

GERMAN MAJOR, BA with Teaching Option

In addition to meeting the requirements for the BA in German, the candidate for a teaching certificate must also complete the following:

1. Requirements as indicated in the School of Education, Part VI.

2. From among the courses provided to complete 30 credit hours in German, the candidate must include: 6 credits of Advanced Conversation and Composition and 6 credits of Culture and Civilization.

3. The candidate must successfully complete the Foreign Language Methods course, FL 412. G 410 is recommended.

4. The candidate must demonstrate his or her level of language competency in German on the MLA or equivalent examination during the last semester in the program.

GERMAN, Teaching Option with a minor endorsement (21 credit hours)

Students wishing a minor endorsement in German must have completed the following:

1. Demonstrate competency equivalent to the completion of elementary (G 101-102) and intermediate (G 201-202) German - 16 credit hours, either by course work or by placement/challenge procedure, prior to beginning the option.

2. Advanced German Conversation and Composition, G 303, 304, 6 credits.

3. Selection from any German literature course, 6 credits.

4. Selection from any German literature course, 8 credits.

5. Teaching Methodology in Foreign Languages, FL 412, 3 credits.

6. The candidate must demonstrate his or her level of language competency in German on a standardized examination during the last semester in the program.

SPANISH MAJOR, BA Option

1. To begin the program for the BA in Spanish, the student must demonstrate competency in Spanish equivalent to the completion of elementary (S 101-102) and intermediate (S 201-202) Spanish — 16 credit hours. Completion must be demonstrated either by examination or course work.

2. The program has a minimum of 36 semester hours of Upper Division work, 30 credits must be in Spanish and 12 credit hours of these 30 must be on the 400 level.

3. The candidate must successfully complete one Senior Seminar.

4. The program must be developed in consultation with the major advisors and the department chairman.

5. The candidate must demonstrate his or her level of language competency in Spanish language and civilization on the MLA or equivalent examination during the last semester in the program.

SPANISH MAJOR, BA with Teaching Option

In addition to meeting the requirements for the BA in Spanish, the candidate for a teaching endorsement must complete the following:

1. Requirements in the School of Education as indicated in Part VI.

2. From among the courses provided to complete 30 credit hours in Spanish, the candidate must include: Spanish Linguistics, S 410, the Foreign Language Methods course FL 412, 6 credit hours of advanced Conversation and Composi-
tion and 6 credit hours of Culture and Civilization, specifically S 376 and 377. S 475 may be substituted for either S 376 or 377.
3. The candidate must also take, in addition to the Language and Culture Section, the Teaching Methodology and Linguistics Section of the MLA Proficiency Exam.

SPANISH, Teaching Option with a minor endorsement (24 credit hours)

Students wishing a minor endorsement in Spanish must have completed the following:
1. Demonstrate competency equivalent to the completion of elementary (S 101-102) and intermediate (S 201-202) Spanish — 16 credit hours, either by taking the courses or by examination, prior to beginning the option.
2. Advanced Spanish Conversation and Composition, S 303, 304, 6 credits.
3. Spanish and Spanish-American Culture and Civilization, S 376-377, 6 credits. S 475 may be substituted for either S 376 or S 377.
4. Selected from any Spanish literature course, 6 credits.
5. Applied linguistics in Spanish, S 410, 3 credits and Teaching Methodology in Foreign Languages, FL 412, 3 credits.
6. The candidate must demonstrate his or her level of language, civilization, linguistic and pedagogy competency in Spanish by a standardized examination during the last semester in the program.

FRENCH, Teaching Option with a minor endorsement (21 credit hours)

Students wishing a minor endorsement in French must have completed the following:
1. Demonstrate competency equivalent to the completion of elementary (F 101-102) and intermediate (F 201-202) French — 16 credit hours, either by course work or by examination, prior to beginning the option.
2. Advanced French Conversation and Composition, F 303-304, 6 credits.
4. French Literature, 6 credits.
5. Teaching Methodology in Foreign Language, FL 412, 3 credits.
6. The candidate must demonstrate his or her level of language competency in French by a standardized examination during the last semester in the program.

PLACEMENT TEST

Students with prior experience in a second language which exceeds the equivalent of one year of high school second language instruction, must take the Foreign Language placement test before enrolling. This test is administered prior to each semester. Please check the BSU Fall and Spring Calendars for specific times. Placement into the proper course will be made on the basis of placement test results in consultation with departmental advisors.

A student with competence in a language other than English may receive up to 16 credits in that language upon successful completion of one of the following:

a. Challenge of a language course in the BSU Catalog, see page 28.

b. Successfully complete a course for which there is a second language prerequisite — see BSU Catalog, page 26.

c. Demonstrate level of competence by a recognized test:
   1. National test such as MLA, FSI, CLEP or
   2. As administered through another university with recognized authorities in the language being tested, and certified in writing by that authority. With this option, the student shall also follow the administrative steps for a regular challenge — see BSU Catalog, page 28.

The Department of Foreign Languages and Literatures will provide a certificate of competence in a second language based on demonstrated ability in that language. The Department particularly encourages students not taking degrees in Foreign Language to seek second language certificates which may be placed in the Placement Bureau dossier for reference to future employers.

COUSE OFFERINGS

FL FOREIGN LANGUAGE

FL 412 Teaching Methodology in Foreign Languages (3-0-3). Discussion of problems and trends in language learning applied to practical activities in language acquisition. Evaluation of language learning objectives, instruction methods, culture presentations, teacher training aids and resource materials. Plan the common and individual teaching plans, presenting teaching units. Prerequisite: Nine Upper Division credits in one language or PERM/DEPT.

FR FRENCH

LOWER DIVISION

F 101-102 Elementary French (4-4-4) (F/S). These two courses provide the opportunity to master functional competency in understanding, reading, writing and speaking French. Students will read cultural and literary selections and compose essays in French. Format of the course: classroom instruction, conversation lab and practice in the language laboratory. Students who have had more than one year of high school French or its equivalent may not enroll in F 101 for credit except by PERM/DEPT.

F 101P-102P Programmed Elementary French (V-V-4). A self-paced, taped programmed course which provides for practice in pronunciation, reading, writing, grammar analysis and conversation. One period of conversation practice per week required.

F 201-202 Intermediate French (4-1-4) (F/S) (Area). These courses provide the environment to acquire competence to communicate in French. Students read selections from French literature and civilization. Students discuss and write in French. Format of the course: classroom instruction, practice in conversation and in A-V laboratories. Prerequisite: F 102 or PERM/DEPT.

UPPER DIVISION

F 303 Advanced French Composition and Conversation (3-0-3). This course, conducted in French, provides the matrix for enlarging one's French vocabulary and structure, and for speaking and writing French fluently. There will be discussions of the practical realities of the French speaking world concentrating on the common and high frequency expressions of the language. Essays based on class discussion will be written regularly. Prerequisite: F 202 or PERM/DEPT. Alternate years.

F 304 Advanced French Composition and Conversation (3-3-0). This course has similar objectives as F 303. Discussions and essays will concentrate on the civilization, culture and aesthetics in contemporary France. Discussions will be based on current French writings, style imitations and personal essays. Prerequisite: F 202 or PERM/DEPT.

F 328 Lectures Approches de la Poesie et de la Prose Francaises (3-0-3). Selected works of great French authors, all genres, between 1715 to 1939, with emphasis on prose. May be repeated once for credit. Prerequisite: F 202 or PERM/DEPT. Alternate years.

F 359 Les Grandes Oeuvres Contemporaines (3-0-3). Representative unabridged selections of the works of major authors and thinkers of France and the French speaking world since the beginning of the Second World War; for example, Ayme, Beckett, Sartre, Camus, Levy-Strauss and Chardin among others. Prerequisite: F 202 or equivalent. Alternate years.

F 378 La Civilisation Francaise Historique (3-0-3). Studies in the development and expansion of French culture from pre-history to the French Revolution: history, politics, art, geography, literature, music and science; assessment of the contribution of French civilization to the Western World. Prerequisite: F 202 or PERM/DEPT. Alternate years.

F 377 La Civilisation Francophone Moderne (3-0-3). Studies in modern French civilization since the end of the "ancien regime," the French Revolution: history, politics, art, geography, literature, music and science; assessment of France's contribution to the modern democracies. Prerequisite: F 202 or PERM/DEPT. Alternate years.

GR GREEK

GR 101-102 Greek Language & Literature (3-0-3). An introductory course providing the student with a basic knowledge of the forms and syntax of the language, with reading exercises and passages excerpted from ancient authors. Translation and analysis of extended pagan and Christian texts is undertaken. Etymological study illustrates the debt of modern languages to Greek. Alternate years.

LA LATIN

LA 101-102 Latin Language & Literature (3-0-3). An intensive, one-year, introductory course to provide a basic reading ability in classical Latin, and a basic knowledge of ancient Roman literature. The vocabulary, forms and syntax of Latin are emphasized with passages excerpted from Latin authors. Etymological study illustrates the debt of modern languages to Latin. Alternate years.

RU RUSSIAN

R 101-102 Elementary Russian (4-1-4). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. Classes meet four times a week, and there is one hour per week of required laboratory practice. The course is conducted in Russian. Alternate years.

DEUTSCH

GR 101-102 Elementary German (4-1-4). Listening, speaking, reading and writing skills in cultural framework. May not enroll in G 101 for credit with more than one year of high school German equivalent or PERM/INST. Students in G 102, lacking adequate preparation may drop back to G 101.
SCHOOL OF ARTS & SCIENCES

S 101P-102P Programmed Elementary German (0-4-4). Self-paced course; programmed texts, tapes, readings. Informal meetings with instructor. Performance tests at student's pace. Work in language lab or access to cassette player needed. May not enroll in G 101P or G 102P more than one year high school German or equivalent except with PERM/INST. Students lacking adequate preparation may do so.

S 201-202 Intermediate German (4-1-4) (Area II). A continuation of G 101-102, this course emphasizes listening, speaking, reading and writing. Focus on vocabulary building, grammar review, cultural and literary readings and writing assignments. Prerequisite: G 102 or equivalent as determined by placement exam and consultation.

UPPER DIVISION

G 303 Advanced German Conversation and Composition (3-0-3). Practice towards idiomatic fluency. Readings from newspapers, magazines, essays, discussion of slides, tapes, and films. Frequency of writing required. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 203 Spanish for the Native Speaker (4-0-4). A course designed especially for students with no previous ability beyond occasional formal training in grammar, reading, writing, and standard oral communication. Students qualified for this course cannot challenge S 202. Prerequisite: S 201 or equivalent as determined by placement test. Course conducted in Spanish. Offered in alternate academic years.

G 205 El Vernacular Mexicano-Americano (2-0-2). This course is intended to acquaint students with the vernacular of the Mexican-American community. Particular attention is given to the linguistic, social and cultural determinants, such as vernacular vocabulary, idiosyncratic grammatical usages and sociolinguistic variations which have recently been observed in contemporary usage. Prerequisite: S 201 or equivalent. Course conducted in Spanish. Offered in alternate academic years.

S 303 Advanced Spanish Conversation and Composition (3-9-3) (Alternate years). Expands facility in expressive conversation as well as accuracy in writing Spanish. Offers analysis of grammar and expansion of vocabulary through cultural and literary readings. Discussion of topics related to contemporary Hispanic world, and other areas of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation.

S 377 German Culture and Civilization (3-0-3). German civilization from prehistoric times through the 18th century. Special attention paid to contributions of Germany, Austria, and Switzerland to western civilization. Class conducted in German. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 435 Reaktion: liberal und konservativ (19th Century) (3-0-3). Selections from a wide range of authors, essayists, dramatists and poets who have appeared on the scene since 1800. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years.

S 385 La Gente Mexicano-Americana en los Estados Unidos (3-0-3). Deals with the historical works of Mexican-Americans, through the Spanish conquest of Mexico and the Colonial period, the Mexican-American War, and the development of the Mexican-American population in the United States over the past 130 years. Readings and papers in English and Spanish required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation.

S 386 Ensenanza del espanol como lengua primera (3-0-3). A practical course designed for the elementary teacher who may help Spanish-speaking students to develop their basic skills in listening, speaking, reading and writing Spanish. The emphasis is on developing approaches to understand and overcome specific language difficulties which characterize in bilingual/bicultural instruction. Prerequisites: S 202 (S 202). Course is conducted in Spanish. Offered in alternate academic years.

S 410 Applied Linguistics for the Spanish Language Teacher (3-0-3). Applies the main concepts of modern linguistics to specific problems in the teaching of the Spanish language. Application of linguistic theory to foreign language teaching with emphasis on the analysis of ways in which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology and syntax. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered 1983-84.

S 411 Espanol Avanzado (3-0-3). An advanced oral and written communication course for those who need extended training in expressing ideas. Special emphasis on prose, poetry, vocabulary building, appropriateness of idioms and figures of speech, with major focus on non-fiction works used as examples. Frequent essays required. Prerequisites: S 202 and S 204. Course is conducted in Spanish. Offered in alternate academic years.

S 425 Literatura Mexicano-Americana (3-0-3). Representative writings by major Mexican-American authors, with emphasis on social and literary values. Prerequisite: S 331 or permission of instructor. Offered in alternate academic years.

S 435 Literatura Contemporánea Española (3-0-3). Literature of ideas in contemporary Spain through major representative authors and works. Genesis of modern thought and new approaches in today's Spain discussed. Prerequisites: S 331 or permission of instructor. Offered in alternate academic years.

S 437 Literatura Contemporánea Hispanoamericana (3-0-3). Literature of ideas in contemporary Spanish-America through major representative authors and works. Genesis of modern thought and new perspectives in today's Hispanic America. Prerequisites: S 331 or permission of instructor. Offered in alternate academic years.

S 445 Espanol Elegante (3-0-3). Advanced and intensive conversation and composition class for students with more than two years of high school Spanish or equivalent. Prerequisites: S 201 and S 202. Course is conducted in Spanish. Offered in alternate academic years.

S 446 Senior Seminar (3-0-3). Required of all German majors in the Liberal Arts Option. Individual research into an area of interest originating in the seminar. The research culminates in a paper to be presented to the seminar. Prerequisite: Senior standing or permission of instructor.

S SPANISH

LOWER DIVISION

S 101-102 Elementary Spanish (4-1-4). Develops abilities in understanding, speaking, reading and writing. Offers a basic study of grammatical structures and vocabulary. Introduces the student to Hispanic culture. Students may not enroll in S 101 for credit if they have had more than one year of high school Spanish or the equivalent.

S 201-202 Intermediate Spanish (4-1-4) (Area I). Intended to further develop Spanish language skills, both oral and written. Intensive review of fundamentals of structure and vocabulary. Topics for conversation, reading, and writing focus upon culture of the Hispanic countries. Prerequisite: S 102 or equivalent as determined by placement examination and consultation.

S 203 Spanish for the Native Speaker (4-0-4). A course designed especially for students with no previous ability beyond occasional formal training in grammar, reading, writing, and standard oral communication. Students qualified for this course cannot challenge S 202. Prerequisite: S 201 or equivalent as determined by placement test. Course conducted in Spanish. Offered in alternate years.

S 205 El Vernacular Mexicano-Americano (2-0-2). This course is intended to acquaint students with the vernacular of the Mexican-American community. Particular attention is given to the linguistic, social and cultural determinants, such as vernacular vocabulary, idiosyncratic grammatical usages and sociolinguistic variations which have recently been observed in contemporary usage. Prerequisite: S 201 or equivalent. Course conducted in Spanish. Offered in alternate academic years.

UPPER DIVISION

S 303 Advanced Spanish Conversation and Composition (3-9-3) (Alternate years). Expands facility in expressive conversation as well as accuracy in writing Spanish. Offers analysis of grammar and expansion of vocabulary through cultural and literary readings. Discussion of topics related to contemporary Hispanic world, and other areas of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation.

S 377 German Culture and Civilization (3-0-3). German civilization from prehistoric times through the 18th century. Special attention paid to contributions of Germany, Austria, and Switzerland to western civilization. Class conducted in German. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 410 Applied Linguistics for the German Language Teacher (2-0-2). Functional application of linguistic theory to foreign language teaching and learning practices. Analysis of ways in which traditional, descriptive, and transformational models deal with phonology, morphology and syntax. Prerequisite: LI 306 and minimum of six credits upper division German and/or Inservice teaching and/or equivalency as determined by placement test and interview. Alternate years.

G 415 Aufarbeitung und der Sturm und Drang (18th Century) (3-0-3). Essays, plays, fictional prose and poetry marking the intellectual ferment of the Enlightenment and the "Sturm und Stress". Selections from Gottsched, Hiller, Kotopstock, Lichtenberg, Kant, Herder, Lessing, J.M. von Lenz, the early Goethe and Schiller, etc. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years.

G 425 Der Drang der Antike und die Traumwelt (1780-1830) (3-0-3). Readings from the classical and romantic periods in their general historical and historical context. Selections from Goethe, Schiller, Holderlin, Kleist, Jean Paul, Tieck, Friedrich von German literacy development. The course is intended to provide insights into literary craftsmanship. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 445 Die moderne Zeit beginnt (1800-1845) (3-0-3). "Ist, etc.," trends and writers from the turn of the century, through the Weimar Republic, to the collapse of the Third Reich: Naturalism, Realism, Expressionism, Neue Schichtkultur, None Schichtkultur, German Literature, and Exile Literature. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered 1983-84.

G 455 "Als der Krieg zu Ende war..." (1845-present) (3-0-3). Selections will be taken from the authors, essayists, dramatists and poets who have appeared on the scene since 1845 treating the war and post-war experience, and the human condition in the contemporary world. Austrian, East German, Swiss and West German writers. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered 1983-84.

G 456 Ritter und Bauer, Gott und Mensch (1150-1720) (3-0-3). Survey: Middle Ages, Renaissance, Reformation, Baroque. Selections from heroic and courtly epics, Minnesang, moral tales and plays, religious pamphleteering, chapbooks, Fastnacht plays; Athanasius, Gryphius, Grimmelmahns, etc. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered 1983-84.

G 475 Die deutschsprachige Welt von heute (3-0-3). An in-depth analysis of contemporary ideas in the German-speaking world. Discussion includes educational systems, science and theatre, arts and music, economic and business life, social and political structure, and recreation. Prerequisite: G 376 or permission of instructor. Offered in alternate academic years.

G 485 Senior Seminar (3-0-3). Required of all German majors in the Liberal Arts Option. Individual research into an area of interest originating in the seminar. The research culminates in a paper to be presented to the seminar. Prerequisite: Senior standing or permission of instructor.

S SPANISH
DEPARTMENT OF GEOLOGY AND GEOPHYSICS

Science Building, Room 119  Phone 208/385-1631

Chairman Professor: Dr. Claude Spinosa; Professors: Hollenbaugh, Wilson, Warner, Associate Professors: Donaldson, Waag, Wood; Assistant Professors: Bentley, White, Pelton; Adjunctive Faculty: Delisi, Stephenson, Greenfield

The Department of Geology and Geophysics provides four degree programs: 1) Bachelor of Science in Geology, 2) Bachelor of Science in Geophysics, 3) Bachelor of Science in Earth Science Education, and 4) Master of Science in Secondary Education, Earth Science emphasis. Nondegree course offerings in Geography meet the 15 credit requirement under the 30-15-15 Social Sciences Secondary Education Degree Program offered in the Departments of Economics, History, Political Science, and Societal and Urban Studies.

The curriculum leading to the BS degree in Geology is designed for those students who plan a career in Geology or who plan to attend graduate school. The curriculum leading to the BS degree in Earth Science Education is designed to prepare the student to teach Earth Science in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.

The program leading to the BS degree in Geophysics is designed for students who would like a career in Geophysics or who plan to attend graduate school. The need for geophysicists has grown greatly in recent years with the increased emphasis on quantitative geosciences. The curriculum offers a broad background of courses in Geology, Math, Chemistry and Physics to support the Geophysics courses, preparing the student for professional employment or graduate school.

The curriculum leading to the MS in Secondary Education, Earth Science emphasis, is designed to provide advanced academic training in the topics of Earth Science to those students pursuing a teaching career. The curriculum has full national accreditation.

In addition to the courses formally offered in all degree programs, a student may acquire credit for independent study, internship, or for participation in departmental research projects.

It is strongly recommended that high school students who plan to enter the Geology, Geophysics, or Earth Science program include Chemistry, Physics, and as much Mathematics as possible in their high school program.

GEOLOGY MAJOR

Bachelor of Science Degree

1. Geology Major
   1. General University and BA Degree Requirements. See pages 31-33 for Graduation Requirements.

2. Major Requirements
   A. Geology and Geophysics
   Physical Geology GO 101
   Historical Geology GO 103
   Mineralogy GO 221
   Optical Mineralogy GO 232
   Field Geology GO 280
   Igneous & Metamorphic Petrology GO 322
   Igneous & Metamorphic Petrology GO 324
   Sedimentology GO 311
   Stratigraphy GO 312
   Geomorphology GO 313
   Structural Geology GO 314
   Invertebrate Paleontology GO 351
   Advanced Field Geology GO 480 or Senior Thesis GO 495
   Senior Seminar GO 498 or 499
   Geology Electives
   College Chemistry C 131, 132, 133, 134
   English Composition E 101 and 102
   Physical Geology GO 101
   Historical Geology GO 103
   Algebra and Trigonometry (M 111)
   Calculus and Analytic Geometry (M 204)
   Upper Division Geology & Geophysics Electives
   Area I, Foreign Language (201 or higher)
   Area II, Economics, Geography
   Area III, Physical Chemistry, Mathematics, Biology
   *See alternate courses under requirements

   B. Geophysics
   Cartography GG 220
   Surveying EN 215
   Cartography GG 220
   Surveying EN 215
   Physics (PH 101-102)
   Calculus & Analytic Geometry (M 204)
   Physics (PH 101-102)
   Calculus & Analytic Geometry (M 204)
   Area I & II electives
   Senior Thesis GO 495

   C. Geology Electives
   College Chemistry C 131, 132, 133, 134
   English Composition E 101 and 102
   Physical Geology GO 101
   Historical Geology GO 103
   Calculus and Analytic Geometry (M 204)
   Geology Electives

   D. Mathematics through M 205* or M 212
   Area I, Foreign Language (201 or higher)
   Area II, Economics, Geography
   Area III, Physical Chemistry, Mathematics, Biology
   *See alternate courses under requirements

   *See alternate courses under requirements

   FRESHMAN YEAR:
   1ST SEM.
   2ND SEM.
   College Chemistry (C 131, 132, 133, 134) 4 5
   English Composition (E 101 and 102) 3 3
   Physical Geology (GO 101) 4 —
   Historical Geology (GO 103) 4 —
   Calculus and Analytic Geometry (M 204) 5 —
   16 17

   SOPHOMORE YEAR:
   1ST SEM.
   2ND SEM.
   Cartography (GG 220)* 3 —
   Mineralogy (GO 221) 3 —
   Optical Mineralogy (GO 232) 2 —
   Igneous & Metamorphic Petrology (GO 322) 3 —
   Geophysics (GP 301) OR (GP 325) 2 3
   Field Geology (GO 280) 3 —
   Physics (PH 101-102)* 4 4
   Calculus & Analytic Geometry (M 204)* 4 —
   Area I & II electives 6 —
   16 17

   JUNIOR YEAR:
   1ST SEM.
   2ND SEM.
   Structural Geology (GO 314) 3 —
   Sedimentology (GO 311) 3 —
   Stratigraphy (GO 312) 3 —
   Geomorphology (GO 313) 3 —
   Geophysics (GP 301) OR (GP 325) 3 or 6
   Electives (Area I & II) 6 3
   Upper Division Geology & Geophysics Electives 3 or 6
   15 or 18 15 or 18

   SENIOR YEAR:
   1ST SEM.
   2ND SEM.
   Advanced Field Geology (GO 480)* 4 —
   Senior Seminar (GO 498 or 499) 1 —
   Upper Division Geology & Geophysics Electives 4 —
   Area I and II Electives 6 3
   53
SCHOOL OF ARTS & SCIENCES

Free electives (at least 3 credits of upper division) ........................................ 3 8
Invertebrate Paleontology (GO 351) ................................................................. 3
........................................................................................................................................ 16 16

EARTH SCIENCE EDUCATION MAJOR
(Bachelor of Science Requirements)

1. General College and Baccalaureate Degree Requirements.

See pages 31-33 for Graduation Requirements.

2. Major Requirements

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>A. Geology ................................................. 30</td>
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<tr>
<td>Physical Geology ........................................ 4</td>
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<tr>
<td>Historical Geology .................................... 4</td>
<td></td>
</tr>
<tr>
<td>Introduction to Ocean Geology ......................... 3</td>
<td></td>
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<tr>
<td>Meteorology ................................................. 3</td>
<td></td>
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<tr>
<td>Geology Seminar ........................................ 1</td>
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<tr>
<td>Geomorphology .............................................. 3</td>
<td></td>
</tr>
<tr>
<td>Geology electives to total 30 credits</td>
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</tbody>
</table>

B. College Chemistry ..................................... 9
C. General Physics or General Biology ................... 8
D. Mathematics through M-204 ............................ 10
E. Astronomy .................................................. 4
F. Recommended Electives ................................ 6-8

Geology Communication
Foreign Language Life Science Mathematics

3. Education Requirements (See pg 104) .................. 25-30

The following are required for Secondary Teaching Certification in Idaho:

- Foundations of Education ................................ 3
- Educational Psychology .................................. 3
- Secondary School Methods ................................ 3
- Secondary Student Teaching ................................ 9-14
- Educating the Exceptional Secondary Student TE 333 1
- Reading in Content Subject TE 307 ...................... 3
- Teaching Science in Secondary Schools GS 395 ......... 3

GEOPHYSICS MAJOR
(Bachelor of Science Requirements)

1. General University and BA Degree Requirements

2. Major Requirements:

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>A. Geophysics ............................................. 16</td>
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</tr>
<tr>
<td>Introduction to Applied Geophysics GP 301 ........... 3</td>
<td></td>
</tr>
<tr>
<td>Physics of the Earth GP 325 ............................ 3</td>
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<tr>
<td>Applied Geophysics I &amp; II GP 451, 452 ............... 10</td>
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B. Geology ...................................................... 27

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Physical Geology GO 101 ................................. 4</td>
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<tr>
<td>Historical Geology GO 103 ................................ 4</td>
<td></td>
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<tr>
<td>Mineralogy GO 221 ......................................... 3</td>
<td></td>
</tr>
<tr>
<td>Optical Mineralogy GO 232 ................................ 2</td>
<td></td>
</tr>
<tr>
<td>Igneous &amp; Metamorphic Petrology GO 323 ................ 3</td>
<td></td>
</tr>
<tr>
<td>Igneous &amp; Metamorphic Petrography GO 324 ............. 1</td>
<td></td>
</tr>
<tr>
<td>Stratigraphy GO 312 ....................................... 3</td>
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<tr>
<td>Structural Geology GO 314 ................................ 3</td>
<td></td>
</tr>
<tr>
<td>Advanced Field Geology GO 480 ........................... 4</td>
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C. Chemistry ..................................................... 9

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<th>Credits</th>
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<tbody>
<tr>
<td>College Chemistry C 131, 132, 133, 134 ............. 9</td>
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D. Physics ...................................................... 14

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Physics I, II and III with Labs PH 220-224 ........... 11</td>
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</tr>
<tr>
<td>Electricity and Magnetism PH 381 ........................ 3</td>
<td></td>
</tr>
<tr>
<td>(Numerical Analysis M 340 or Advanced Engineering Math M 322 may be taken in place of PH 381)</td>
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E. Mathematics ................................................ 19

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Calculus and Analytic Geometry M 204, 205 .............. 13</td>
<td></td>
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<tr>
<td>College Composition C 131, 132, 133, 134 ............. 4</td>
<td></td>
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<tr>
<td>English Composition C 102 ................................ 3</td>
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<tr>
<td>Historical Geology GO 103 ................................ 4</td>
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<tr>
<td>Digital Computer Programming M 124 (or EN 104) ........ 2</td>
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F. Restricted Electives .................................... 16

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Geology GO 301, 302 ...................................... 8</td>
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<tr>
<td>Chemistry C 311, 321, 322 ................................ 9</td>
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<tr>
<td>Engineering EN 221, 223 .................................. 8</td>
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<tr>
<td>Math M 321, 324, 325, 326 ................................ 6</td>
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<tr>
<td>Geology GO 303, 403, 412, 421, 431 ...................... 12</td>
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<tr>
<td>Geophysics GP 397 ......................................... 3</td>
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GEOPHYSICS MAJOR
(Suggested Program)

FRESHMAN YEAR:

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<thead>
<tr>
<th>Credits</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>English Composition .................................... 3</td>
<td></td>
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<tr>
<td>Physical Geology ......................................... 4</td>
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<tr>
<td>Historical Geology ....................................... 4</td>
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<tr>
<td>Mathematics ............................................... 5</td>
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<tr>
<td>College Chemistry......................................... 4</td>
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<tr>
<td>College English ........................................... 16</td>
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SOPHOMORE YEAR:

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<th>Credits</th>
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<tbody>
<tr>
<td>Foundations of Education ............................... 3</td>
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<tr>
<td>Geography ................................................... 3</td>
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<tr>
<td>General Physics or General Biology .................... 4</td>
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<tr>
<td>Intro to Ocean Geology .................................. 3</td>
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<td>Meteorology .................................................. 3</td>
<td></td>
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<tr>
<td>General Psychology ........................................ 3</td>
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<tr>
<td>Degree Requirements ...................................... 6</td>
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<tr>
<td>Astronomy ..................................................... 4</td>
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<tr>
<td>Area I &amp; II Requirements ................................ 16</td>
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JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Upper Division Geology ................................. 4</td>
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<tr>
<td>Degree Requirements ..................................... 3</td>
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<tr>
<td>Upper Division Geology .................................. 3</td>
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<tr>
<td>Geomorphology .............................................. 3</td>
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<tr>
<td>Area I &amp; II Requirements ................................ 16</td>
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SENIOR YEAR:

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>Educational Psychology .................................. 3</td>
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<tr>
<td>Upper Division Geology .................................. 6</td>
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<tr>
<td>Seminar ..................................................... 1</td>
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<td>Secondary School Methods ................................ 3</td>
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Student Teaching ............................................. 9-14

Education Requirements .................................... 3

Education Requirements .................................... 6

Education Requirements .................................... 2

FRESHMAN YEAR:

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<thead>
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<th>Credits</th>
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<tr>
<td>Physics I PH 220 ........................................ 3</td>
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<tr>
<td>Physical Geology GO 101 ................................ 4</td>
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<tr>
<td>Calculus &amp; Anal. Geometry M 204, 205 ................... 5</td>
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<tr>
<td>College Chemistry C 131, 132, 133, 134 ............... 4</td>
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<tr>
<td>English Composition C 102 ............................... 3</td>
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<tr>
<td>Historical Geology GO 103 ................................ 4</td>
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<tr>
<td>Digital Computer Programming EN 104 .................... 2</td>
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SOPHOMORE YEAR:

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<tbody>
<tr>
<td>Calculus &amp; Anal. Geometry M 206 ........................ 4</td>
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<tr>
<td>Advanced Engineering Math M 321 ........................ 4</td>
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<tr>
<td>Physics PH 301, 382 ...................................... 8</td>
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<tr>
<td>Engineering EN 221, 223 .................................. 8</td>
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<tr>
<td>Math M 421, 5340, 5322 .................................. 6</td>
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<tr>
<td>Geology GO 303, 403, 412, 421, 431 ...................... 12</td>
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<tr>
<td>Geophysics GP 497 ......................................... 3</td>
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JUNIOR YEAR:

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<tr>
<td>Structural Geology GO 314 ................................ 3</td>
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<tr>
<td>Stratigraphy GO 312 ...................................... 3</td>
<td></td>
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<tr>
<td>Physics of the Earth GP 325 .............................. 3</td>
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<td>Area I &amp; II Requirements ................................ 9</td>
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<tr>
<td>Intro Applied Geophysics GP 301 ........................ 3</td>
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<td>Area I &amp; II Requirements ................................ 6</td>
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<tr>
<td>Upper Division Geology ................................... 6</td>
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SENIOR YEAR:

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<tr>
<td>Educational Psychology .................................. 3</td>
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<tr>
<td>Seminar ..................................................... 1</td>
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<tr>
<td>Secondary School Methods ................................ 3</td>
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54
SENIOR YEAR:

Applied Geophysics I & II GP 451, 452. 5 5
Field Geology GO 460. 4
Electricity & Magnetism PH 381. 3
Unrestricted Electives 6 4
Area I & II Requirements. 17 13

COURSE OFFERINGS

GO GEOLOGY

LOWER DIVISION

GO 101 Fundamentals of Geology (3-3-4) (AREA III). An introduction to the principles of Physical and Historical Geology. Topics include weathering, erosion, glaciation, volcanism, earthquakes, rocks, minerals, maps, the origin of the earth and its physical boundaries, and the geological development of the Earth. Prerequisite: GO 480. Corequisite: GO 324. 5

GO 103 Historical Geology (3-3-4) (AREA III). A study of the origin and progressive development of the earth and evolution of life. The geologic history of the earth is treated in considerable detail. Prehistoric life and fossil study as well as field trips to fossil beds are included in the laboratory work. Prerequisite: GO 101. 5

GO 105 Rocks and Minerals (2-3-3) (F). A systematic study of rocks and minerals, with emphasis on physicochemical and mineral properties. Field trips and laboratory sessions are part of the course for those taking the class for credit. Prerequisites: High school chemistry or PERM (INST. 3

GO 106 Petrology (3-3-4) (F). A study of the chemical and physical properties of rocks and their tectonic affiliations. Includes major topographic and scenic features, structural and stratigraphic features, mineral deposits, fossil and gem areas and current problems in natural resource production. Prerequisites: GO 101, Corequisite: GO 131. 4

GO 201 Introduction to Ocean Geology (3-0-3) (F/S). A general study of the physiography, the structures, and the sediments of the ocean floors and the geologic processes and environments represented thereby. Methods and instruments of ocean floor investigation are also studied. Prerequisite: GO 103. 3

GO 213 Introduction to Meteorology (3-0-3) (F). An introduction to the study of weather phenomena in terms of origin, distribution, and classification. Instruments and research methods are also investigated. Prerequisite: GO 101. 3

GO 221 Geology of Idaho and the Pacific Northwest (3-0-3) (F/S). A field trip required. A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and scenic features, structural and stratigraphic features, mineral deposits, fossil and gem areas and current problems in natural resource production. Prerequisites: GO 101 or PERM/INST. 3

GO 250 Principles of Paleontology (2-3-3) (F/S). An introduction to the study of the fossil record. Special emphasis is placed on the history of life in terms of origin, distribution, and classification. The study of fossil groups, including vertebrate groups and shell-bearing lower invertebrates. Prerequisites: GO 101, Corequisite: GO 311. 3

GO 280 Field Geology (1-6-3) (F). Techniques of field mapping to solve geologic problems. Emphasis is placed on the use of the petrographic microscope, stereoair photos, Brunton compass, and plane-table methods for mapping. Detailed petrographic mapping and written geologic report will be made, interpreting one area of moderate complexity and regional significance. A field trip required. Two weeks of field work are required during the first week of classes. Prerequisites: GO 101, GO 131, Corequisites: Lectures M 111, GO 131. 3

GO 311 Sedimentology (2-3-3) (F). A study of the classification of sedimentary rocks and the processes involved in their origin. Genesis, structure, characteristics, and distribution of sediments are studied. Physical, biological, economic, and social changes and their role in sedimentary environments are stressed. Laboratory work consists of petrographic and compositional analyses. Prerequisites: GO 221, GO 232. 3

GO 312 Stratigraphy (2-3-3) (S). A study of the classification of sedimentary rocks and the processes involved in their origin. Genesis, structure, characteristics, and distribution of sediments are studied. Physical, biological, economic, and social changes and their role in sedimentary environments are stressed. Laboratory work consists of petrographic and compositional analyses. Prerequisites: GO 101, GO 232. 3

GO 313 Geomorphology (2-3-3) (S). A study of the classification of sedimentary rocks and the processes involved in their origin. Genesis, structure, characteristics, and distribution of sediments are studied. Physical, biological, economic, and social changes and their role in sedimentary environments are stressed. Laboratory work consists of petrographic and compositional analyses. Prerequisites: GO 101, GO 232. 3

GO 324 Igneous and Metamorphic Petrology (3-3-3) (F/S). A study of igneous and metamorphic rocks in thin section by means of the petrographic microscope. A systematic study of the major igneous and metamorphic rock types and structures of origin and history through examination of their mineralogy, textures, fabrics, and alteration. Prerequisites: GO 101, Corequisite: GO 323. 3

GO 351 Invertebrate Paleontology (3-3-3) (F). Field trips required. A study of the invertebrate faunas represented in the fossil record. Special emphasis is placed on hard-part morphology, ontogeny, phylogeny and taxonomy of the geologically more important groups. Laboratory work based on standard collections. Prerequisites: GO 101, GO 131. 3

GO 403 Engineering Geology (3-3-3) (F). Introduction to soil and rock mechanics. Slope stability analysis. Surface and subsurface exploration of sites. Geological and geotechnical considerations for construction projects. Current applications of empirical engineering projects. Prerequisites: GO 200, PH 102, or PH 220, GO 323, or permission of instructor. 3

GO 412 Groundwater Geology (3-3-3) (F). A study of the origin of ground water beneath the earth's surface and the processes which control the movement, storage, and accumulation of water in subsurface materials. Emphasis is placed on structural, stratigraphic and environmental conditions which conduct the flow of ground water. Prerequisites: GO 101, GO 200. 3

GO 414 Advanced Structural Geology (3-3-3) (S). A study of the geometric properties of deformed rocks, their measurement, and analysis. Course will emphasize structural analysis of folded and faulted terrains and metamorphic tectonics, mapping procedures, map interpretation, and data analysis. Steel will include review and comparison of tectonic styles of deformation of different geologic provinces throughout North America. Even-numbered years. Prerequisite: GO 314. 3

GO 421 Ore Deposits (3-0-3) (F). Genesis, structure, associations and geologic considerations for exploration for and development of mineral deposits. Prerequisite: GO 221. 3

GO 422 Exploration and Mining Geology (3-0-3) (S). Course concentrates on techniques used in the exploration for and development of mineral deposits. The philosophy and methodology of systematic exploration, evaluation, and presenting data to exploration and development consultants is emphasized. Prerequisites: GO 322, Corequisite: GO 323. 3

GO 431 Petroleum Geology (2-3-3) (S). A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution, and methods and techniques for prospecting and developing petroleum fields. Prerequisite: GO 311, Corequisite: GO 314. 3

GO 432 Petrology (3-0-3) (F). A study of the classification of igneous and metamorphic rocks in thin section by means of the petrographic microscope. A systematic study of the major igneous and metamorphic rock types and structures of origin and history through examination of their mineralogy, textures, fabrics, and alteration. Prerequisite: GO 324. 3

GO 433 Geomorphology (2-3-3) (S). A study of the external physical, biological, and economic factors as they relate to exploring for and developing petroleum deposits. Prerequisite: GO 324. 3

GO 460 Volcanology (2-0-2) (F). A study of volcanic processes and deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of volcanoes and volcanic vents and the processes involved. Field trip required. Prerequisites: GO 200, GO 221, GO 232, Corequisites: Lectures M 111, GO 131. 3

GO 471 Regional Field Study Seminar Report Writing (1-0-3) (S). Extensive field trip over spring semester break to study the geology of classic localities in the western United States. Course will require assembly of pertinent geologic maps and literature, recording of geologic observations, and preparation of a comprehensive report on the geology of areas visited. Prerequisite: Upper division standing or PERM/INST. 3

GO 485 Advanced Field Geology (1-4-4) (S). A field geologic mapping of at least two areas with a diversity of geologic relationships. Large scale mapping will emphasize solution of significant geological problems. Emphasis will be placed on the regional scale and the use of maps and related techniques. Course will emphasize structural relationships as well as their primary importance in understanding and evaluating crustal structure. Prerequisites: GO 200, GO 221, GO 232, Corequisites: Lectures M 111, GO 131. 3

GO 492 Exploration and Mining Geology (3-0-3) (S). The course emphasizes geologic, engineering, and economic factors as they relate to exploring for and developing mineral deposits. The philosophy and methodology of systematic exploration, evaluation, and presenting data to exploration and development consultants is emphasized. Prerequisites: GO 322, Corequisites: Lectures M 111, GO 131. 3

GO 495 Volcanology (2-0-2) (F). A study of volcanic processes and deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of volcanoes and volcanic vents and the processes involved. Field trip required. Prerequisites: GO 200, GO 221, GO 232, Corequisites: Lectures M 111, GO 131. 3

GO 498, 499 Geology Seminar (1-0-3). Research project based on field and/or literature studies. Fundamentals of geologic report preparation and oral presentations. Prerequisites: Geology major or Earth Science Education major. 3

GG GEOGRAPHY

LOWER DIVISION

GO Introduction to Geography (3-0-3) (F/S). A comprehensive survey of geography and the utilization of natural resources are introduced. Prerequisite: GO 101, Corequisite: GO 324. 3

GO Cultural Geography (3-0-3) (F/S). A study of the distribution and character of man's cultural activities throughout the world with analysis of land-man relationships. Prerequisite: GO 101, Corequisite: GO 324. 3

GO The Use and Interpretation of Maps (3-0-3) (F). An intensive use and interpretation of a wide spectrum of map types, their advantages and limitations for students of various fields, such as Archaeology, History, Geography and teaching. Prerequisites: GO 498, GO 499. 3

GO Geography of Idaho and the Pacific Northwest (3-0-3) (F/S). Physical and cultural geography of the Pacific Northwest with emphasis on Idaho. Study includes the continuing physical, biological, social, political, and economic changes and the role of the environment in relationship to the land-use problems. Current problems and problem solving in accordance with the known resource base. 3

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DEPARTMENT OF HISTORY

Library Bldg., Rm. 247  Phone 208/385-1255
Chairman and Professor: Warren L. Vinz; Professors: Barrett, Caylor, Fletcher, Keiser, Lovin, Ouarda, Sims, Tozer; Associate Professors: Buhler, Lundy, Odahi, Zirnink; Assistant Professor: Jones.

The Department of History offers three baccalaureate degree programs: History, Liberal Arts (44 hours of History); History, Secondary Education Option (44 hours of History, 27 hours State Teacher Certification requirements); and History, Social Science, Secondary Education Option (minimum 33 hours History, 20 hours each in two Social Sciences, 27 hours State Teacher Certification requirements). The History, Liberal Arts degree helps the student prepare for either graduate History, careers in History related professions, and provides a broad Liberal Arts training for the student. The other two degrees prepare the student for a teaching career. Specific requirements for each degree are listed below.

HISTORY MAJOR
Bachelor of Arts Program

I. Liberal Arts Option
A. General University Requirements to include:
   *1. One year of college level Foreign Language

II. Secondary Education Option
A. General University Requirements: American National Government
B. History Requirements:
   1. Lower Division Courses
      History of Western Civilization
      HY 101, 102, or 201, 202
      U.S. History HY 151, 152, or 251, 252
      History Seminar
      Seminar or Colloquium
      Introduction to the Study of History HY 210
      Other History Courses
      U.S. History Electives (Upper Division)
      Seminar or Colloquium
      Additional History Electives (Upper or Nonrequired Lower Division)
      Education Requirements for State Certification for Secondary Education to include SS 450
      Elections

III. History—Social Science Secondary Education Option

The Social Science Secondary Education Option Degree Programs are cooperative, interdisciplinary programs involving the Departments of Economics, History, Political Science, and Sociology. Each department provides a major curriculum of not less than 30 credit hours. In addition, each of the previously listed departments, with the inclusion of Anthropology, Geography, and Psychology, provide for a minor curriculum of not less than 15 credit hours with the addition of 6 hours of U.S. History as a certification requirement. A student enrolled in a Social Science Secondary Education Option must include one major curriculum and one minor curriculum in the degree program. The student is assigned to the department with the major curriculum: History.

A. Lower Division Courses
   1. U.S. History HY 151, 152 or 251, 252
   2. Western Civilization HY 101, 102 or 201, 202
   3. Intro to the Study of History HY 210
B. Other History Courses (minimum of 15 Upper Division—Upper Division American History)
   To be chosen by student in consultation with advisor from two out of three of the Department’s offerings (U.S., European, Third World).

Social Science Curriculum Minor

Similar Social Science curriculum majors are available in the various Social Science disciplines in which the courses would constitute the 30-credit core of the major and History would serve as one of the associated 20-credit blocks. For such a major the Department of History requires that at least 9 of the 21 History credits be Upper Division, that 6 hours of the 21 hours be in U.S. History to meet state certification requirements, and that the remaining courses be selected to complement their major.

IV. History Minor Option

Minor certification endorsements for teaching areas are listed in the Catalog on page 103 of the Department of Teacher Education Section within the School of Education Division.
SCHOOL OF ARTS & SCIENCES

(Course Offerings)

All History courses specifically required for the major are offered each semester allowing for some flexibility in student scheduling. However, the Department strongly encourages History majors to take HY 210 by the second semester sophomore year before taking any Upper Division History courses.

LOWER DIVISION

HY 101 History of Western Civilization (3-0-3) (AREA II). A political, economic, and cultural survey of western civilization from the earliest settled communities of the ancient Near East in the fourth millennium B.C. up through the cultural renaissance and religious reformation of Western Europe in the sixteenth and seventeenth centuries of the Christian era.

HY 102 History of Western Civilization (3-0-3) (AREA II). A political, economic, and cultural survey of western civilization from the end of the religious wars of the seventeenth century up through the world-wide expansion of western culture in the twentieth century of the modern era.

HY 104 History of Science (3-0-3) (F/S). Alternate years. A survey on the development of the western concept of science, and cultural and scientific interaction at selected critical points of change in western history; the origins of science under the Greeks; medieval associations of science with physical world; scientific revolution of the seventeenth and eighteenth centuries; biological theories; and science in the modern world.

HY 105 Eastern Civilizations (3-0-3) (F/S). Alternate years. An historical survey of the Islamic civilization and the dominant civilizations of south and east Asia, with an emphasis on the role of trade and religion in the development of these cultures.

HY 151, 152 United States History (3-0-3) (AREA II). First semester: the history of American civilization from Pre-Columbian days to 1877 with emphasis given to the growth of American business, and the emergence of the nation to a world power. Second semester: a survey of the major developments in American civilization from 1877 to the present era, including the rise of American industry, and the development of the American political system.

HY 201 Problems in Western Civilization (3-0-3) (F/S) (AREA II). A study of selected historiographical problems the researcher encounters when interpreting the history of western civilization from ancient Near Eastern to early modern European times. Not open to students with credit in HY 101. Prerequisite: High school course in World History or related subject matter or PERM/INST.

HY 202 Problems in Western Civilization (3-0-3) (F/S) (AREA II). A study of selected historiographical problems the researcher encounters when interpreting the history of western civilization from early modern European times up through the modern twentieth century. Not open to students with credit in HY 102. Prerequisite: High school course in World History or related subject matter or PERM/INST.

HY 205 Lewis and Clark (2-0-2) (S). A survey of the "capers of discovery" from Wood River, Illinois, to the ocean and return, with study of the medical, scientific, anthropological and other aspects of the expedition. Alternate years.

HY 210 Introduction to the Study of History (3-0-3). An introduction to the study of history for liberal arts students, exploring the nature of the discipline, and dealing with practical problems of historical research and writing, including the applications of various methodological approaches to the analysis of data. Required of all history majors, liberal arts option, prior to taking any upper division history courses.

HY 251 Problems in U.S. History (3-0-3) (F) (AREA II). Selected problems from colonial times through reconstruction following the Civil War. Not open to students who have completed HY 151. Prerequisite: High school history course or PERM/INST.

HY 252 Problems in U.S. History (3-0-3) (S) (AREA II). Selected problems from the rise of industrialization through the period of the present. Not open to students who have completed HY 152. Prerequisite: High school history course or PERM/INST.

HY 261 History of Minorities in the United States (3-0-3) (F/S). Problems encountered by ethnic minorities in their quest for equal opportunity and equal rights. Alternate years.

UPPER DIVISION


HY 307 Modern Germany (3-0-3) (F/S). The struggle for German unity in modern times, and the relation of this issue to the origins of the two World Wars. The problem will be traced through the "opening to the east" inspired by Willy Brandt. HY 105 recommended. Alternate years.

HY 308 France Since the Revolution (3-0-3) (F/S). The failure of Frenchmen in the 19th and 20th centuries to achieve political and social equilibrium. The problem will be traced through the establishment of the Fifth Republic by Charles deGaulle. HY 103 recommended. Alternate years.

HY 309 The Renaissance (3-0-3) (S). A study of European society, economic development, artistic expression, humanism, and political concepts from the 12th through 16th centuries. Prerequisites: HY 102 or PERS/INST. Alternate years.

HY 310 The Reformation (3-0-3) (S). A survey of church-state relationships including the Babylonian Captivity, the Great Schism, the impact of the national state, the theological and political philosophies of reformers from Wycliff to the Council of Trent, and the world wide impact of Protestantism, the Catholic Reformation and dissident sects. Prerequisite: HY 102 or PERS/INST. Alternate years.

HY 311, 312 History of England (3-0-3) (F/S). First semester: study of the major cultural, political, economic and religious developments in England from the beginning to 1668. Second semester: Great Britain from the seventeenth century to the present. Alternate years.

HY 313, 314 History of Russia (3-0-3) (F/S). HY 313: origin and development of the Kievan and Muscovite states. HY 314: growth and development of Tsarist Russia. Alternate years.

HY 315, 316 History of the Far East (3-0-3) (F/S). First semester: survey of the history of China and Japan to ca. 1900, emphasizing their cultural development. Korea and Vietnam receive brief consideration. Second semester: a study of the political, economic, and cultural transformation of East Asia as a result of its interaction with the West. Alternate years.

HY 317 History of Soviet Russia (3-0-3) (F/S). A survey of the history of Soviet Russia from the last tsars through the present. Alternate years.

HY 319 Ancient Greece (3-0-3) (F/S). A study of an ancient Greek world from the Minoan sea civilization to the fall of the Empire of Alexander III. The fifth and fourth century B.C. Political, economic, and cultural history are emphasized with special attention given to the outstanding achievements of the Greeks in political and philosophical thought, epic and heroic poetry, historical writing and visual arts. Prerequisite: HY 101, PERS/INST. Alternate years.

HY 320 Ancient Rome (3-0-3) (F/S). A survey of Rome from its earliest beginnings under Etruscan tutelage through its imperial phase in the 5th century of the Christian era. Emphasis on political and military developments, social and religious changes, outstanding personalities, and literary, legal and artistic achievements. Prerequisite: HY 101 or PERS/INST.

HY 323 Early Christianity (3-0-3) (F/S). A study of the rise and development of Christianity from its Jewish and Greek origins to the period of Constantine in the late fourth century. Prerequisite: HY 101 or PERS/INST.

HY 326 Medieval Europe (3-0-3) (S). A study of the political, religious, economic, and cultural development of Western Europe from the fourth to the fourteenth century. Special emphasis given to the Constantinean revolution, the rise and elaboration of monasticism, the Carolingian emperors, feudalism and chivalry, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Alternate years.

HY 327 Living Religions: A Comparative Historical Study (3-0-3) (F) (Alternate years). A comparative analysis of the major active religious traditions of the world, treating their historical development, philosophical foundations and social and political ramifications, especially in modern times, with emphasis on Islam, Hinduism, Buddhism, Taoism, Shinto, Judaism and Christianity. Recommended: HY 105.

HY 328 History of Modern South Asia: India, Pakistan and Burma from 1750 to the Present (3-0-3) (F/S). Alternate years. A study of the history of South Asia from the British Raj to the present. Special emphasis given to the development of social and cultural formations within the sub-Saharan areas, including the slave trade, abolition, the pre-colonial and colonial era, independence movements and the emergence of the modern South Asian, Mediterranean, Black and White African states will be included.

HY 331 The Islamic Middle East (3-0-3) (F). A history of the people, institutions, and culture of the Near and Middle East from Muhammed to the decline of the Ottoman and Safavid empires in the nineteenth century. Alternate years.

HY 332 The Modern Middle East (3-0-3) (S). A history of the Near and Middle East during the nineteenth and twentieth centuries, the decline of the Ottoman Empire, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nation-states. Recommended: HY 103.

HY 333 History of Sports and the American Ideal (3-0-3) (F/S). Traces the historic development of sport in America and its impact on American society. From Indian games to Big League this course has something for every interest. The area of sport is placed within the context of American thought and the social milieu of the nation.

HY 334 United States Social and Cultural History (3-0-3) (F/S). Selected themes from colonial times to the present. The nature and meaning of the national experience, customs, traditions and intellectual developments. HY 151, 152 recommended.

HY 335 Diplomatic History of the United States (3-0-3) (F/S). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments upon the formulation of foreign policies. HY 151, 152 recommended. Alternate years.

HY 336 United States Constitutional History (3-0-3) (F). A study of the origins, writing and development of the American constitution emphasizing the role of the Supreme Court. Prerequisite: HY 151, 152 or PERS/INST. Alternate years.

HY 338 History of Ireland (3-0-3) (F/S). The development of the concept of an Irish national identity and the long colonial relationship between Ireland and Great Britain, the struggle for Irish independence, the contemporary Ulster issue. Alternate years.

HY 351 Colonial America (3-0-3) (F/S). Colonial rivalry in North America: an investigation of the political organizations, social institutions, economic development, and the war for American independence. Recommended: HY 101 or PERS/INST.

HY 353 The National Era, 1815-1848 (3-0-3) (S). The development of American nationalism; the Era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; and the beginnings of sectional rivalry; and the Mexican War. Prerequisite: HY 151 or PERS/INST.

HY 354 Civil War and Reconstruction (3-0-3) (F/S). A study of the origins of the conflict between the states, the nature and the problems of reunification. Prerequisite: HY 151 or PERS/INST. Alternate years.
HY 355 Western America (3-0-3) (F/S). The frontier as a region in transit from the Atlantic seaboard to the Pacific coast, but largely the settlement and development of the Trans Mississippi West. HY 151 recommended. Alternate years.

HY 356 The Indian in the United States History (3-0-3) (F/S). Emphasis is on Indian-white relations. The time period studied extends from early contacts, European rivalries, and the origins of the United States Indian policy, to the reservation system, Red Power, and the current Indian problem. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. Prerequisite: Upper Division standing.

HY 357 Idaho and the Pacific Northwest (3-0-3) (F/S). Political, economic and social development of the Pacific northwest with emphasis upon the people, customs and institutions of Idaho. HY 151 recommended.

HY 358 Emergence of Modern America, 1877-1917 (3-0-3). The industrial growth of the United States, especially as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY 152 or PERM/INST.

HY 359 Recent United States, 1917 to Present (3-0-3) (S). Versailles and post-war disillusionment; boom and bust of the 20's; the Great Depression and FDR's New Deal; reappearance of the world scene; World War II and its aftermath, HY 152 recommended. Alternate years.

HY 360 Colloquium in American History (3-0-3). Intensive studies of a particular period, topic, or problem in American history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. Prerequisite: Upper Division standing.

HY 361 Colloquium in European History (3-0-3). Intensive studies of a particular period, topic, or problem in European history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. Prerequisite: Upper Division standing.

HY 362 Colloquium in Third World History (3-0-3). Intensive studies of a particular period, topic, or problem in Third World history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. Prerequisite: Upper Division standing.

HY 401 Archives and Manuscripts (3-0-3) (S). Practical experience in the arrangement and description of manuscript collections located in the Idaho State Archives at 322 West State Street, Boise, and the research and writing of a paper using original or primary sources, including newspaper collections located in the Archives.

HY 417 United States Economic History (3-0-3) (F/S). Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: EC 201 and EC 202 or PERM/INST. May be taken for Mathematics or Economics credit, but not for both.

HY 422 History of Socialism (3-0-3) (F/S). Survey of European egalitarian ideas and movements. Emphasis given to 19th and 20th centuries. Alternate years.

HY 423 European Diplomatic History 1871—Present (3-0-3) (F/S). Major problems in European diplomacy since 1871: search for security after unification of Germany, political collapse of Ottoman Empire, imperialism in Africa and Asia, alliance systems, origins of World Wars One and Two, cold war and merging of European diplomacy into world diplomacy. Alternate years.

HY 432 Tudor-Stuart England (3-0-3) (S). England during the reigns of Tudor and Stuart monarchs: monarchy and parliamentary government; rise of middle class; beginnings of empire; religious and social conflict; cultural developments. Alternate years.

HY 488 History of Mexico (3-0-3) (S). Examination of cultural, social, political, and economic factors affecting the historical development of the Republic of Mexico, including the historical development of Mexico from the pre-colonial period to the Wars of Independence, the Mexican Revolution of 1910, and Mexican Revolutionary movements in the 18th and 19th centuries. Alternate years.

HY 489 Seminar in American History (3-0-3). Critical analysis of source materials and historical literature on a topic of restricted scope in American history. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. Prerequisite: Upper Division standing.

HY 490 Seminar in European History (3-0-3). Critical analysis of source materials and historical literature on a topic of restricted scope in European history. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. Prerequisite: Upper Division standing.

HY 491 Seminar in Third World History (3-0-3). Critical analysis of source materials and historical literature on a topic of restricted scope in Third World History. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. Prerequisite: Upper Division standing.

HY 492 History Seminar. (2-0-3).
2. Mathematics Requirements:
   A. M 122 or 124 ........................................... 2
   B. M 204, 205, 206 or 211, 212 .................. 10-13
   C. M 301 .................................................. 4
   D. At least one of M 302 or 306 ...................... 3
   E. M 311 .................................................. 3
   F. M 314 .................................................. 3
   G. M 361 or 431, 432 ................................. 4-6
   H. M 490 .................................................. 3
   I. M 564 or Equivalent Mathematical Application Course .......................... 3
   J. Either 45 semester hours of Mathematics or an approved area of emphasis outside of Mathematics.

   (NOTE: For those students planning to teach junior high school Mathematics, M 103 is strongly recommended.)

3. Education Requirements: 25-30

**MATHEMATICS MAJOR**
Bachelor of Science
Emphasizing Computer Science
(Suggested Program)

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<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
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<tr>
<td>English Composition E 101-102</td>
<td>3</td>
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<tr>
<td>Calculus M 204-205</td>
<td>5</td>
<td>4</td>
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<tr>
<td>First Course in Programming M 122</td>
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<td>Fortran M 124</td>
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<td>2</td>
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<td>Fundamentals of Speech Communication CM 111</td>
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<td>Area I</td>
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<tr>
<td>Electives (Area I)</td>
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**SOPHOMORE YEAR:**

| Calculus M 206 | 4 | - |
| Linear Algebra M 301 | - | 4 |
| Microprocessor Assembler PH 307 | 2 | - |
| Assembler M 226 | - | 4 |
| Principles of Economics EC 201 or 202 | 3 | 3 |
| Advanced Fortran M 225 | - | 2 |
| Introduction to Logic PY 121 | 3 | - |
| Technical Writing E 202 | - | 3 |
| Electives | - | 4 |
| - | 16 | 16 |

**JUNIOR YEAR:**

| COBOL DP 360 | 3 | - |
| Numerical Analysis M 340 | - | 4 |
| Data Structures M 358 | - | 4 |
| Programming Languages 334 | - | 4 |
| Statistics M 361 | - | 4 |
| Accounting AC 205-206 | 3 | 3 |
| Simulation Techniques DP 345 | 3 | - |
| Electives | - | 3 |
| - | 16 | 17 |

| Systems Programming M 451 | 4 | - |
| Linear Programming M 456 | - | 4 |
| Data Processing Applications DP 405 | 3 | - |
| System Analysis and Design DP 420 | - | 3 |
| Principles of Finance FI 303 | 3 | - |
| Electives (possible Internships) | 6 | 9 |
| - | 16 | 16 |

In order for students to complete the requirements for the Secondary Education Degree, certain course scheduling and ordering are necessary. The following suggested program reflects these factors.

**SECONDARY EDUCATION DEGREE**
(Suggested Program)

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<th>FRESHMAN YEAR</th>
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<td>English Composition E 101-102</td>
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**SCHOOL OF ARTS & SCIENCES**

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<th>COURSE OFFERINGS</th>
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<td>M MATHEMATICS</td>
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<tr>
<td>English Composition E 101-102</td>
<td>3</td>
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| M 012 Arithmetic Review (2-0-0) (F/S) | A review course for those who have forgotten how to add, subtract, multiply, and divide using whole numbers, fractions, decimals, percents, and signed numbers. Applications include measures of weight, area, and volume. |
| M 030 Algebra Review (3-0-0) | A refresher course for students in education, engineering, science, or business. Algebra is covered from fundamental operations through the level required for M 103, 105, 106 or 168. |
| M 100 A Cultural Approach to Mathematics (4-0-4) (AREA III) | Designed for liberal arts students. The aspects of mathematics emphasize how the culture and history of mathematics are reflected in other areas of our culture. Prerequisite: A year of high school mathematics of PERM/INST. |
| M 103-104 Elementary Mathematics for Teachers (3-2-4) | Fundamental concepts of mathematics including the study of the development of the number systems from the whole numbers through the reals, place value, arithmetic operations, real number postulates, algorithms, algebraic and geometric principles, measurement, graphing and introductory probability. Prerequisite: High school algebra and geometry or PERM/INST. |
| M 105 Mathematics for Business Decisions (4-0-4) (AREA III) | Matrices, systems of linear equations, graphing, linear programming, discrete probability. Placement will be determined by ACT score or grade of "satisfactory" in M 205. |
| M 106 Mathematics for Business Decisions (4-0-4) (AREA III) | Limits, derivatives, curve sketching, partial derivatives, optimization problems, and integrals. Prerequisite: M 105, 108 or 111. |
| M 108 Intermediate Algebra (4 credits) (4-0-4) | Intermediate algebra with right angle trigonometry. Prerequisite: Placement will be determined by A.C.T. score or a grade of "satisfactory" in M 205. Each semester. |
| M 109 Introduction to Computers (3-1-4) (F/S) | The potential and limitations of computers, and their impact on society. The course includes an introduction to computer hardware and programming. Designed for non-science majors. |
| M 111 Algebra and Trigonometry (5-0-5) (AREA III) | Selected topics in college algebra and trigonometry. The course will prepare the student for calculus. Placement will be determined by ACT score or passing grade in M 108 or its equivalent. |
| M 120 Applied Statistics with the Computer (3-0-0) (S) | Pre-calculus treatment of probability and statistics. Emphasis on concepts and applications rather than on proofs. Use of available computer statistics packages to handle computations. Prerequisite: M 108 or M 111. |
| M 122 A First Course in Programming (2-0-2) (F/S) | Programming concepts using a conversational language such as BASIC with a small to medium size computer such as the Hewlett-Packard 3000. |
| M 124 Digital Computer Programming (2-0-2) (F/S) | Course for engineering, science, or math majors to introduce FORTRAN and BASIC programming principles and logic, in- |
school of arts & sciences

cluding input-output, flow charting, handling arrays and subprograms all applied to problem solving. Should have math background equal to or exceeding one of core-requirements. Corequisite: M 106, 108, or 111.


M 206 Calculus and Analytic Geometry (4-0-4) (AREA III). Three dimensional analytic geometry and introduction to vector algebra and calculus of vector valued functions. Partial differentiation and multiple integration. Prerequisite: M 205.

M 211 Calculated Accelerated (5-0-5) (F) (AREA III). Analytic geometry, functions, limits. Differential and integration with applications, transcendental functions, methods of integration. M 211-212 is an accelerated version of the three semester sequence M 204-205-206. The student must have a strong high school background or have completed either M 106 or 111 with a grade of A.

M 212 Calculated Accelerated (5-0-5) (S) (AREA III). Solid analytic geometry, vectors and vector functions, partial derivatives, multiple integration, series, introduction to differential calculus, structure of the real numbers. Prerequisite: M 206 or 212.

M 225 Intermediate Applied Programming (2-0-2). An intermediate course stressing the algorithmic techniques of problem solving using the computer. Stress will be on languages and programming topics for the solution of science and engineering problems. The course is concentrated on FORTRAN but will use other programming languages. Prerequisite: EN 104 or M 122 or PERM/INST.

M 226 Assembler Language (4-0-4) (S). Assembler language programming for the IBM 370. Data representation, the machine instructions, looping, address modification, handling arrays and subprograms all applied to problem solving. Should have math background equal to or exceeding one of core-requirements. Corequisite: M 206 or 212.

M 232 Introduction to Abstract Algebra (3-0-3) (S). Sets, groups, integral domains, rings, fields. Prerequisite: M 206 or 212.

M 236 Number Theory (3-0-3) (S). Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M 205 or 212.

M 311 Foundations of Geometry (3-0-3). Euclidean, non-Euclidean, and projective geometries, the axiomatic method of proof, the real number system, metric spaces. Prerequisite: M 206 or 212.


M 314 Foundations of Analysis (3-0-3) (F/S). Logic, axiomatics, sequences, foundations of calculus, structure of the real numbers. Prerequisite: M 206 or 212.


M 340 Numerical Analysis (4-0-4) (S). The application of numerical methods to interpretation and analysis of data; general iterative methods; approximation of functions, error analysis; solution of equations with the implementation of computer programming. Prerequisite: EN 104 or M 122 or PERM/INST.

M 354 Programming Languages (4-0-4) (F). A survey of current languages (Such as FORTRAN, COBOL, P/L, SNOBOL, LISP, ALGOL OPSS), their programming and design. Syntax and semantics. Information binding, strings, arithmetic, input/output, recursion, multiprocessing, extensibility. Prerequisite: M 226 or PERM/INST. Odd numbered years.

M 358 Data Structures (4-0-4) (S). The representation of data; lists, stacks, queues, storage mapping, tree structures, hierarchic data structures, recursion, searching and sorting, codes, data structures in programming languages. Prerequisite: M 239 or PERM/INST.

M 361 Fundamentals of Statistics (4-0-4) (S). Discrete probability, random variables, distributions, central limit theorem, descriptive statistics, regression and correlation, tests of hypotheses, design of experiments and sampling surveys. Prerequisite: One of M 106, 205, or 212.

M 451 Systems Programming (4-0-4) (F). Machine language programming, compiled languages, program optimization, computer logic and design. Prerequisite: M 226.

M 456 Linear Programming (4-0-4) (S). Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M 301. Odd numbered years.

M 490 Mathematics in Secondary Schools (3-0-3) (F). Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of Mathematics completed at, or above, the 300 level.

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC)

Cadre: Major Pedersen, Capt. Brown, SGM Flowers, SSG Ziegler, SSG DeCorte

The Reserve Officers' Training Corps was established at Boise State University in 1977 under provisions recommended to the State Board of Education and in accordance with national requirements. Under the regulations of the University, participation by students in the program is voluntary.

The objective of the Senior Division, Army ROTC, is to provide university students who have ability and desire an opportunity to become commissioned officers in the United States Army Reserve. In addition, the Senior Division provides a major source of procurement for junior officers in the Regular Army. The procurement is accomplished through the selection of distinguished military graduates.

SCOPE OF INSTRUCTION

General. The complete course of instruction leading to a commission as a Second Lieutenant comprises four years and one summer camp, or two years and two summer camps. Training in military leadership is emphasized. Instruction is given in subjects common to all branches of the Army with stress placed on the following: organization of the Army and ROTC; individual weapons and marksmanship; American military history; management; leadership; map and aerial photograph reading; U.S. Army and national security; military teaching principles; branches of the Army; tactics; communications; operations; logistics; administration; military law; and the role of the United States in world affairs.

Basic Course. The basic course consists of the first two years of Military Science, normally taken during the freshman and sophomore years. Successful completion of the basic course fulfills one of the requirements for continuation in the four-year program and acceptance into the advanced course. Those students desiring to take the advanced course, but lacking the credit for the basic course, may satisfy the requirements by attending a six-week summer camp between their sophomore and junior year, by obtaining 90 military contact hours, or by academic course substitution. Veterans and some Reserve Component personnel are given military credit for the basic course.

Advanced Course. The advanced course includes two additional years of Military Science and a six-week summer camp. The camp provides for practical application of instruction previously given. Admission to the advanced course is accomplished through concurrence of the President of the University and the Chairman of the Department of Military Science.

REQUIREMENTS FOR ARMY COMMISSIONS

Applicants for admission to the advanced course must (1) have satisfied the requirements of the basic course, successfully completed the six-week summer basic camp or have completed 90 contact hours; (2) be able to complete all requirements for commissioning prior to his/her 30th birthday. In exceptional circumstances, the age requirement may be waived or a compression of Military Science courses may be authorized to permit qualification for appointment before the 34th birthday (students seeking a commission in the Regular Army must complete the
Financial assistance for selected students is offered through 1, 2, 3, and 4-year scholarship programs paying for tuition, fees, books, and laboratory costs each year plus $100 a month allowance for ten months each year. Each student accepted for this assistance must serve four years of active duty after commissioning.

FINANCIAL ASSISTANCE

Each advanced course student receives an allowance of $100 a month for up to ten months a year for two years. Summer camp pay in addition to meals, quarters, and medical and dental attention is paid as follows: Basic camp, $580 (approximately); regular camp, $645 (approximately); travel pay, $.181/2 per mile each way. A uniform allowance of $300 is paid to each commissioned student upon entry into active duty.

UNIFORMS

Basic and advanced course students will be provided uniforms, texts, and equipment. All such items of clothing and equipment are the property of the U.S. Government and are provided solely for the purpose of furthering the military training of the student concerned. Students are responsible for the safekeeping, care, and return of the property issued to them.

COURSE OFFERINGS

ML MILITARY SCIENCE

ML 101 Introduction to Military Science (1-1-1). Provides an overview of ROTC to include the background history of ROTC, organization of the U.S. Army, Army Reserve and the National Guard, and a discussion of military customs and traditions. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 102 Introduction to Military Science (1-1-1). Provides an introduction to Geopolitics, ethics, code of conduct, war strategy and tactics. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 201 Introduction to Leadership (2-1-2). Prepares the student for the ROTC advanced course. An introduction to leadership and basic map reading/orienteering. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 202 Military History (3-1-2). Prepares the student for the ROTC advanced course. Enables the student to form general concepts of the evolutionary nature of warfare, identifying those elements of conflict which remain relatively constant and those that are modified by time and circumstance. The student will acquire a general knowledge and appreciation of the development of the American Military System and its leaders. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 301 Leadership and Management (3-1-3). Increases the student’s poise and confidence as a military instructor and leader. Provides information on the branches of the Army available for assignment and prepares each student to make his/her selection during the senior year. Prepares the student for participation in advanced camp. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 401 Advanced Tactics (3-1-3). Prepares the prospective Army officer for initial Army assignment. Covers military staff organization and responsibilities; military intelligence; logistics; maintenance and supply; and an introduction to military justice. Students apply principles of leadership by planning and executing laboratory training.

ML 402 Professional Preparation (3-1-3). Includes a discussion of ethics and human relations, counseling techniques, military service in today’s society; obligations and responsibilities of an officer on active duty; and coordination and operation of the military team. Students receive thorough leadership assessment and are responsible for planning and executing laboratory training.

MUSIC DEPARTMENT:

The Music Department offers two Baccalaureate Degree programs which students may choose between, and one Graduate Degree program.

1. Bachelor of Music Degree is essentially a professional music degree with emphasis in Performance, Theory-Composition, or Music Education.
   a. Major emphasis in Performance or Theory-Composition: Designed to train performers, performing artist teachers, and composers, this program is basic to prepare students for graduate work in the performing, creative, and college or university teaching fields.
   b. Major emphasis in Music Education: Designed to prepare students for music teaching careers in the secondary and elementary educational systems and also prepares students for graduate work in Music Education.

2. Bachelor of Arts Degree with Music major is a general Liberal Arts Degree designed for the student who wants a general Music major within a broader based program.

MUSIC MAJOR PROGRAMS

1. Bachelor of Music Program
   a. General Requirements:
      1. All full-time students will be required to attend Concert Class during each semester of residency at Boise State University (see course description for MA 010 for complete details). All students will perform on their major instrument before a faculty jury at the end of each semester. Students presenting MA 444, 445 or 446 recitals are exempt from faculty jury during the semester in which the recital is given.
      2. All Bachelor of Music majors whose major instrument is other than keyboard are required to pass, no later than the end of the junior year, one of the levels in the Piano Proficiency Examination before a faculty committee. The particular level is determined by the student’s major. A grade of C or better in MU 213 will meet Level I and II requirements for Music Education majors. A grade of C or better in MU 314 will meet Level III requirements for Performance and Theory-Composition majors. Details are available from the Music Department.
3. All Bachelor of Music majors are required to register for one of the three major ensembles (Band, Choir or Orchestra) each semester, totaling a minimum of eight credits over a normal four-year course of study, except that Performance majors in Piano, Voice or Guitar will take only six credits of major Ensembles. Piano Performance majors will take two credits of Accompanying (ME 180, 380) toward the required six credits. Guitar majors may take two credits of Guitar Ensemble (ME 167, 367) toward the required six credits. Music Education majors will take seven credits of Ensemble. Other Ensembles may be taken as electives in addition to the required major Ensembles.

4. The following core of Music courses will be included in all Bachelor of Music curricula:

Concert Class MA 010 (attendance required each semester of full-time residency; Music Education majors exempt during semester/weeks of student teaching) 0
Materials of Music I, II, III, IV - MU 119, 120, 219, 220 and Ear Training I, II, III, IV - MU 121, 122, 221, 222 18
Basic Conducting MU 261 1
Survey of Music History and Literature I, II, III, IV - MU 341, 342, 343, 344 10
Ensemble (see A3 above) 6-8

B. Emphasis Requirements:

1. Performance Emphasis Minimum Requirements:
   a. General University and Basic Core Requirements for Bachelor of Music Degree (including 3 credits of Music History in Area I) 29-32
   b. Music Requirements:
      (1) Music Core 35-37
      (2) Performance Studies 30
      All Performance majors will take 2 credits of Performance Studies the first semester, freshman year, and perform a 4 credit jury prior to enrolling in 4 credit Performance Studies second semester. MC 400 Level Studies: 8 credits minimum.
   c. Additional Upper Division Courses 16-22
   d. Electives 7-18

   *Not required of Piano, Voice or Guitar majors.
   **Required only of Piano, Voice or Guitar majors.

2. Theory-Composition Emphasis Minimum Requirements:
   a. General University and Basic Core Requirements for Bachelor of Music Degree (including 3 credits of Music History in Area I) 29-32
   b. Music Requirements:
      (1) Music Core 35-37
      (2) Performance Studies 16
      Performance Major Studies 8
      Performance Minor Studies (Piano, unless major instrument is Keyboard) 8
      (3) Additional Upper Division Courses 31
      MC 300 Level Performance Major Studies 4

   a. General University and Basic Core Requirements for Bachelor of Music Degree (including 3 credits of Music History in Area I) 29-32
   b. Music Requirements:
      (1) Music Core 35-37
      (2) Major Instrument Performance Studies 14
      MC 300 Level or above: 4 credits minimum
      (3) Additional Lower Division Courses 7
      Orientation to Music Education MU 271 1
      Instructional Techniques and Methods MU 257, 258 4
      Vocal Techniques and Methods MU 256, 257 2
      (4) Additional Upper Division Courses 13
      Band Arranging MU 455 2
      Band and Orchestra Methods and Materials MU 387 2
      Choral Methods and Materials MU 385 2
      Choral and Instrumental Conducting MU 365, 366 2
      Instructional Techniques and Methods MU 368, 369 4
      One-half Senior Recital MA 444 1
   c. Electives 9-14

   (1) Recommended Music Electives:
      Functional Piano MU 213 2
      Teaching Music in the Elementary Classroom MU 372 (to qualify students for Idaho State Certification for Elementary School Music Specialist) 2

II. BACHELOR OF ARTS PROGRAM REQUIREMENTS

A. General University and Basic Core Requirements for Bachelor of Arts Degree

B. Minimum Music Requirements:
   Performance Studies 8
   Materials of Music I, II, III, IV MU 119, 120, 219, 220 14
   Ear Training I, II, III, IV MU 121, 122, 221, 222 4
   Survey of Music History and Literature Courses (2 to be chosen from MU 341, MU 342, 343, 344) 4-6
I. Performance Emphasis Majors:

FRESHMAN YEAR:
- English Composition E 101-102: 3
- Area II Courses: 3
- Concert Class MA 010: 0
- Materials of Music I, II MU 119-120: 4
- Ear Training I, II MU 121-122: 1
- Performance Major MC 1-2, 1-4: 2
- Major Ensemble ME 1: 1
- Electives: 6-7

SECOND SEMESTER:
- English Composition E 101-102: 3
- Area II Courses: 3
- Concert Class MA 010: 0
- Materials of Music I, II MU 119-120: 4
- Ear Training I, II MU 121-122: 1
- Performance Major MC 1-2, 1-4: 2
- Major Ensemble ME 1: 1
- Electives: 6-7

SOPHOMORE YEAR:
- Literature: 3
- Area I Course: —
- Area II Course: 3
- Concert Class MA 010: 0
- Materials of Music III, IV MU 219-220: 3
- Ear Training III, IV MU 221-222: 1
- Major Ensemble ME 1: 1
- Basic Conducting MU 261: —
- Performance Major MC 2-4: 4
- Electives: 5

JUNIOR YEAR:
- Foreign Language: 4
- Concert Class MA 010: 0
- Music History I, II MU 341, 342: 2
- Keyboard Harmony: —
- Counterpoint MU 423 or 424: 2
- Major Ensemble ME 3: 1
- Performance Major MC 3-4: 4

SENIOR YEAR:
- Music History III, IV MU 343, 344: 3
- Concert Class MA 010: 0
- Counterpoint MU 423 or 424: 2
- Advanced Form and Analysis: 1
- Major Ensemble ME 3: —
- Inst. or Choral Cond. ** MU 365 or 366: 1
- Performance Major MC 4-4: 4
- Senior Recital MA 446: 2
- Keyboard Harmony: —

II. Theory Composition Majors:

FRESHMAN YEAR:
- English Composition E 101-102: 3
- Area II Courses: 3
- Concert Class MA 010: 0
- Materials of Music I, II MU 119-120: 4
- Ear Training I, II MU 121-122: 1
- Major Ensemble ME 1: 1
- Electives: 6-7

SECOND SEMESTER:
- English Composition E 101-102: 3
- Area II Courses: 3
- Concert Class MA 010: 0
- Materials of Music I, II MU 119-120: 4
- Ear Training I, II MU 121-122: 1
- Major Ensemble ME 1: 1
- Electives: 6-7

JUNIOR YEAR:
- Concert Class MA 010: 0
- Music Composition MA 410: 2
- Major Performance Studies MC 3-2: 2
- Major Ensemble ME 3: 1
- Band Arranging MU 455: 2
- Counterpoint MU 423 or 424: —
- Basic Conducting MU 261: 1
- Advanced Form and Analysis MU 410: —
- Music History III, IV MU 343, 344: 3
- Keyboard Harmony: —

SENIOR YEAR:
- Foreign Language: 4
- Concert Class MA 010: 0
- Music Composition MA 410: 2
- Counterpoint MU 423 or 424: 3
- Major Ensemble ME 3: 1
- Choral Conducting MU 365: 1
- Instrumental Conducting MU 366: 1
- Keyboard Harmony: —
- Composition Recital MA 447: 3

III. Music Education Emphasis Majors:

FRESHMAN YEAR:
- English Composition E 101-102: 3
- Area II Courses: 3
- Concert Class MA 010: 0
- Materials of Music I, II MU 119-120: 4
- Ear Training I, II MU 121-122: 1
- Major Ensemble ME 1: 1
- Electives: 6-7

SECOND SEMESTER:
- English Composition E 101-102: 3
- Area II Courses: 3
- Concert Class MA 010: 0
- Materials of Music I, II MU 119-120: 4
- Ear Training I, II MU 121-122: 1
- Major Ensemble ME 1: 1
- Electives: 6-7

SOPHOMORE YEAR:
- Area I Literature: 3
- Area II Courses: 3
- Electives: 3
- Concert Class MA 010: 0
- Materials of Music III, IV MU 219-220: 3
- Ear Training III, IV MU 221-222: 1
- Music History I, II MU 341, 342: 2
- Major Ensemble ME 1: 1
- Major and Minor Performance Studies MC 2-2: 4

*Keyboard Harmony is offered alternate years only. See course description.

**Piano majors must include 2 credits of Accompanying ME 180, 380. Guitar majors must include 2 credits of Guitar Ensemble ME 167, 387.
***Not required of Piano, Voice or Guitar majors.

*Piano, Voice or Guitar majors must include major Instrument Literature MU 457 and Pedagogy MU 463-464.
JUNIOR YEAR:

Foreign Language or Area III. 4
Concert Class MA 010 0
Inst. Tech and Meth. MU 368, 369 2
Band and Orch. Meth. MU 387 2
Choral Meth. MU 385 2
Choral Conducting MU 365 1
Inst. Conducting MU 366 2
Music History III, IV MU 343, 344 3
Major Ensemble ME 3- 1
Performance Studies GC 3-2 2
Electives 2

SENIOR YEAR:

Educational Psychology P 325 3
Secondary School Methods TE 381 2
Concert Class MA 010 0
Performance Studies GC 3-2 2
Senior Recital MA 444 1
Major Ensemble ME 3- 1
Band Arranging MU 455 2
Elementary Music Meth. MU 372 (Elective) 2
Exceptional Educ. Meth. TE 333 1
Student Teaching TE 484, 485 14

MA MUSIC APPLIED—PERFORMANCE CLASSES, RECITALS

MA 010 Concert Class (0-1-0) (FS). Student, guest and/or faculty performances. Minimum attendance per semester: 10 for music majors, 6 for minors; plus attendance at a minimum of 5 Music Department sponsored concerts/recitals. Participation in the concert/recital does not equal attendance for meeting this requirement.

MA 107 Recorder Class (1-0-1) (S). The class is designed to improve the technical ability of the classroom teacher or anyone interested in playing the recorder, and to discover the classroom value of the instrument. Baroque ensembles will be emphasized. The class will meet once a week. Students must supply their own instrument. May be repeated once for credit.

MA 127 Beginning Guitar Class (0-2-1) (FS). Technical fundamentals in playing the acoustical guitar for beginners. Use of popular and folk songs. Course is based on written notation and aural instruction, stressing chord playing, correct posture and holding position. Students must provide their own instrument. May be repeated once for credit.

MA 128 Intermediate Guitar Class (0-2-1) (FS). Continuation of MA 127. Emphasis on understanding fret-board theory, reading music notation for guitar, solo playing. Concept of form levels as it relates to upper position work. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 127 or PERM/INST.

MA 150 Piano Class (0-1(1)-1) (FS). Each semester. Maximum 2 credits allowed.

MA 160 Voice Class (1-0(1)-1) (FS). Each semester. Maximum 2 credits allowed.

MA 307 Recorder Class (1-0-1) (S). The class is designed to enhance the technical ability of the classroom teacher or anyone interested in playing the recorder, and to discover the classroom value of the instrument. Baroque ensembles will be emphasized. The class will meet once a week. Students must supply their own instrument. May be repeated once for credit. Prerequisite: MA 107 or PERM/INST.

MA 327 Advanced Guitar Class (0-3-2) (FS). Study of music and technical problems in solo guitar playing; chord construction and progression, analysis of intervals, harmonic relationships, principles of guitar transcriptions, introduction of improvisation. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 128 or PERM/INST.

MA 328 Jazz Guitar Class (0-2-2) (FS). A course in jazz improvisation for the guitarist with at least 1 year of playing experience. The use of the guitar in jazz is approached within a historical perspective beginning with the 1930's. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 128 or PERM/INST.

MA 410 Music Composition (0-3-3) (FS). Instruction and supervised experience in composing for various instruments and voices, individually and in combination, utilizing small and large musical forms. May be repeated for a total of 3 credits. Prerequisite: PERM/INST.

MA 444 Music Education—Bachelor of Arts Senior Recital (0-1-1). This course is a one-half recital to be presented as the culminating performance project for music education majors and for bachelor of arts music majors emphasizing performance. Prerequisite: 300-level performance ability and PERM/INST. Graded pass/fail.

MA 445 Recital (0-0-2). Performance majors may elect to perform a solo recital for two credits prior to the required senior solo recital at any time subsequent to the freshman year. PERM/INST/OHM.

MA 446 Senior Performance Recital (0-1-2). This course is a full recital to be presented as the culminating project for performance emphasis majors within the bachelor of music program. Prerequisite: 400-level performance ability and PERM/INST. Graded pass/fail.

MA 447 Senior Composition Recital (0-0-2). A recital for the performance of original compositions by the Theory-Composition major. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition majors. Prerequisite: Major in Theory-Composition and PERM/INST. Graded pass/fail.

MC MUSIC-PRIVATE LESSON PERFORMANCE STUDIES

These courses carry an extra fee. For details see schedule of fees elsewhere in this Catalog.

Students enrolling in private lesson (MC) studies must secure the consent of the instructor prior to registration.

Generally, freshmen will enroll in 100-level studies, sophomores in 200-level studies, juniors in 300-level studies, and seniors in 300 or 400-level studies. Non-music majors will enroll initially in 100-level studies. Before permission is granted to any student to enroll in the next higher level, the student must perform before a faculty jury toward the determination of appropriate level placement. Juries are held at the end of each semester. Music majors are required to perform on their major instrument before a faculty jury each semester. Details in performance level requirements for each instrument and voice are available from the Music Department. All MC undergraduate courses may be repeated for credit (no limit). Students transferring into the Music Department as Music majors from another institution or from another department within BSU must complete a performance examination for placement in the appropriate performance level.

Private Lesson Performance Studies

Course Numbering System

The three-digit course number carries the following information: first digit (1-, 2-, etc.) = performance level; second digit = instrumental family (-0- woodwinds, -1- brass, -2- percussion, -3- voice, -4- keyboard, -5- fretted string instruments, -6- bowed string instruments); third digit (-1, -2, etc.) = credit value. Four-credit studies are reserved for bachelor of music program performance emphasis majors. Suffix letters identify the particular instrument in each instrumental family: A flute, B oboe, C clarinet, D bassoon, E saxophone, F recorder; Brasses: A horn, B trumpet, C trombone, D tuba; Keyboard: A piano, B organ; Fretted string instruments: A guitar; Bowed string instruments: A violin, B viola, C cello, D string bass. The class schedule printed prior to each semester lists particular studio courses available for the semester.

Major area requirements:

For 4 hrs. credit - 18 hrs. practice per week.

For 2 hrs. credit - 12 hrs. practice per week.

Minor area requirements:

For 2 hrs. credit - 6 hrs. practice per week.

For 1 hr. credit - 4 hrs. practice per week.

ME MUSIC, ENSEMBLE

All ME Courses may be repeated for credit up to the maximum allowable as stated in the course descriptions.

ME 101, 301 University Singers (0-0-1) (FS). A general chorus open to all university students. No audition is necessary. Major choral works from all periods will be sung. Public performance(s) will be expected each semester. Maximum credits: ME 101, 301, 8 cr.

ME 105, 305 Meistersingers (0-5-1) (FS). Essentially a course in unaccompanied singing, open to all university students. The Meistersingers is the concert-leading choir of the
MU 119, 310 Vocal Ensemble (0-3-1) (FS). Designed to promote participation in and repertoire knowledge of small vocal ensembles. Literature includes music of all periods. Public performances given each semester. Maximum credits: ME 110 and/or ME 310, 8 cr. Prerequisite: PERM/INST.

MU 115, 315 (0-5-1). A course in the study and production of operas. Maximum credits: ME 115/315, 8 cr. Prerequisite: PERM/INST.

MU 120, 329 Band (0-5-1) (FS). An elective open to all students who can play a band instrument. Maximum credits: ME 120, and/or ME 320, 8 cr.

MU 125, 325 Brass Ensemble (0-2-1) (FS). A course designed to promote playing in and increasing repertoire knowledge of brass ensembles. A public performance is required each semester. Maximum credits: ME 125, and/or ME 325, 8 cr. Prerequisite: PERM/INST.

MU 126, 328 Jazz Ensemble (0-2-1) (FS). A course designed to promote playing in and increasing repertoire knowledge of small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 126 and/or ME 326, 8 cr. Prerequisite: PERM/INST.

MU 130, 330 Woodwind Ensemble (0-2-1) (FS). A course designed to promote playing in and increasing repertoire knowledge of small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 130 and/or ME 330, 8 cr.

MU 140, 340 Percussion Ensemble (0-2-1) (FS). A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester. Maximum credits: ME 140 and/or ME 340, 8 cr. Prerequisite: PERM/INST.

MU 141, 341 Keyboard Percussion Ensemble (0-2-1) (FS). In conjunction with the preparation of music for public performance, students will acquire a first-hand knowledge of phrasing, mallet selection and application, general ensemble techniques, musical style and interpretation, and repertoire. Students will also be encouraged to compose music, arrange or adapt existing music for the ensemble.

MU 150, 350 Orchestra (0-5-1) (FS). The Boise State University Symphony is composed of students and experienced musicians and prepares several concerts each season from the standard repertoire. An elective for non-music majors. Audition is required of new students. Maximum credits: ME 150 and/or ME 350, 8 cr. Prerequisite: PERM/INST.

MU 160, 350 String Ensemble (0-2-1) (FS). A course designed to promote playing in and increasing repertoire knowledge for small string ensembles. A public performance is required each semester. Maximum credits: ME 160 and/or ME 360, 8 cr. Prerequisite: PERM/INST.

MU 167, 367 Guitar Ensemble (0-2-1) (FS). A course designed to promote playing in and repertoire knowledge of ensembles of or including guitar(s). Maximum credits: ME 167 and/or ME 367, 8 cr. Prerequisite: PERM/INST.

MU 180, 380 Accompanying (0-2-1) (FS). Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum credits: ME 180 and/or ME 380, 8 cr. Prerequisite: PERM/INST.

MU 183, 383 Duo-Piano Ensemble (0-2-1) (FS). A basic survey of duo-piano literature from the Baroque to the present. Students will learn how to cope with ensemble problems in rehearsal and performance. Class sessions will consist of performance, listening and discussion. A public performance will be presented. Maximum credits: ME 183 and/or ME 383, 8 cr. Prerequisite: PERM/INST.

MU 201 Music Fundamentals (2-0-2). Primarily for Education Department students, but open to all music majors. Learning to read music through study of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced.

MU 102 Elements of Music (2-0-2) (S). Intended primarily for music majors, this course is open to anyone interested in acquiring knowledge in or upgrading their understanding of fundamental structures of music notation, scales, intervals, rhythmic patterns, etc. The course is designed for students aspiring to be music majors but lacking the necessary fundamentals background.

MU 119 Materials of Music (4-0-4). Music fundamentals review: notation, intervals, scales and modes, triads, key signatures, etc. Melody, cadences. Emphasis is on aural and visual recognition, analysis and compositional skills involving the above. Prerequisite: piano proficiency or permission of the instructor.

MU 120 Materials of Music II (4-0-4) (S). 4-voice textures (linear & vertical); homophony; diatonic chromatic and enharmonic relationships; cadences; inversions; dominant sevenths; secondary dominants; curvilinear survey of binary; ternary and through-composed forms; aural and visual analysis; compositional skills. Prerequisite: MU 119 or equivalent and piano as per MU 119.

MU 121-122 Ear Training I-II (0-2-1) (FS). Designed to correlate with Materials I and II. Emphasizes aural training in scales, intervals and rhythms. Includes drill in solfeggio and sight singing leading to aural recognition of 3 and 4-part harmonic structures. Prerequisite: MU 119 or equivalent and piano as per MU 119.

MU 133 Introduction to Music (3-0-3) (AREA I). An elective course open to all students and fashioned to familiarize the listener with a variety of musical expression. Emphasis is upon the enjoyment of music through the understanding of recorded and live performance, and the advancement of live concert/recital required.

MU 147 Survey of Opera and Music Theatre (0-2-1) (F). An historical survey of the development and growth of opera and music theatre through chronological study of scores, recordings, sound filmstrips, and library resource materials from the beginning of the Baroque to the contemporary modern opera and music theatre composition and required of voice majors.
MU 288 Choral Methods and Materials (1-0-2) (S). Designed for music education majors who will be teaching vocal groups in junior and/or senior high schools. A practical workshop in selection and conducting of choral materials, rehearsal techniques, use of small ensembles, planning and organization of vocal groups.

MU 387 Band and Orchestra Methods and Materials (1-2-2) (F). The study of the organization and administration of bands and orchestras at the secondary school level; including equipment purchasing, budgets, public relations, planning, rehearsal techniques, scheduling, programming, and emergency repairs of instruments.

MU 416 Advanced Form and Analysis (3-0-3) (S). Analysis of harmonic and formal structures of the larger binary and ternary forms: the sonata, the symphony, the concerto, Baroque forms. Prerequisite: MU 220 or PERM/INST.

MU 429 Sixteenth Century Counterpoint (3-0-3) (F). Study of "16th century compositional techniques. Compositions will be written in 2 to 4 voices. Species C clefs and Latin texts. Analysis/listening of music of the period. Additional compositions and/or research for graduate credit. Prerequisite: MU 220 or equivalent. Odd numbered years.

MU 431 Counterpoint Since 1600 (3-0-3) (F). Study and writing in contrapuntal styles from Baroque Period to present day. Invertible counterpoint, canon, fugue, invention. Analysis/ procedures in representative works. Additional compositions and/or research for graduate credit. Prerequisite: MU 220 or equivalent. Even numbered years.

MU 455 Band Arranging (2-0-2) (F). Required of majors in music education and in theory and composition. A study of scoring and notation for brasswind, woodwind and percussion instruments and their textures in various combinations. Prerequisite: MU 220.

MU 457 Major Instrument Literature (Piano, Voice, Guitar) (2-0-2) (F/S). A seminar course to acquaint the student with the important literature from all periods for piano, voice or guitar. Section 1 piano literature. Section 2 guitar literature. Section 3 vocal literature. Prerequisite: Upper Division standing in performance.

MU 463 Major Instrument Pedagogy (Piano, Voice, Guitar) I (2-0-2) (F). A survey and comparative study of pedagogical materials, principals and procedures. The course will consist of reading, lecture, listening and observation in teaching technique. Prerequisite: Upper Division standing in performance. Alternates years with MU 457.

MU 464 Major Instrument Pedagogy (Piano, Voice, Guitar) II (2-0-2) (S). Practical application of pedagogical methods and procedures through supervised studio teaching. Further reading, lecture, listening and discussion involving pedagogical techniques. Prerequisite: MU 463 Pedagogy I. Alternate years with MU 457.

MU 489 Music Seminar (2-0-2) (F/S). A seminar project under faculty direction. Prerequisite: Senior standing.

**COMMON SOPHOMORE YEAR:**

**Physics II, III PH 221-222**

Wave Motion and Heat Lab PH 223

Electricity and Magnetism Lab PH 224

**Humanistic-Social Elective**

Introduction to Mechanics EN 205

Systems and Circuits I, II EN 221, 223

Calculus, and Analytic Geometry M 206

Advanced Engineering Math M 321

Branch Variation see below

**BRANCH VARIATIONS**

**Agricultural Engineering**

Dynamics of Rigid Bodies EN 206

**Civil Engineering**

Dynamics of Rigid Bodies EN 206

Engineering Measurements EN 216

Elective (see Advisor)

**Mechanical Engineering**

Dynamics of Rigid Bodies EN 206

**Chemical Engineering**

Organic Chemistry C318

Principles of Economics EC 201

Electrical Engineering

Engineering Science Elective

**JUNIOR YEAR**

Three junior level Engineering Science courses (EN 301, Fluid Mechanics; EN 306, Mechanics of Materials; and EN 320, Thermodynamics and Heat Transfer) are offered. These courses, along with usual Engineering requirements in Mathematics, Science, Humanities, and Social Sciences, make it feasible for many students to complete a third year before transferring. Consult an Engineering staff advisor for details.

**CONSTRUCTION MANAGEMENT**

Bachelor of Science Degree

The intent of this program is to provide training in Mathematics, Science and Engineering so the construction manager can relate intelligently to engineers and architects involved in building projects.

I. Liberal Arts Option

1. General University and BA Degree Requirements

(See pages 31-33) 21

2. Major Requirements

A. Construction Management

Construction Fundamentals CO 240

Construction Equipment & Materials CO 320

Contracts, Plans & Specifications CO 348

Electrical & Mechanical Installations CO 350

Cost Estimating and Bidding CO 370

**COMMON FRESHMAN YEAR:**

(All Engineering Majors)

English Composition E101-102

College Chemistry C131-132-133

Calculus and Analytic Geometry M 204-205

Engineering Fundamentals EN 107-108

Physics PH 220

Physical Education

1

16

16

**DEPARTMENT OF PHYSICS**

ENGINEERING AND PHYSICAL SCIENCE

Science-Education Bldg., Rm. 318
Science Bldg., Rm. 212-L

Phone 208/385/3775

Chairman and Professor of Physics: Gary R. Newby; Professors: Allen, Dahm, Luke; Associate Professors: Affleck, Parks, Reimann, Smith; Assistant Professor: Gabert, Dykstra.

PRE-ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS Degree in Engineering is four years and the following program is designed to do this along with two years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take four and one-half, five years or more to earn the degree. Therefore, a convenient option based on three years at BSU followed by one and one-half years at the University of Idaho is available and students may consult an Engineering advisor about this program. The five-year option is also advised for students needing to work while attending school. Engineering curricula are very similar all over the country and students can readily transfer to other Engineering colleges. Students should consult an Engineering advisor about possible program modifications if they plan to go to some school other than the University of Idaho to complete their degree.
SCHOOL OF ARTS & SCIENCES

PHYSICS
(Bachelor of Science)
(Secondary Option)

The scope of the program is applied. However, flexibility is to be maintained in order to direct the student toward his desired objectives. If the student is interested in going on into graduate work in Quantum Physics, more Math and some independent study in Quantum Physics would be recommended. Depending on the particular field of interest in Physics, the student could select electives in Biology, Chemistry, Math or Geophysics.

PHYSICS MAJOR

I. Liberal Arts Option

1. General University and BA Degree Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Calculus &amp; Anal. Geometry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physics</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Electronics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Digital Computer Programming</td>
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<td>2</td>
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<tr>
<td>Mathematics</td>
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<td>13</td>
</tr>
<tr>
<td>Physics Lab</td>
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</tr>
<tr>
<td>Computer Programming</td>
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<td>Systems &amp; Circuits</td>
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<tr>
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<td>Numerical Analysis</td>
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<td>Chemistry</td>
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<tr>
<td>Recommended Electives</td>
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II. Engineering Option

1. Computer Programming

<table>
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<th>Subject</th>
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<tr>
<td>Systems &amp; Circuits</td>
<td>4</td>
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<td>Thermodynamics</td>
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<td>Numerical Analysis</td>
<td>4</td>
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<tr>
<td>Recommended Electives</td>
<td>7</td>
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</tbody>
</table>

*With consent of advisor and chairman, substitutions can be made for not more than 8 hours of the above from the area of Biology, Chemistry, Math, Engineering or Geophysics.

PHYSICS Bachelor of Science Degree
(Suggested Program)

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition</td>
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<td>College Chemistry</td>
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<td>Physics</td>
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<td>Area I or II Requirements</td>
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SOPHOMORE YEAR:

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<th>Subject</th>
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JUNIOR YEAR:

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<tr>
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<tr>
<td>Cost Accounting</td>
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<tr>
<td>Principles of Management</td>
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</tr>
<tr>
<td>Electives, Area I</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Cost Est. &amp; Bidding</td>
<td>3</td>
</tr>
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<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>Labor Law</td>
<td>3</td>
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<tr>
<td>Construction Equipment &amp; Methods</td>
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SENIOR YEAR:

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<tbody>
<tr>
<td>Concrete &amp; Formwork Construction</td>
<td>2</td>
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</table>
SCHOOL OF ARTS & SCIENCES

JUNIOR YEAR:

Modern Physics PH 311, 312 ..................... 3 3
Electronics Lab PH 301 .......................... 4 4
Transducers PH 304 .............................. 2 2
Lab Microprocessor Applications PH 307 .... 3 3
Thermodynamics EN 320 ........................ 4 4
Optics PH 331 ................................... 4 4
Area I or II Requirements ......................... 3 3
Area I or II Requirement ........................ 3 3

CO 410 Concrete and Formwork Construction (2-0-2) (F). Design and methods of formwork construction. Study of the properties of concrete, methods of mixing, placing, curing and finishing. Monday field trips required. Prerequisite: EN 308.

CO 417 Project Scheduling and Control (3-0-3) (S). Critical path method (CPM) as a construction planning, scheduling and management technique. Monday field trips required. Prerequisite: EN 104, CO 370, CO 374.

LOWER DIVISION

EN 100 Energy for Society (3-2-4) (F) (Area III). A general interest course having no prerequisite. A basic understanding of energy and how it has been put to use is developed to promote a better understanding of our present technological society with its energy, environmental, social, and political problems. Alternative as well as conventional energy solutions will be studied.

EN 101 Technical Drawing (2-0-2). A basic course in technical drawing covering lettering, the use of drawing instruments, geometry, orthographic projections, sectioning, dimensioning, pictorial drawing and other drafting problems. Monday field trips required. Prerequisite: EN 104 (M 124) Digital Computer Programming (2-0-2). Course for engineering, science, or math majors to introduce FORTRAN and BASIC programming principles and logic including computer hardware, compilers, subroutines and applications in problem solving. Should have Mathematics background equal to or exceeding one of prerequisites. Prerequisite: M 106 or 111 or 108.

EN 107 Engineering Fundamentals (3-0-3) (FS). An introduction to engineering including history and organization of the profession, methods of analysis and computation, and the design process. Prerequisite: M 111 or equivalent math ability.


EN 205 Introduction to Mechanics (3-0-3) Covers basic statics including equilibrium, static friction, centroids, moment of inertia plus dynamics by particle motion analysis. Kinetics of particles including concepts of force, mass, acceleration, work, and energy, impulse and momentum. Corequisite: M 205 or PERM INSTR and PH 220.

EN 206 Dynamics of Rigid Bodies (2-0-2) (S). Analysis of forces and the resulting motion as pertaining to rigid bodies undergoing rotation and general plane motion. Prerequisite: EN 205.

EN 215 Basic Surveying (1-3-2) (F). A basic course in surveying serving as both a preliminary course for engineering majors and a complete course for forestry and other non-engineering majors. Course covers use of transit, level, plane table, and computations related to elevation, traverse and stadia surveys. Prerequisite: M 111 or equivalent.

EN 216 Engineering Measurements (1-3-2) (S). Advanced topics in surveying plus theory and practice relating to types of errors, distribution of errors and precision in measurement. Prerequisite: EN 215.

EN 221 Systems and Circuits (3-0-3) (F). The fundamental course in electrical engineering which provides an introduction to electrical circuits and basic network analysis. Topics covered are simple resistive, capacitive and inductive circuits, network theorems and circuit analysis methods. Prerequisite: M 204.

EN 222 Systems and Circuits II (3-3-4) (S). A continuation of EN 221 extending into second order circuits, the use of phasors, AC steady-state analysis and frequency-domain analysis. Transform methods of circuit analysis are introduced. Prerequisite: EN 221.

EN 223 Intermediate Applied Programming (2-0-2) (S). An intermediate course stressing the algorithmic techniques of problem solving using the computer, Stress will be on languages and programming topics useful in the solution of science and engineering problems. Concentrates on FORTRAN, but will use other programming languages. Prerequisite: EN 104 (M 124). Credit cannot be obtained from both EN 223 and M 225.

UPPER DIVISION

EN 301 Fluid Mechanics (3-0-3) (S). Physical properties of fluids; fluid mechanics and measurement; viscous and turbulent flow, lift, drag, and boundary layer effects; flow in pipes and open channels. Prerequisite: M 206 and EN 205.

EN 306 Mechanics of Materials (3-0-3) (FS). Elasticity, strength, and modes of failure and engineering materials, theory of stress and strains for columns, beams and shafts. Three class periods per week. Prerequisite: M 205 or PERM INSTR and EN 205.

EN 320 Thermodynamics and Heat Transfer (3-0-3) (F). First and second laws of thermodynamics; thermodynamic processes; thermodynamic properties of fluids; flow processes, heat to work conversion, refrigeration, conduction and radiation. Prerequisite: M 206 and PH 221.

EN 382 Engineering Economy (2-0-2) (S). Economic analysis and comparison of engineering alternatives by annual-cost, present-worth, capitalized cost, and rate-of-return methods; income tax considerations. Prerequisite: Junior standing.

COURSES OFFERINGS

EN ENGINEERING

LOWER DIVISION

CO 240 Construction Fundamentals (2-0-2) (S). An introduction to the construction industry and construction management. A survey of basic trades, methods and technology with an introduction to blueprints and quantity calculations. Prerequisite: EN 101, M 111. Monday field trips required.

CO 241 Construction Equipment & Materials (3-0-3) (F). Characteristics, capabilities, limitations of the use of equipment in general building and heavy construction equipment. Monday field trips required. Prerequisite: EN 205.


CO 350 Electrical and Mechanical Installations (2-0-2) (S). Fundamentals of electrical systems, light and power requirements, building codes. Monday field trips required. Prerequisite: PH 102.

CO 370 Cost Estimating and Bidding (3-0-3) (S). Extracting quantities from drawings, compiling and pricing estimates, preparation of bids. Monday field trips required. Prerequisite: CO 346.

PS PHYSICAL SCIENCE

LOWER DIVISION

PS 100 Foundations of Physical Science (3-2-4) (F) (Area III). Selected concepts of matter and energy that are widely applicable toward understanding our physical and biological environment. A one-semester course for non-Science majors.

GRADUATE

PS 501 Basic Physical Science for Elementary Teachers (3-0-3). An introduction to the basic ideas of Physical Science including matter, energy, motion, electricity,
magnetism, wave motion, sound, light, heat, atomic and nuclear physics, and astronomy. Elementary concepts will be discussed and demonstrated with emphasis on methods that can be used with elementary school students. Offered when there is sufficient demand.

**COURSE OFFERINGS**

**PHYSICS**

**LOWER DIVISION**

**PH 100** A Cultural Approach to Physics (3-3-4). Designed for liberal arts students. Students should gain an appreciation for the basic ideas in physics and how these ideas have contributed to the development of western culture by their influence on philosophy, religion and technology. Emphasis is on the development and historical significance of fundamental concepts. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-Science majors. Prerequisite: PH 103.

**PH 101-102** General Physics (3-3-4) (Area III). Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the bachelor of arts and bachelor of science curricula, and may be taken by those desiring a science course in their general education. Prerequisite: PH 101. Offered when there is sufficient demand. Methods that can be used with elementary school students. Offered when there is sufficient demand. Prerequisite: PH 103.

**PH 103** Radiological Physics (2-0-3) (F). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included. Prerequisite: PH 104.

**PH 104** Radiological Physics (2-2-3) (S). An application of electrical, atomic, and nuclear physics to image intensification, fluoroscopy, cine-radiography, video tape systems, stereoradiography, body section radiography, therapeutic radiology and nuclear medicine. Prerequisite: PH 103.

**PH 105** Introduction to Descriptive Astronomy (3-2-4) (Area III). A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-Science majors. Prerequisite: PH 106.

**PH 106** Introduction to Computers (3-3-4) (S). The potential and limitations of computers, and their impact on society. The course includes an introduction to computer hardware and programming. Designed for non-Science majors. Prerequisite: PH 106.

**PH 207** Introduction to Biophysics (3-3-4) (S). A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used in studying biological systems. Prerequisite: M 111 or 108.

**PH 220** Physics I—Mechanics (3-1-3) (F) (Area III). Kinematics, dynamics of particles, statics, momentum, work, energy, rotational motion and vibratory motion. Prerequisite: M 204. Must be concurrently taken or have taken M 205.

**PH 221** Physics II—Wave Motion and Heat (3-1-3) (F) (Area III). Wave motion on strings, acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the First and Second Laws of Thermodynamics. Prerequisite: PH 220. Must be concurrently taken with PH 223.

**PH 222** Physics III—Electricity and Magnetism (3-1-3) (F) (Area III). Coulomb’s Law, electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Prerequisite: PH 220. Must be concurrently taken with PH 224.

**PH 223** Wave Motion and Heat Lab (0-3-1) (F) (Area III). A lab designed to be taken concurrently with PH 221. Basic experiments in mechanics, wave motion, sound, optics and heat. Prerequisite: PH 220 and concurrent enrollment in PH 221.

**PH 224** (EN 224) Electricity and Magnetism Lab (0-3-1) (F) (Area III). A lab designed to be taken concurrently with PH 222. Basic experiments in electricity, simple circuit analysis and instrumentation. Prerequisite: PH 220 and concurrent enrollment in PH 221.

**PH 319** Analog Electronics Lab (2-0-3) (F). An introduction to some of the more common discrete and integrated circuits and analog integrated circuits and their uses in electronic circuits. Included are devices such as diodes, silicon control rectifiers, bipolar transistors, field effect transistors, operational amplifiers and their use in rectifier, amplifier and waveform shaping circuits. Prerequisite: PH 224, EN 222.

**PH 394** Transducers (1-3-2) (S). An introduction to some common devices used to convert energy forms into electrical signals. Included are photomultiplier tubes, photoconductive cells, photodiodes, phototransistors, linear and nonlinear differential transformers, thermocouples, thermistors, piezoelectric and piezoresistive elements. Signal conditioning for these devices will be covered. Prerequisite: PH 391.

**PH 376** Laboratory Microprocessor Applications (2-3-3) (F). A course designed to provide the student with the necessary skills to utilize a preassembled microprocessor system for data acquisition and control. Prerequisite: PH 222 or EN 223 or PERM/INST.

**PH 311-312** Modern Physics (3-3-3) (F). A brief introduction to the special relativity, basic ideas of quantum mechanics with application to atomic, molecular, nuclear, solid state physics and statistical mechanics. Prerequisite: PH 221, 222, M 321.

**PH 321** Optics (3-3-4) (F). An upper division course stressing the applied facets of optics such as the use of various optical components for analysis and measurements in the visible region of the electromagnetic spectrum. Prerequisite: PH 221 and 222.

**PH 341** Mechanics (4-0-4) (F). An upper division course which approaches classical mechanics with the aid of vector calculus and differential equations. Numerical techniques and computer applications will be used. Prerequisite: M 321 and PH 220.

**PH 391-392** Electricity and Magnetism (3-3-3) (F). Electrostatic fields, potentials, Gauss’ law, solutions of Laplace’s equation, electrostatics of conductors and dielectric materials. Prerequisite: Upper Division standing and PERM/INST and possible specific courses depending on topic. Offered on demand.

**PH 481** Senior Lab (1-6-3) (F). A senior laboratory course designed to acquaint the student with concepts of modern physics, laboratory techniques and measurements. Prerequisite: PH 312.

**PH 482** Senior Project (0-6-2) (S). Elective. A sophisticated laboratory project in some area of physics. Prerequisite: PH 481.

**PH 499** Physics Seminar (1-0-1) (S). Individual reports on selected topics. Prerequisite: Senior status.

**DEPARTMENT OF POLITICAL SCIENCE AND PHILOSOPHY**

Political Science Center

Phone 208/385-1458

Chairman and Professor: Dr. Willard M. Overgaard; Professors: Skiller, Donoghue; Associate Professors: Brubaker, MacPhee, Raymond, Schoedinger, Assistant Professors: Barton, Hartson, Kinney, Peterson (Emeritus), Sale; Special Lecturers: Doyle, Kuykendall.

The program of the Department of Political Science is designed to provide the student with a knowledge of political values of the American political system, of the political systems of other areas of the world, and of international politics and institutions; to provide an understanding of the interactions of institutions, groups, and the individual within the framework of the diverse political systems and political relationships; to develop a comprehension of the methodology relevant to the discipline of Political Science in the various substantive areas of concentration, including political philosophy, American government systems and processes, political behavior, comparative government and politics, international relations, and public law; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student’s understanding of the political environment on the local, national, and international levels.

The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the University offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

A Master of Public Administration Degree program is also offered through the Department of Political Science.

**POLITICAL SCIENCE MAJOR**

Bachelor of Arts Degree

A major program in Political Science is to be defined for each student in terms of a general foundation of knowledge in the discipline of Political Science, accommodating the developmental interests of the student but reflecting a concentration in any one of the following four "areas of emphasis" as available options for a major program in Political Science:

I. Political Philosophy and Public Law

II. American Governmental Systems and Processes

III. International Relations

IV. Public Administration

As an additional option, major emphasis in Political Science is provided in teacher education preparation.

V. Political Science-Social Science Secondary Education

The basic requirements applicable to all major programs in Political Science, irrespective of the selected area of emphasis, are to include the following courses:

- American National Government PO 101
- Contemporary Political Ideologies PO 141
- International Relations PO 231
- Political Behavior PO 286
- Senior Seminar (Scope and Methods of Political Science) PO 488
I. Political Science — Political Philosophy and Public Law Emphasis
This area of emphasis is designed for those students whose principal interest in Political Science concerns both the fundamental political thought, past and present, in the development of political institutions in society and the systematized legal norms and processes of diverse societies.

A. General University and Core Requirements
B. Political Science Major Requirements 45
   1. Lower Division Courses 15
      American National Government PO 101 3
      Comparative European Government and Politics PO 229 3
      International Relations PO 231 3
      Political Behavior PO 298 3
   2. Upper Division Courses 30
      American Political Theory PO 331 3
      Constitutional Law PO 351 3
      International Law PO 421 3
      Western Political Theory I PO 441 3
      Western Political Theory II PO 442 3
      Comparative Legal Systems PO 451 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
   Political Science Electives 9

II. Political Science — American Governmental Systems and Processes Emphasis
This area of emphasis is offered to students who wish to concentrate their attention on national, state, and local political institutions of the United States. The course requirements and electives in this area of emphasis seek to provide the student with an understanding of American government.

A. General University and Core Requirements
B. Political Science Major Requirements 45
   1. Lower Division Courses 15
      American National Government PO 101 3
      Comparative European Government and Politics PO 229 3
      International Relations PO 231 3
      Legislative Behavior PO 312 3
      American Political Theory PO 331 3
      Constitutional Law PO 351 3
      Senior Seminar (Scope and Methods of Political Science) PO 496 3
   2. Upper Division Courses 30
      American Parties and Interest Groups PO 301 3
      Public Opinion and Voting Behavior PO 302 3
      American Chief Executive PO 309 3
      Legislative Behavior PO 312 3
      American Political Theory PO 331 3
      Constitutional Law PO 351 3
      Senior Seminar (Scope and Methods of Political Science) PO 496 3
   Political Science Electives 9

III. Political Science — International Relations Emphasis
The area of emphasis in International Relations is available for students wishing to obtain a general understanding of international affairs for a more intelligent citizenship in the modern world society. Students enrolling in this option are advised to prepare themselves adequately in modern foreign languages. The course requirements in Political Science are intended to provide a basis for an interdisciplinary program with additional courses drawn from Foreign Languages, History, Economics, and Sociology.

A. General University and Core Requirements
B. Political Science Major Requirements 45
   1. Lower Division Courses 15
      American National Government PO 101 3
      Comparative Political Ideologies PO 141 3
      Comparative European Government and Politics PO 229 3
      International Relations PO 231 3
      Political Behavior PO 298 3
   2. Upper Division Courses 30
      Comparative Foreign Policy PO 311 3
      Comparative Communist Party-State Systems PO 324 3
      Comparative Governments and Politics of the Developing Nations PO 333 3
      United States Foreign Policy PO 335 3
      International Law PO 421 3
      International Organization PO 422 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
   Political Science Electives 9

IV. Political Science — Public Administration Emphasis
As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as Public Administration and Economics, Public Administration and Sociology, Public Administration and Psychology, and Public Administration and Communication. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in Computer Science, Psychology, Sociology, History, Economics, and Communication.

A. General University and Core Requirements
B. Political Science Major Requirements 45
   1. Lower Division Courses 15
      American National Government PO 101 3
      Comparative Political Ideologies PO 141 3
      Public Policy PO 229 3
      International Relations PO 231 3
      Political Behavior PO 298 3
   2. Upper Division Courses 30
      Intro to Public Administration PO 303 3
      American Chief Executive PO 309 3
      Public Finance PO 310 3
      Administrative Law PO 467 3
      Intergovernmental Relations PO 469 3
      Organization Theory and Bureaucratic Structure PO 487 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
   Political Science Electives 9

V. Political Science — Social Science Secondary Education Option
Each academic department in the Social Sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the Department’s subject matter plus 2 additional fields of study or teaching minors of 15 credits, each chosen from other Social Science fields. Also SS 450, Teaching Social Studies in the Secondary School, is required for all students with Social Science Secondary Education Option; certification requirement of 6 hours of U.S. History is applicable.

30 Credit Hour Program — 24 Credit Hours Required Courses:
   American National Government PO 101 3
   State and Local Government PO 102 3
   Comparative Political Ideologies PO 141 3
   International Relations PO 231 3
   Comparative European Government and Politics PO 229 3
   American Parties and Interest Groups PO 302 3

   30 Credit Hour Program — 24 Credit Hours Required Courses:
   American National Government PO 101 3
   State and Local Government PO 102 3
   Comparative Political Ideologies PO 141 3
   International Relations PO 231 3
   Comparative European Government and Politics PO 229 3
   American Parties and Interest Groups PO 302 3
PO 310 Public Finance (3-0-3) (S). Fiscal aspects of planning and control of governmental units. Principles of taxation and other revenues, government indebtedness, and policy-making. (Interdepartmental course with department of economics) Prerequisite: EC 201, 202.

PO 311 Comparative Foreign Policy (3-0-3) (F). Political institutions, concepts, values, and methods of international politics relevant to practice of nation-states; examination of foreign policies and objectives of world's major powers; analysis of contemporary international problems; consideration of theories of international politics. Prerequisite PO 101 or 231.

PO 312 Legislative Behavior (3-0-3) (S). Analysis of behavior of American state and national legislatures. Special consideration given to impact of constituencies, parties, interest groups, interpersonal relations, and other factors on legislators; role of the legislature in American political system.


PO 331 American Political Theory (3-0-3) (F). Genesis and development of political thought in the United States from colonial period to present.

PO 333 Comparative Governments and Politics of Developing Nations (3-0-3) (FIS). Political systems of selected nations in developing areas of the world, including nations in Africa, Asia, and Latin America. Patterns and problems of political development and modernization in the nations will be analyzed. Prerequisite: PO 101. Alternate years.

PO 335 United States Foreign Policy (3-0-3) (FIS). Development of diplomacy from foundation of the republic to the present with emphasis on emergence and conduct of United States as a world power; impact of domestic developments on formulation of foreign policies. Alternate years.

PO 351 Constitutional Law (3-0-3) (S). Case study of constitutional system and its concepts as revealed in judicial decisions. Prerequisite: PO 101.

PO 352 International Law (3-0-3) (F). Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practices of international law and their application to international affairs. Prerequisite: PO 101, 231. Alternate years.

PO 442 International Organization (3-0-3) (FIS). Historical background, the league, basic principles, and international entities, the United Nations. Prerequisite: PO 101, 231. Alternate years.

PO 441 Part I: Western Political Theory (3-0-3) (F). Development of political philosophy from Socrates to Machiavelli. Alternate years.

PO 442 Part II: Western Political Theory (3-0-3) (S). Development of political thought since Machiavelli. Prerequisite: PO 441. Alternate years.

PO 451 Comparative Legal Systems (3-0-3) (S). Principal legal systems of the world, with emphasis on ideological foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisite: PO 101, 141, 226. Alternate years.

PO 465G Comparative Public Administration (3-0-3) (FIS). Systematic examination and comparison of varied models and theories of administrative systems. International and international studies. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. Prerequisite: PO 303 or PERM/INST.

PO 465H Intergovernmental Relations (3-0-3) (FIS). Intergovernment cooperation and conflict in the American federal system, including state-local relationships and metropolitan dispersal and integration. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. Prerequisite: PO 101, 102, 283.

PO 487G Organizational Theory and Bureaucratic Structures (3-0-3) (FIS). Sociopolitical analysis of theories and concepts of complex social organizations, their application to public administration and the inter-relationship between political science and sociological organizational theory. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation.

PO 493 Internship (Variable credit). Upper division students may arrange through the department for an internship program. The legislative internship is a part of this program, and application for it should be made in early October.

PO 498 Senior Seminar (Scope and Methods of Political Science) (3-0-3) (F). Examination of discipline of political science, its central problems and unifying concerns; techniques of scientific political investigation as they relate to improved research methods. Required of all political science majors.

COURSE OFFERINGS

PO POLITICAL SCIENCE

LOWER DIVISION

PO 101 American National Government (3-0-3) (F/S) (Area I). Institutions and processes of American political system, emphasizing social, ideological, and constitutional background.

PO 102 Local Government (3-0-3) (FIS). Institutions and processes of state and local government, with emphasis on constitutionalism, legislatures, governors and reapportionment.

PO 141 Contemporary Political Ideologies (3-0-3) (F/S) (Area II). Principal ideas characterizing liberalism, communism, fascism, and Nazism.

PO 226 American Political Thought (3-0-3) (S). Process through which policy is determined, implemented and adjusted, with emphasis on role of administrators.

PO 228 Comparative European Governments and Politics (3-0-3) (FIS). Political systems of selected European nation-states, including Great Britain, France, Germany, Federal Republic, Italy, and Scandinavian states. Analysis of patterns of political culture, political interests, political power, and selected public policy issues. Prerequisite: PO 101 or PERM/INST.

PO 231 International Relations (3-0-3) (FIS). Nature of relations among nations with particular reference to contemporary international issues. Analysis of motivating factors, including nationalism, imperialism, communism. Study of national sovereignty and its role in an international cooperation. Prerequisite: PO 101 or PERM/INST.

PO 289 Political Behavior (3-0-3) (F). Behavioral perspectives of political systems. Micro-political theory, concepts, and techniques of analysis.

UPPER DIVISION

PO 301 American Parties and Interest Groups (3-0-3) (F). Development of understanding of nature, functions, organization, and activities of political parties and interest groups within American political system. Emphasis on performance of America's two major political parties, especially in nominations and elections, and on organization and lobbying activities of major interest groups. Prerequisite: PO 101 or 102.

PO 322 Public Opinion and Voting Behavior (3-0-3) (S). Development of public opinion and voting behavior. Emphasis on research from variety of fields for understanding and analysis of factors that mold popular attitudes and political behavior. Prerequisite: PO 101 or 102.

PO 332 Introduction to Public Administration (3-0-3) (FIS). Theoretical, administrative organization, functions and problems of governmental units. Prerequisite: PO 101.

PO 399 American Chief Executive (3-0-3) (F). Consideration of the importance and involvement of the President in the political and policy-making processes and powers of the Presidency, Presidential role in foreign policy, and political influences on the President. Prerequisite: PO 101.

PY 245 Metaphysics (3-0-3) (F). Examination of (a) problem of free will versus determinism, (b) nature of causation, (c) problem of personal identity, and (d) ontology. Prerequisite: PY 101.

PY 247 Epistemology (3-0-3) (S). Theory of knowledge, including (a) examination of relationships and differences between knowledge and belief, (b) evaluation of theories of perception, and (c) theories of truth. Prerequisite: PY 101.

PY 249 Ancient Philosophy (3-0-3) (S). Works of Plato and Aristotle. Prerequisite: PY 101.

PY 251 Medieval Philosophy (3-0-3) (S). Works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, William of Ockham and other contributors to intellectual thought during the Middle Ages. Prerequisite: PY 101.

PY 303 The Age of Absolutism and Reason (Philosophy) (3-0-3) (F/S). European thought in the seventeenth and eighteenth centuries. Ideas of the philosophers and the crisis of the old regime leading to revolutions. May be taken for History credit or for Philosophy credit, but not for both. Prerequisite: PY 101. Alternate years.

PY 334 Phenomenology and Existentialism (3-0-3) (F). Exploration of the most fundamental of human problems: man is subjective by nature, for he is trapped by his own view of the world, yet the rational mind strives for objectivity. The clash between the two leads man to ask the existential question, "who am I," and the phenomenological question, "what is my relationship to the external world." Prerequisite: PY 101.

PY 402 Symbolic Logic (3-0-3) (S). Translation of natural language statements into symbolic form for the purpose of ridding them of ambiguity and of making deductions through rules of propositional calculus. Prerequisite: PY 121.

PY 406 Philosophy of Science (3-0-3) (F). Examination of such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities. Prerequisite: PY 101 or 121.

DEPARTMENT OF SOCIAL WORK

Education Bldg., Rm. 713 Phone 208/385-1568

Chairman and Associate Professor: Doug Yunker; Associate Professors: Huff, Oliver, Panitch; Assistant Professor: Johnson.

A Baccalaureate Degree program in Social Work fully accredited by the Council on Social Work Education.

Social Work offers an opportunity for a personally rewarding professional career to those who care deeply about the well-being of others. Social workers give direct services to individuals, families, groups and communities. Qualified licensed social workers are in demand in every area of professional practice.

Social Work is usually practiced in social welfare agencies and in Social Work departments at host institutions. Social workers are needed to work with mentally ill, emotionally disturbed, delinquent, mentally retarded, physically handicapped, economically, and socially deprived children and adults. Social workers are sought for service in schools, courts, hospitals, and clinics that seek to detect and prevent delinquency and child neglect.

Community centers, psychiatric and general hospitals and service centers for the aged also seek qualified social workers and offer varied career opportunities. Equally challenging opportunities exist in public and private agencies that deal with problems of housing and urban renewal, public health, community mental health, social welfare planning and fund-raising, race relations, and the many other concerns that become especially acute both in changing neighborhoods of large cities and in depressed rural and industrial areas. Social Work practice is designed to achieve the greatest potential development.

SOCIAL WORK MAJOR

Bachelor of Arts Degree

FRESHMAN YEAR:

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SOPHOMORE YEAR:

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JUNIOR YEAR:

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<td>Social Work Policy SW 301</td>
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<td>Social Work Methods - Groupwork SW 385</td>
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COURSE OFFERINGS

SW SOCIAL WORK

LOWER DIVISION

SW 101 Introduction to Social Work (3-0-3). Survey of the historical development and contemporary practice of social work; values, knowledge base, skills, the underlying philosophy and the need for social services in society. Social work functions and career opportunities are delineated. Required.

SW 201 Elementary Social Work Processes (3-0-3). Communication skills, interviewing techniques, and problem solving processes specific to practice. Community social services are reviewed and three clock hours of service per week required in agency to facilitate the integration of values, knowledge and skills. Prerequisite: SW 101.

SW 301 Social Welfare Policy (3-0-3). Social welfare as an institution and social work as a profession as mechanisms to deal with the problems of social change and the effects of life in a modern industrial society. How social and individual needs have been dealt with in the past and present, the ideological base for understanding the interface between policies and social welfare. Prerequisite: SW 201.

SW 321 Human Behavior in the Social Environment (3-0-3). Human systems framework, age-related stages of development with special attention to life crises related to each stage, identifying developmental tasks with which social work interventions are especially concerned. Develops key concepts in understanding feminist, racial, ethnic and alternate life styles. Prerequisite: SW 201, SO 101 and P 191.

SW 380 Social Work Statistics and Research Methods (3-0-3). An introduction to the scientific method and the basic elements of research methodology and statistics. The focus will be on the use of research in Social Work and the manner in which research interests with other Social Work methods. Prerequisite: SW 301, 321.

SW 385 Social Work Methods — Casework (3-0-3). An examination of skills employed to serve individuals and families; communication skills, problem solving process and case recording. Prerequisite: SW 301, 321.


SW 435 Social Work Methods — Groupwork (3-0-3). Dynamics of group behavior, understanding group interaction and the processes of working with groups. Prerequisite: SW 301, 321.

SW 480 Field Work I (0-16-5). Sixteen clock hours per week; student works as a practicing social worker under the supervision of a professionally trained and experienced social worker. All juniors must apply for admission into the field work program prior to the beginning of their second semester. Prerequisite: SW 301, 321, 380, may take SW 385 prior to or concurrent with SW 480; must have a GPA of 2.5 overall and 3.0 in Social Work courses.

SW 481 Field Work II (0-16-5). Continuation of Field Work I. Prerequisite: SW 385, 480 and PERM/INST.

SW 498 Senior Level Seminar (1-0-1). Continuation of SW 483. Must be taken concurrently with SW 480.

SW 499 Senior Level Seminar (1-0-1). Continuation of SW 488. Must be taken concurrently with SW 481.

DEPARTMENT OF
SOCIOLoGY,
ANTHROPOLOGY
AND
CRIMINAL JUSTICE
ADMINISTRATION

Library Bldg., Rm. 218 Phone 208/385-3406

Chairman and Professor: Dr. Max G. Pavesic; Professors: Baker, Dorman, Harvey, Pavesic, Scheffer; Associate Professors: Christensen, Cox, Hopfenbeck, Marsh; Assistant Professors: Corbin, Hall; Visiting Professor: Ames.

The Department of Sociology, Anthropology and Criminal Justice Administration is responsible for the following six degree programs:

ASSOCIATE DEGREE
Criminal Justice Administration
Social Science (Penitentiary only)

BACHELOR DEGREE
Anthropology

Criminal Justice Administration
Sociology
Sociology
Sociology-Social Science Secondary Education Option
Multi-Ethnic Studies

In addition, the Department is responsible for both an Anthropology and a Sociology "Social Science Curriculum Minor" as part of the Social Science Secondary Education degree for a "Minor" in Multi-Ethnic Studies, and for a "Minor Certification En- dorsement" in Anthropology and in Sociology for teachers.

ANTHROPOLOGY
Bachelor of Arts Program

I. Liberal Arts Option
A. General College and Basic Core Requirements
B. Anthropology Requirements

1. Lower Division Courses

<table>
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<th>Course</th>
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<tr>
<td>Physical Anthropology AN 101</td>
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<tr>
<td>Cultural Anthropology AN 102</td>
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<tr>
<td>Intro to Archaeology AN 103</td>
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2. Upper Division Courses

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<td>History of Anthropology AN 401</td>
<td>3</td>
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<tr>
<td>Elementary Social Statistics SO 310</td>
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3. Other Upper Division Courses

Select 6 credits from each of the following groups of courses:

- Group I Courses
  - Anthropology of Education AN 409 | 3 |
  - Physical Variation AN 325        | 3 |
  - Applied Anthropology AN 430      | 3 |
  - Socio-Cultural Electives         | 3 |

- Group II Courses
  - Indians of North America AN 307  | 3 |
  - Indian Peoples of Idaho AN 315   | 3 |
  - Peoples & Cultures of the World AN 311 | 3 |
  - Ethnography Electives          | 3 |
  - Group III Courses               | 6 |
  - Old World Prehistory AN 303     | 3 |
  - Archaeology on North America AN 312 | 3 |
  - Archaeology of Latin America AN 318 | 3 |

II. Anthropology — Social Science Secondary Education Options

Each academic discipline in the Social Sciences (History, Political Science, Sociology, Anthropology and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the Department's subject matter plus 2 additional fields of study of 15 credits each chosen from the other Social Science fields.

A. Anthropology Courses

Required courses are the same as for the major except SO 310 is not required

B. Secondary Education Requirements

Refer to Teacher Education Department

C. State Department of Education Certification Requirements, Social Studies

<table>
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<tr>
<td>Federal Government</td>
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D. In addition to the above required "C" at least 15 credits of which 9 credits must be Upper Division courses offered by any 2 of the following academic disciplines:

- Economics
- History
- Political Science
- Sociology

III. Anthropology Minor Option

1. Liberal Arts Minor

Completion of the following courses

<table>
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<tr>
<th>Course</th>
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<tr>
<td>Physical Anthropology AN 101</td>
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<td>Cultural Anthropology AN 102</td>
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<tr>
<td>Intro to Archaeology AN 103</td>
<td>3</td>
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<tr>
<td>Peoples &amp; Culture of the World AN 311</td>
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SCHOOL OF ARTS & SCIENCES

Upper Division Anthropology Electives .......................... 9
2. Anthropology Education Minor Option .......................... 15
   Required Courses:
   Physical Anthropology AN 101 .............................. 3
   Cultural Anthropology AN 102 .............................. 3
   Upper Division Anthropology Electives ................. 6
   Intro to Archaeology AN 103 is strongly recommend-

Criminal Justice Administration
Bachelor of Arts Degree
Bachelor of Science Degree

The Bachelor of Arts/Science degree in Criminal Justice Ad-
ministration offers a choice of four professional areas of em-
phasis: Law Enforcement, Courts/Law, Corrections/Counseling
and Planning/Administration.

A student major is required to complete the core courses plus
the courses within a desired area of specialization.

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<td>Introduction to Financial Accounting AC 205</td>
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<td>Applied Business Communications OA 238</td>
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<td>Social Justice CR 101</td>
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<td>Contemporary Correction Theory and Practice CR 362</td>
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<tr>
<td>Independent Study in Criminal Justice CR 496</td>
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*May be waived upon demonstration of competency. Contact Prof. Hopfenbeek

Specialty Area Courses:

I. Law Enforcement
   - Defensive Tactics PE 192
   - Law of Criminal Evidence CR 275
   - Law of Arrest, Search & Seizure CR 276
   - Police Organization and Management CR 351
   - Introduction to Criminalistics CR 380
   - Criminal Justice Planning CR 425
   - Comparative Law Enforcement Administration CR 451

II. Courts/Law
   - Law of Criminal Evidence CR 275
   - Law of Arrest, Search & Seizure CR 276
   - Judicial Administration and Court Management CR 381
   - Criminal Justice Planning CR 425
   - Comparative Law Enforcement Administration CR 451
   - Constitutional Law PO 351
   - Field Practicum - Courts/Law CR 490

Electives to total 128

17-20

III. Corrections/Counseling
   - Corrections in the Community CR 331
   - Interviewing and Counseling in Criminal Justice CR 340
   - Advanced Interviewing and Counseling in Criminal Justice CR 341
   - Criminal Justice Research & Evaluation CR 426
   - Field Practicum - Corrections/Counseling CR 490
   - Criminal Justice Elective CR 490

Electives to total 128

18-21

IV. Planning/Administration
   - Judicial Administration & Court Management CR 381
   - Criminal Justice Planning CR 425
   - Criminal Justice Research & Evaluation CR 426
   - Comparative Law Enforcement Administration CR 451
   - Criminal Justice Electives CR 490
   - Field Practicum - Planning/Administration CR 490

Electives to total 128

17-20

Associate of Science Degree (Two-Year)
(Suggested Program)

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**May be waived upon showing of competency by written test. See Professor Hopfenbeek.

Social Science
Bachelor of Arts Degree

1. General University and Basic Core Requirements:
2. Social Science Requirements:
   A. Lower Division Courses
      1. Anthropology
      2. Economics
      3. Political Science
      4. Sociology
   B. Upper Division Courses (select from the following combinations—12 credits in one field and 6 credits in 2 other fields):
SCHOOL OF ARTS & SCIENCES

BACHELOR OF ARTS DEGREE

1. General University Requirements ........................................ 51
2. Ethnic Studies Requirements: ......................................... 2
   A. Lower Division Courses ........................................... 15
   Introduction to Multi-Ethnic Studies SO 230 .................. 3
   Cultural Anthropology AN 102 .................................. 3
   Ethnic Literature Courses ......................................... 6
   Minorities in U.S. History HY 261 ............................. 3
   B. Upper Division Courses .......................................... 4
   Racial and Cultural Minorities SO 305 ....................... 3
   C. Ethnic Courses Electives .......................................... 30
      (List of approved Course Offerings available from
       Program Supervisors)
3. General Electives ....................................................... 29
4. Multi-Ethnic Studies Minor ............................................. 128
   A. Requirements ...................................................... 9
   B. Ethnic Courses Electives ...................................... 12
      (List of approved Course Offerings available from
       Program Supervisors)

COURSE OFFERINGS

AN ANTHROPOLOGY

LOWER DIVISION

AN 101 Physical Anthropology (3-0-3) (Area II). An introduction to the fossil evidence for human evolution, genetics, modern human variation, the study of living primates, and the relationship between Biology and culture.

AN 102 Cultural Anthropology (3-0-3) (Area II). The meaning of culture: its significance for human beings, similar and diverse forms and degrees of elaboration of culture in relation to technology, economic systems, social organization, values and beliefs.

AN 103 Introduction to Archaeology (3-0-3) (Area II). An introduction to the historic background and basic techniques of anthropological archaeology. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, activities and histories.

UPPER DIVISION

AN 261 Old World Prehistory (3-0-3) (F/S). A survey of cultural evolution from the earliest known evidence of cultural behavior (ca. two million years ago) to the domestication of plants and animals, and the rise of civilization. Special emphasis is placed on the development of civilizations. Prerequisite: AN 101 or AN 102, Upper Division status, or PERM/INST.

AN 311 Peoples and Cultures of the World (3-0-3) (F/S). The cultural patterns of representative aboriginal peoples. Technology, subsistence, social organization, and religion considered with a view toward environmental adjustment, historical development and functional interrelations. Prerequisite: AN 102, Upper Division status or PERM/INST.

AN 315 Indian Peoples of North America (3-0-3) (F/S). A survey of prehistoric cultures of North America. Prerequisite: Upper Division status or PERM/INST.

AN 318 Archaeology of Latin America (3-0-3) (F/S). An investigation of the early inhabitants of Middle and South America with emphasis on cultural origins, migrations, and relationship to the habitat. Also considered will be the development of ancient civilizations of Mexico, Central America and the Andean Region of South America. Prerequisite: Upper Division status or PERM/INST.

AN 325 Human Variation (3-0-3) (F/S). An examination of the recent phases of human evolution with emphasis upon present patterns of variability. Evidence will be drawn from paleoanthropogenetics, behavioral genetics, biochemical analysis and comparative osteology. Prerequisite: AN 103, Upper Division status or PERM/INST.

AN 401 History of Anthropology (3-0-3) (F/S). An historical investigation of scientific events leading to the development of the basic concepts, theory and methods of contemporary Anthropology. Major anthropological contributions by A. L. Kroeber, Margaret Mead, Franz Boas, Julian Steward, B. Malinowski, and others will be used as reference points for presented materials and classroom discussions. Prerequisite: AN 102, Upper Division status or PERM/INST.

SOCIOLOGY—SPECIAL SCIENCE

Secondary Education Option

The Social Science Secondary Education Option Degree programs are cooperative, interdisciplinary programs involving the disciplines of Economics, History, Political Science, Anthropology, and Sociology. Each discipline provides a major curriculum of not less than 30 credits. In addition, each of the previously listed departments, with the inclusion of Geography and Psychology, provide for a minor curriculum of not less than 15 credits with the addition of 6 hours of U.S. History, as a certification requirement. A student enrolled in a Social Science Secondary Education Option must include one major curriculum and two minor curriculums in the degree program. The student is assigned to the department with the major curriculum.

The 30 hour Social Science Curriculum Major in Sociology is the same as for the Bachelor's Degree in Sociology with the addition of one single credit hour of SO 486, Independent Study (arrangements for this need to be made through contact with individual Sociology professors).

ANTHROPOLOGY

Social Science Curriculum Minor

Required Courses AN 101, 102, 311 .................................. 9
Anthropology Electives, Upper Division ............................ 6

SOCIOLOGY

Social Science Curriculum Minor

Required Course SO 101 ..................................................... 3
Sociology Electives — Half must be Upper Division ............ 12

Minor certification endorsements for teaching areas are listed in this Catalog on page 105 of the Department of Teacher Education Section within the School of Education Division.

MULTI-ETHNIC STUDIES

The Multi-Ethnic Studies program, which is open to all students, in an interdisciplinary area of emphasis, providing a BA degree. The program will help students provide themselves with an understanding of tradition, cultures, languages, problems, and perspectives.

The program is supervised by an interdisciplinary group of faculty and students. Prospective majors may contact Dr. John Jensen, Department of Teacher Education; Dr. P. K. Ourada, Department of History; A. R. Corbin, Department of Sociology, Anthropology and Criminal Justice Administration; or Mamie Oliver, Department of Social Work, to develop program of study.

Anthropology

Economics

History

Political Science

Sociology

Psychology
An 408 Anthropology of Education (3-0-3) (F/S). An examination of the cultural elements of educational processes and institutions. The application of anthropological theory and method to the problems of formal and informal education in traditional and modern cultures. Prerequisite: AN 102. Upper Division status or PERM/INST.

AN 421 Theory and Method in Archaeology (3-0-3) (S). A survey of the philosophical and theoretical foundations of archaeological theory. Includes an introduction to methodological and technical advances as applied to archaeological research. Prerequisite: AN 103. Upper Division status or PERM/INST.

AN 435 Applied Anthropology (3-0-3) (F/S). Investigation of the ways in which Anthropology and anthropologists have assisted in cultural change processes. Both the positive and negative impact of cultural change will be examined. Also considered is the application of anthropological concepts in contemporary societies and institutions. Prerequisite: AN 102, Upper Division status or PERM/INST.

COURSE OFFERINGS

CR CRIMINAL JUSTICE ADMINISTRATION

LOWER DIVISION

CR 101 Social Justice (3 credits) (S). Study of basic issues of law as a means of social control including broader issues of social justice such as poverty, racism, sex, and violence. Provides foundation for examining relevant critical issues in American society.

CR 201 - Introduction to Criminal Justice Administration (3-0-3) (F). Philosophy, history, objectives and functions of the criminal justice system as a social institution. The relationship of this system to society, general overview of the administration of justice.

CR 215 Police in the Community (3-0-3) (F). A study of police behavior in urban and rural areas with an emphasis on the police response to community change, attitudes, special interest groups, and minority relations. Prerequisite: CR 201.

CR 275 Law of Criminal Evidence (3-0-3) (F). Presentation of the laws and rules of evidence, the burden of proof, exclusionary rule, presumption, opinion, evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. Prerequisite: CR 201.

CR 276 Law of Arrest, Search and Seizure (3-0-3) (S). A highly concentrated study of the legalities and decision making processes associated with arrest, search and seizure in accordance with statutes, case law and Supreme Court decisions as they relate to constitutional protections. Prerequisite: CR 201

UPPER DIVISION

CR 201 Administration of Justice (3-0-3) (F). The administration of criminal justice from arrest to sentencing. Federal and state rules of criminal procedure and laws of evidence as they apply and affect constitutionally due process. Prerequisite: CR 201.


CR 331 Corrections in the Community (3-0-3) (S). Development, organization, operation and results of post-consent release programs. Traditional court and institutionally supervised probation and parole, work release, halfway houses, diversion, furlough concept and various community/social agency rehabilitative programs of both traditional and innovative nature. Prerequisite: CR 201 or SO 101.

CR 340 Interviewing and Counseling in Criminal Justice (3-2-4) (F). Theory and skills involved in effective communication, interviewing and counseling for criminal justice personnel. Basic communication skills and process of problem solving with criminal justice clients emphasized. Prerequisite: upper division criminal justice.

CR 341 Advanced Interviewing and Counseling in Criminal Justice (3-2-4) (F). Analysis of major theoretical counseling models. Development of advanced skills in interviewing and counseling strategies focusing on the unmotivated, involuntary client. Prerequisite: CR 340.


CR 362 Contemporary Correctional Theory and Practice (3-0-3) (F). Classicism 362. The historical development, processes, and methods of operating the adult correctional system. Detailed study of the philosophy and development of treatment strategies in local, state and federal correctional institutions. Prerequisite: upper division CJA standing.

CR 380 Introduction to Criminology (3-0-3) (S). Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field investigation and laboratory techniques. Prerequisite: CR 221. Alternate years with CR 451.

CR 381 Judicial Administration and Court Management (3-0-3) (S) (Even years). Study of the philosophy and development of treatment strategies in local and state and federal correctional institutions. Prerequisite: Upper Division CJA standing.

CR 425 Criminal Justice Planning (3-0-3) (F). Study of planning concepts and models to provide for students with skills in criminal justice planning, policy analysis and planning program evaluation. Use of planning and analytical tools to review current issues in the system. Prerequisite: Upper Division CJA standing.

CR 428 Criminal Justice Research and Evaluation (3-0-3). Basic aims, processes, and limitations in research, court management and judicial administration. Introduction to social research methods and techniques for evaluating action programs in the criminal justice field. Prerequisite: CR 425, upper division CJA standing, or instructor permission.

CR 451 Comparative Law Enforcement Administration (3-0-3) (S). An analysis and comparison of law enforcement systems at the federal, state and local levels and international systems. Prerequisite: CR 201. Non-majors: PERM/INST. Alternate years with CR 360.

CR 490 Field Practicum (V-V-6). Student placement in selected criminal justice agencies with assigned duties of regular personnel. Relevant research project required. Weekly seminar meetings with instructor to review research and agency progress. Required of all BA/BS students without one year of full time criminal justice experience. Summer of junior year; fall/spring by special permission.

CR 495 Senior Seminar In Criminal Justice Problems (3-0-3) (S). Exploration of current and anticipated critical issues and problems in the criminal justice system. Prerequisite: CR 201, senior CJA standing or instructor permission.

SO SOCIOLOGY

LOWER DIVISION

SO 101 Introduction to Sociology (3-0-3) (Area II). Groups, organizations and societies. The role of human behavior. Emphasis is on sociological perspectives, concepts, measurement and application. May be used for major or for general. Socialization, inequality, institutions, intergroup relations, change, and others.

SO 102 Social Problems (3-0-3) (Area II). Problems that arise due to breakdown of norms and values and concepts of social conflict. The causes and solutions to these problems. The student may count only one course of equivalent content for credit in the freshman and sophomore years. The student may count only one course of equivalent content for credit in the junior and senior years. 111.

SO 203 Futuristics (3-0-3) (F). Examination of the variety of forecasts about industrial societies and the critical problems of contemporary societies: growth, environment, energy, technology, resources, and quality of life. Possible solutions will be reviewed.

SO 230 Introduction to Multi-Ethnic Studies (3-0-3) (Area II). This course views major and minority relations and confronts, challenges and motivates students to know themselves better and understand some societal problems, viz, racism, prejudice, etc. The course deals with the degree to which ethnic relations involve questions of economic and political power and the distribution of the power. It looks at American society's institutional role in maintaining and perpetuating systematic inequality.

SO 250 Population (3-0-3) (F/S). How composition and changes in population affect, and are influenced by, social policies and human actions. Population problems and policies. Prerequisite: SO 101. Alternate years.

UPPER DIVISION

SO 303 Race and Cultural Minorities (3-0-3) (F/S). Comparative study of inter-ethnic relations. Problems and possibilities of genocide, oppression, integration, pluralism and equality. Prerequisite: SO 101 or PS 101 and Upper Division standing.

SO 319 Elementary Social Statistics (3-0-3) (F). The application of measurements to social research data. Basic statistical measures, techniques for their application, meaning and use in sociology. May be used for sociology credit but not for both. Prerequisite: General Psychology 101 or Introduction to Sociology 101 and upper division status.

SO 321 American Society (3-0-3) (F/S). Sociological views of the United States of America with emphasis on values, institutions, and people undergoing rapid change. Prerequisite: SO 101, Upper Division standing. Alternate years.

SO 325 Sociology of Aging (3-0-3) (F/S). Analysis of aging as a social process emphasizing the roles as a result of the process; the demands made on and by society because of the way it defines and deals with age and the problems created for society and for the aged as a result of values, attitudes and beliefs. Prerequisite: SO 101 and Upper Division standing.

SO 331 Deviant Behavior (3-0-3) (F/S). Analysis of groups who violate the norms of society, the causes and solutions for these forms of behavior. The challenge for students is to decide where the problem lies - with those labeled deviant or with those doing the labeling. Prerequisite: SO 101, Upper Division status.

SO 345 Sociology of the Family (3-0-3) (F/S). An analysis of courtship, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the relationships of these patterns to the larger society. Prerequisite: SO 101. Upper Division status.

SO 351 Social Institutions (3-0-3) (F). Comparative analysis of the ways societies organize behavior around those values deemed necessary for survival including family, religion, economy, government, etc. Prerequisite: SO 101 and Upper Division standing. Alternate years.

SO 351 Industrial Sociology (3-0-3) (F/S). The social organization of work is examined in historical and contemporary perspectives. Prerequisite: SO 101, Upper Division standing. Alternate years.

SO 362 Contemporary Correctional Theory and Practice (3-0-3) (F). Historical development, processes, and methods of operating the adult correctional system. Prerequisite: upper division social science. Major insights of and development of treatment strategies in local, state, and federal correctional institutions.

SO 371 Social Psychology of Sex Roles (3 credits). This course will examine sex roles in our own society. Attention will be given to the development of identity and roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy upon our own society. This course may be taken for psychology or sociology credit but not for both. Prerequisite: General Psychology 101 or Introduction to Sociology 101 and upper division status. Spring semester.

SO 401 History of Sociology (3-0-3) (F). Examination of the intellectual and social current from about 1630 to 1900 during which time Sociology was initially recognized as a separate perspective within Social Science. Major insights of sociological writers of this period. Prerequisite: SO 101, Upper Division standing.
SO 402 Contemporary Sociological Theory (3-0-3) (S). Study and discussion of selected 20th century theories. Prerequisite: SO 101, Upper Division standing.

SO 403 Social Change (3-0-3) (F/S). Social factors which generate innovation, influence its acceptance or rejection, and determine its effects on society. Planning, collective behavior, diffusion, conflict, and other efforts to create change. Prerequisite: SO 101, Upper Division standing. Alternate years.


SO 409 Criminology (3-0-3) (F/S). Examinations of the social causes of criminal behavior, relevant research, treatment programs, and the criminal justice systems. The student is challenged to question who has wronged whom — the criminal or the system. Prerequisite: SO 101, Upper Division standing.

SO 411 Social Stratification (3-0-3) (F/S). How people are affected by social inequalities of wealth, prestige and power, in the home, the work place, the school and the community is documented. Analysis and discussion of the arguments for and against equality will be directed towards helping each student determine what is right. Alternate years.

SO 424 Rural Sociology and the Emerging Nations (3-0-3) (S). An examination of rural life, the agrarian society and the phenomena of the emerging nations. Prerequisite: SO 101 and Upper Division status. Alternate years.

SO 440 The Urban Community (3-0-3) (F/S). An examination of the changing growth, demographic, stratification and institutional structure of urban communities, the cause of urbanization and its consequences for individual and group interaction. Prerequisite: SO 101 and Upper Division status. Alternate years.

SO 441 Social Psychology (3-0-3) (F/S). The influence of social and cultural factors on individual behavior, perception and attitudes, including the effects of groups on their members. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite: SO 101 and Upper Division standing.

SO 447 Organizational Theory and Bureaucratic Structure (3-0-3) (F/S). An examination of complex formal organizations, bureaucracy and human interaction; theory, research and findings are covered. May be taken for Sociology or Political Science credit (PO 487), but not for both. Prerequisite: Upper Division standing.

SO 488 Sociology Seminar (2-0-2) (S). Intensive study of selected problems in Sociology. Prerequisite: Senior standing in Sociology major.

THEATRE EMPHASIS:

1. General University Requirements, except:
   A. Theatre Symposium TA 010, required each semester of every Theatre Arts major.
   B. Physical Education Courses (as recommended by Advisor, fencing, dance, gymnastics, etc.) ... 2
   C. Area I ......... 12
      Intro to Theatre and Art or Music .......... 6
      Dramatic Literature .................. 3
      Elective Literature Course ............... 3
   D. Area II ......... 12
      History of Western Civilization .......... 6
      Elective .......................... 6
   E. The Department recommends that Theatre Arts Majors take one year of Foreign Language and LS 101 or 102.

MAJOR SUBJECT REQUIREMENTS

THEATRE:
   Introduction to Theatre TA 107 .................. 3
   Technical Theatre TA 117-118 ................. 8
**SCHOOL OF ARTS & SCIENCES**

- Stage Voice .................................. 3
- Western Civilization .......................... 3
- Laboratory Science ........................... 4
- Social Science Elective ......................... 3
- Acting ...................................... 3
- Electives .................................... 6

**JUNIOR YEAR:**
- Foreign Language ............................. 4
- Dramatic Literature .......................... 3
- Shakespeare .................................. 3
- Speech for Teachers .......................... 3
- Educational Psychology ....................... 3
- Foundations of Education ..................... 3
- Elective ..................................... 3
- World Drama ................................ 3

**SENIOR YEAR:**
- Directing ................................ 3
- Theatre History ............................. 3
- Secondary School Methods ..................... 3
- Education Electives TE 307 & 333 .......... 4
- Student Teaching ........................... 9
- Electives .................................... 6

**ENGLISH MINOR FOR THEATRE ARTS**

- Secondary Education Option: See recommended minor listed in the BSU Catalog log under the English Department heading.

- Liberal Arts Option (beyond E 101,102):
  - Lower Division Literature .................. 9
  - One of the following .......................... 3
    - Expository Composition E 201
    - Creative Writing, Poetry E 205
    - Creative Writing, Fiction E 206
  - Upper Division Electives other than English Department Drama Courses .................. 6

**COURSES APPLYING TO BOTH DISCIPLINES**

- Shakespeare: Tragedies and Histories E 345 .................................. 3
- Shakespeare: Comedies and Romances E 346 .................................. 3

**Total in English Minor for Theatre Arts Major** .......................... 24

**TA THEATRE ARTS**

**LOWER DIVISION**

- TA 010 Theatre Symposium (no credit) (F/S). A forum for the presentation and discussion of appropriate theatre-related topics and activities. Class meets weekly. Required of all full-time Theatre Arts majors each semester, but open to any person. Theatre Arts majors may miss no more than four sessions in one semester.
- TA 107 Introduction to Theatre (3-0-3) (AREA B). A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theatre, dramatic literature and production techniques.
- TA 117-118 Technical Theatre (3-4-4) (F/S). Provides the student with a practical knowledge and skill in the principles of the technical aspects of theatre; the mechanical characteristics of the stage and the elements used in productions, development of drafting skills, problem solving in staging, and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required.
- TA 162 Stage Make-up (3-0-3) (F). Investigation and production analysis of stage makeup; the relationship of actor to play and audience, an integration of make-up and other technical aspects that influence this particular art. Practical application is emphasized.
- TA 212, 412 Movement and Dance For the Performing Artist (3-0-3). For the theatre student and the experienced dancer. The first half of the semester covers improvisation, simple choreography and ballet barre work. The second half covers jazz warm-ups and choreography, culminating in a formal performance. The second half requires much out-of-class work. The class may be repeated once for credit. Maximum credits: 6.
- TA 215-216 Acting (1-3-3). Emphasizes the actor's perception and interpretation of a role. Development of character, understanding of stage character and relationships with audience. The second half requires much out-of-class work. The class may be repeated once for credit. Maximum credits: 6.
- TA 230 Television: History and Aesthetics (3-0-3) (S). An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form.
- TA 311-312 Directing (3-0-3) (F/S). A study and practice of directing from a theoretical point of view. Emphasis is on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credits: 6.
- TA 314 World Drama 1570-1870 (3-0-3) (F). Same as TA 341. Except that the period covered is from 1870 through 1870. Alternate years.
- TA 315 World Drama 1870-1970 (3-0-3) (F). Same as TA 341, except that the period covered is from 1870 through 1870. Alternate years.
- TA 343 World Drama 1870 to 1960 (3-0-3) (S). Same as TA 341, except that the period covered is from 1870 through 1870. Alternate years.
- TA 351 Elements of Scenic Design (3-0-3) (F). Major skills of beginning design included will be art techniques for the theatre, creation of scene, period, and stage design. Three hours of lecture plus four hours of lab per week required.
- TA 352 Costume Design (3-0-3) (S). Major skills of beginning costume design included will be art techniques for theatre, research in major periods of costume design, emotion of major costume designers, works and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate years.
- TA 431 Movement and Dance for the Performing Artist (3-0-3) (F). Investigation and production analysis of stage lighting. Two hours of lecture plus four hours of lab per week required.
- TA 432 Movement and Dance for the Performing Artist (3-0-3) (S). Investigation and production analysis of stage lighting. Two hours of lecture plus four hours of lab per week required.
- TA 433 Stage Lighting Design (3-0-3) (S). A study of the techniques, principles and practices of stage lighting including both aesthetic conception and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. Prerequisite: TA 117-118. Alternate years.
- TA 441-442 Directing (3-0-3). Basic theory and techniques of stage directing. Includes the direction of scenes and one-act plays. Special problems of directing are presented. Prerequisite: Upper Division standing.
- TA 442g-442g Theatre History (3-0-3) (F/S). Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 BC through approximately 1550 AD; the second semester from the Elizabethan period through the end of the 17th century.
- TA 445 Contemporary Drama (3-0-3) (S). A study of world drama since 1980 with an emphasis on current research materials and techniques. Alternate years.
- TA 491 Senior Projects (3-0-3) (S). A culminating work for the theatre major. The student will complete research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formal written, fully documented thesis describing his production and the concept involved. Prerequisite: PERM/CHMN.
SCHOOL OF BUSINESS

Dean: Thomas E. Stitzel, PhD
Associate Dean and Graduate Program Coordinator: J. G. Doss, PhD

School of Business Emeriti: Albertson, Bushby, Edlefson, Johnson, Roe, Tipton, Wilson.

OBJECTIVES

The School of Business at Boise State University is a unique and evolving product of a growing and changing State of Idaho. The School's overall purpose is to provide a professional education that focuses on the development of competencies needed to enhance an individual's capacities for intelligent, informed, and socially responsible decision making in both the private and public sectors of our economy. Teaching is recognized as the major responsibility of the faculty. The nature of the University setting in the State Capitol and population center, which does not offer community college opportunities, establishes special demands on the School to respond to community needs in addition to traditional University education. The School of Business is committed to offering a high quality programs of education which prepare persons for lifelong learning experiences. Specific objectives are to:

1. Prepare graduates for entrance level positions in:
   a. management and functional areas of business,
   b. specialized occupations, such as Accounting, Marketing, and Office Management,
   c. business teaching,
   d. positions requiring a two-year course of study, such as Fashion Merchandising, Mid-Management, and Office Occupations;

2. Prepare graduates for entrance into graduate schools;

3. Offer courses for nonbusiness students to assist them in the assumption of their citizenship responsibilities and understanding of the free enterprise system;

4. Provide graduate courses leading to the MBA and MS Accounting degrees and others as developed to meet community needs;

5. Serve the nonstudent population of Idaho by offering management development programs and faculty expertise through applied research.

It is our belief that these objectives can be accomplished by quality classroom teaching, research, seminars, informal discussions and community service. The people we serve should benefit both personally and professionally through contact with the School of Business, whether it is for a lecture, a semester, or a degree.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional Liberal Arts or Science courses required for those degrees (see page 30 for BA or BS requirements). Faculty advisors should be consulted about these additional requirements.
Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives. CLEP or challenge examinations are available for this purpose. See page 28 for available CLEP tests.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Word Processing and Secretarial program areas are offered in addition to the Baccalaureate degree programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the AS degree. Credits earned in such courses may be later applied toward the Bachelor degree but students should understand that they may be required more than an additional 64 hours of credit to meet all requirements for the Bachelor degree.

Transfer of Credits. In general, the School of Business shall limit transfer of credits for Business courses which apply toward degree requirements to such courses as it offers at that level. In most cases, waiver of Upper Division level course requirements may be granted by departments which establish and administer tests to determine student competency in 100-200 level transfer courses before admission to Upper Division level courses.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.

BACHELOR DEGREE PROGRAMS

NOTE: The student will find under each major the particular course of study to follow. Where the term "General Electives" or "Area I, II, or III" appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements: See page 33 for BBA requirements, and page 32 for BA or BS requirements.

All School of Business Baccalaureate degree candidates are required to complete the following Lower Division courses prior to enrolling in Upper Division courses in the School of Business:

- Math for Business Decision M 105-106, or equivalent
- Introduction to Financial Accounting AC 205
- Introduction to Managerial Accounting AC 206
- Introduction to Data Processing DP 210
- Principles of Economics-Macro EC 201
- Principles of Economics-Micro EC 202
- Business Law GB 202
- Statistical Techniques I GB 207

All University students are cautioned that Upper Division standing is a prerequisite for enrollment in 300 and 400 level courses and that several of the Lower Division courses listed above are specific prerequisites for certain Upper Division courses in the School of Business.

School of Business Baccalaureate degree candidates are required to complete the following Upper Division courses prior to GB 450, Business Policies, which is also a required core course:

- Applied Business Communication OA 328
- Principles of Management MG 301
- Principles of Marketing MK 301
- Principles of Finance FI 303
- Principles of Production Management MG 345

The one exception to this requirement is in the BA in Economics program as described in the Catalog.

DEPARTMENT OF ACCOUNTING AND DATA PROCESSING

Business Bldg., Rm. 214 Phone 208/385-3461
Chairman and Associate Professor: Dr. Gordon Pirrong

Professor: Merz; Associate Professors: Cox, Furuyama, Mac-Millan, Maxson, Medlin; Assistant Professors: Millier; Special Lecturers: Boyll, Ellis, Rolfe, Snodgrass, Stephenson, Wheeler.

ACCOUNTING MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 105-106 or M 111-204</td>
<td>4</td>
</tr>
<tr>
<td>General Electives (Area I,II,III)</td>
<td>3</td>
</tr>
<tr>
<td>16</td>
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</tr>
</tbody>
</table>

SOPHOMORE YEAR:

- Intro to Financial Accounting AC 205
- Principles of Economics EC 201-202
- Intro to Data Processing DP 210
- Statistical Techniques I GB 207
- Business Law GB 202
- General Electives (Areas I,II,III)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>7</td>
<td>4</td>
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<tr>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

- Intermediate Accounting II,III AC 304-306
- Cost Accounting AC 351
- Managerial Accounting AC 352
- Intermediate Microeconomics EC 303
- Applied Bus. Comm. OA 328
- Business Law II GB 302
- Principles of Marketing MK 301
- Principles of Finance FI 303
- Principles of Management MG 301
- Prin. of Prod. Management MG 345

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>15</td>
<td>18</td>
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</tbody>
</table>

SENIOR YEAR:

- Prin. of Income Taxation AC 401
- Advanced Accounting AC 470
- Auditing AC 405
- Upper Division Econ Elective
- Human Resource Management MG 401
- Business Policies GB 450
- General Electives

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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<td>3</td>
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<td>16</td>
</tr>
</tbody>
</table>

In addition to general University requirements, the following courses are required for an Accounting major:

- Core Courses: The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC 205, 207, E 101, 102, EC 201, 202, GB 207, DP 210, plus M106 or M204.

NOTE: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, 482, and DP 420 in their program.

INFORMATION SCIENCES MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 105-106 or M 111-204</td>
<td>4</td>
</tr>
<tr>
<td>General Electives (Area I,II or III)</td>
<td>3</td>
</tr>
<tr>
<td>16</td>
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</tr>
</tbody>
</table>

SOPHOMORE YEAR:

- Intro to Finan. Acct. AC 206
- Intermediate Accounting I AC 207
- Statistical Techniques I GB 207
- Intro to Data Processing DP 210

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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</tbody>
</table>
SCHOOL OF BUSINESS

AC 492 Advanced Income Taxation (3-0-3). Theory and application of the federal income tax to corporations organized for profits, and an introduction to partnership, trust and estate and gift taxation. Prerequisite: AC 306, AC 491.

AC 495 Auditing (3-0-3) (FS). Study of the scope and purpose of the accountant as an independent auditor. Topics include: professional ethics, legal responsibilities; role of the SEC; approach to an audit; and accumulation of the evidence upon which the auditor bases his report. Prerequisite: AC 306.

AC 496 Systems Analysis and Design (3-0-3). Concepts and techniques of the design of information systems. Topics include systems theory, data collection, classification, transmission and display, on-line systems and time sharing. Credit may not be earned for both DP 420 and AC 429. Offered when possible. Prerequisite: AC 265.

AC 497 Advanced Accounting (3-0-3) (FS). Study of partnership organization, liquidation and dissolution, business combinations and consolidated financial statements; segmental reporting; international accounting standards; fiduciary accounting and an introduction to non-profit reporting.

AC 482 CPA Problems (6-0-6) (S). In depth consideration of the more complex accounting principles and procedures taught on the undergraduate level. Designed to assist the student in preparing for the certified public accountant examination. Prerequisite: AC 481, AC 470.

COURSE OFFERINGS

AC ACCOUNTING

LOWER DIVISION

AC 205 Introduction to Financial Accounting (3-0-3). Introduction to contemporary Financial Accounting in the business world. The emphasis is on obtaining an understanding of how financial statements are prepared and used. Includes the basic terminology, a theoretical framework and the double entry accounting system.

AC 266 Introduction to Managerial Accounting (3-0-3). Introduction to contemporary Managerial Accounting for nonaccounting majors. Study of manufacturing-accounting is emphasized. Introduction to the analysis of financial information with tools such as capital budgeting, inventory measurement and control, and the impact of taxes on decision making. Not acceptable for degree credit by Accounting majors. Prerequisite: AC 205.

AC 207 Intermediate Accounting I (3-0-3). Review of basic accounting principles, followed by problems of valuation and presentation of assets, liabilities and proprietorship items. Analytical accounting procedures and preparation of work sheets, financial statements, and development of special reports. Prerequisite: AC 205.

AC 304 Intermediate Accounting II (3-0-3). Continuation of AC 207. Special valuation problems for financial reporting. Measurement of net income and developing comprehensive financial statements of corporations. Prerequisite: AC 207.


AC 305 Tax Factors in Business Decisions (3-0-3). Introduction to the impact of federal income taxes on business operating and financing decisions. Degree credit not allowed for both AC 329 and AC 461. Offered when possible. Prerequisite: AC 205.

AC 307 Cost Accounting (3-0-3) (FS). Theory of cost accounting and cost control, including job order process, direct and standard costs, budgeting and break-even analyses. Emphasis on cost determination as a tool of management and production control. Prerequisite: AC 205.

AC 352 Managerial Accounting (3-0-3) (FS). Development and use of accounting information in management planning, control, and decision processes. Topics include operations and capital budgeting, computer applications, and analytical methods such as gross profit, break-even, and incremental cost analysis. Prerequisite: AC 205.

AC 380 Governmental Accounting (3-0-3). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory, procedures, legal reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Offered when possible. Prerequisite: AC 306.

AC 401 Principles of Income Taxation (3-0-3) (FS). Theory and application of federal income taxes to individuals, including an introduction to F.I.C.A., unemployment taxes, and state income taxes. Degree credit not allowed for both AC 329 and AC 401. Prerequisite: AC 306.

AC 306 Governmental Accounting (3-0-3). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory, procedures, legal reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Offered when possible. Prerequisite: AC 306.

AC 306 Governmental Accounting (3-0-3). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory, procedures, legal reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Offered when possible. Prerequisite: AC 306.

DEPARTMENT OF BUSINESS EDUCATION AND OFFICE ADMINISTRATION

Chairman and Professor: Dr. Susan I. Brender; Professors: Clark, Cornwell, Manship; Associate Professors: Bounds, Williamson; Assistant Professors: Butler, Carlton, Warberg.

Business Bldg., Rm. 213 Phone 208/385-3452
SOPHOMORE YEAR:

Intro Financial Accounting AC 205 .......................... 3
Intro Managerial Accounting AC 206 .......................... 3
Prin. of Economics (Area II) EC 201-202 ...................... 3
Business Law I GB 202 ........................................ 3
Elective (Area I) .................................................. 3

*Int. or Adv. Typewriting OA 107 or 209 ...................... 2
Elective (Area III) .................................................. 1

Foundations of Education TE 201 ............................... 3
Statistical Techniques I GB 207 .................................. 3
Intro Data Processing DP 210 .................................... 3

JUNIOR YEAR:

Principles of Marketing MK 301 .................................. 3
Principles of Management MG 301 .............................. 3
Principles of Finance FI 303 ...................................... 3
Secondary School Methods TE 381 ............................... 3
Principles and Organization of Vocational Education- Job Analysis BE 441 .............................................. 3
Technical Writing for Business OA 338 ......................... 3
Prin. of Prod. Management MG 345 .............................. 3
Electives (from Area II Core) ..................................... 3
Electives (from Area I or III) ...................................... 3
Reading in the Content Subjects TE 307 ........................ 3
Applied Bus. Comm. OA 328 ...................................... 3

SENIOR YEAR:

Methods in Business Education BE 401 .......................... 3
Administrative and Management of Cooperative Programs BE 443 .............................................. 3
Speech Communication for Teachers CM 311 .................... 3
Educational Psychology P 325 .................................... 3
Business Student Teaching BE 471 ................................ 8
Business Curriculum and Methods Seminar BE 421 ............ 3
Methods and Materials in Distributive Education BE 409 ...... 2
Money and Banking EC 301 ....................................... 3
Business Policies GB 450 ......................................... 3

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.

BUSINESS EDUCATION MAJOR

Basic Business Option
Bachelor of Business Administration Degree

FRESHMAN YEAR:

English Composition E 101-102 .................................. 3
Electives (Area I) .................................................... 3
Business Math/Machines OA 115 ................................... 3
General Psychology (Area II) P 101 .............................. 3
Mathematics (Area III) M 105-106 ............................ 4
Salesmanship MM 101 .............................................. 3
Merchandise Analysis MM 102 .................................... 3
Principles of Retailing MM 202 ................................... 3

1ST SEM. 2ND SEM.

Intro to Financial Accounting AC 205 .......................... 3
Intro to Managerial Accounting AC 206 .......................... 3
Prin. of Economics (Area II) EC 201-202 ...................... 3
Business Law I GB 202 ........................................... 3
*Beginning and Int. Shorthand OA 101-102 ..................... 4
Foundations in Education TE 201 ............................... 3
Statistical Techniques I GB 207 .................................. 3
Intro to Data Processing DP 210 .................................. 3

82
**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Principles of Marketing MK 301</td>
<td>3</td>
</tr>
<tr>
<td>Secondary School Methods TE 381</td>
<td>3</td>
</tr>
<tr>
<td>Office Management OA 317</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
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<tr>
<td>Advanced Shorthand OA 201</td>
<td>3</td>
</tr>
<tr>
<td>Administrative Office Procedures OA 310</td>
<td>3</td>
</tr>
<tr>
<td>Technical Writing for Business OA 338</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Area III)</td>
<td>4</td>
</tr>
<tr>
<td>Reading in the Content Subjects</td>
<td>3</td>
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<td><strong>Total Credits</strong></td>
<td>17</td>
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**SENIOR YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.</td>
<td></td>
</tr>
<tr>
<td>Internship/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>18</td>
</tr>
</tbody>
</table>

NOTE: Business Education majors are encouraged to take Internship/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.

**MINOR IN CONSUMER EDUCATION**

A minor is available in Consumer Education. This minor program would be valuable to those planning to teach Consumer Economics or other Consumer Education topics.

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Consumer in the Marketplace HE 250</td>
<td>3</td>
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<tr>
<td>Principles of Economics EC 201-202</td>
<td>6</td>
</tr>
<tr>
<td>Personal Finance and Investments FI 108</td>
<td>3</td>
</tr>
<tr>
<td>Money and Banking EC 301</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Marketing MK 301</td>
<td>3</td>
</tr>
<tr>
<td>Consumer Education in the Schools BE 411</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>21</td>
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</tbody>
</table>

**OFFICE ADMINISTRATION MAJOR**

Bachelor of Business Administration Degree

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>*Intermediate and Advanced Typewriting OA 107 and 209</td>
<td>2</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
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</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
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<tr>
<td>Fund. of Speech Communications CM 111</td>
<td>3</td>
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<td><strong>Total Credits</strong></td>
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**SOPHOMORE YEAR:**

<table>
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<tr>
<th>Course Description</th>
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<tbody>
<tr>
<td>Business Law I GB 202</td>
<td>3</td>
</tr>
<tr>
<td>Intro Financial Accounting AC 205</td>
<td>3</td>
</tr>
<tr>
<td>Intro Managerial Accounting AC 206</td>
<td>3</td>
</tr>
<tr>
<td><strong>Electives (from courses listed below)</strong></td>
<td>3-4</td>
</tr>
<tr>
<td>Word Processing Machine Transcription OA 213</td>
<td>2</td>
</tr>
<tr>
<td>Statistical Techniques I GB 207</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics EC 201-202</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Data Processing DP 210</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>16-17</td>
</tr>
</tbody>
</table>

**JUNIOR YEAR:**

**Electives (from courses listed below)**               | 3-4     |
| Principles of Marketing MK 301                          | 3       |

**SCHOOL OF BUSINESS**

**OFFICE SYSTEMS**

Associate of Science Degree

**WORD PROCESSING PROGRAM**

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Business GB 101</td>
<td>3</td>
</tr>
<tr>
<td>*Beginning Shorthand OA 101</td>
<td>4</td>
</tr>
<tr>
<td>*Beginning Typing OA 105</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td>*Intermediate Shorthand OA 121</td>
<td>4</td>
</tr>
<tr>
<td>Intermediate Typing OA 107</td>
<td>2</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Information Processing OA 211</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>15</td>
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</table>

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund. of Speech Communications CM 111</td>
<td>3</td>
</tr>
<tr>
<td>Intro Financial Accounting AC 205</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Macroeconomics EC 201</td>
<td>3</td>
</tr>
<tr>
<td>Elective (Area II)</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Typing OA 209</td>
<td>2</td>
</tr>
<tr>
<td>Records Preparation and Management OA 309</td>
<td>3</td>
</tr>
<tr>
<td>Editing for Word Processing OA 219</td>
<td>1</td>
</tr>
<tr>
<td>OA Electives</td>
<td>3</td>
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<tr>
<td>Administrative Office Procedures OA 310</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

**JUNIOR YEAR:**

**Electives (from courses listed below)**               | 3-4     |
| Principles of Marketing MK 301                          | 3       |

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.
FRESHMAN YEAR:

- English Composition E 101-102 ............................................. 3 3
- Intro to Business GB 101 ....................................................... 3 3
- Beginning Shorthand OA 105 .................................................. 4 2
- Beginning Typing OA 105 .................................................... 2 2
- Electives (Area II) ................................................................. 3 3
- *Intermediate Shorthand OA 121 ............................................. 4 2
- Intermediate Typewriting OA 107 ........................................... 2 2
- Business Math/Machines OA 115 ........................................... 3 3
- Intro to Information Processing OA 211 .................................. 15 15

[School of Business]

COURSE OFFERINGS

LOWER DIVISION

- OA 101 Beginning Shorthand (5-0-4) (FS). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Prerequisite: demonstrated proficiency in typewriting or current enrollment in typewriting.

- OA 105 Beginning Typewriting (5-0-2) (FS). Theory and keyboard operations on the typewriter with application for personal or business use.

- OA 107 Intermediate Typewriting (3-0-3) (FS). Review of typewriting fundamentals for development of speed and accuracy with application of these skills for use. Prerequisite: OA 105 or advanced placement through proficiency exam.

- OA 115 Business Mathematics/Machines (3-0-3) (FS). Practical course in business mathematics. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, proration and distribution, and standard deviation covered. The student uses the electronic calculator.

- OA 121 Intermediate Shorthand (5-0-4) (FS). Review of shorthand theory with emphasis on dictation and transcription to improve speed and accuracy. Prerequisite: OA 101 or advanced placement through proficiency exam.

- OA 201 Advanced Shorthand (5-0-4) (FS). Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OA 121 or advanced placement through proficiency exam.

- OA 209 Medical Office Orientation (3-0-1) (Alternate years). Study of medical record keeping, forms, medical record filing, legal aspects of medical work, management of the medical office, and ethics and psychology in a medical office.

- OA 237 Procedures Of A Law Office (1-0-1) (S). Overview of office procedures and methods as they relate to the work of a legal secretary. Legal terminology, history of the law, court structure, and the areas of law commonly handled in a legal office are covered.

- OA 255 Advanced Typewriting (3-0-2) (FS). Continued study of typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA 107 or advanced placement through proficiency exam.

- OA 211 Introduction to Information Processing (3-0-3) (FS). Information as a major resource of business. Information processing concepts, equipment, and systems in business. Areas of information considered are: telecommunications, word processing, integrated word/data processing systems, electronic mail, electronic conferencing, reprographics, micrographics, records processing, and office administration. Creation, storage, processing, and distribution of business information.

- OA 213 Word Processing, Machine Transcription (2-0-2) (FS). The development of speed and accuracy in machine transcription is emphasized by using Business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. Prerequisite: OA 209.


- OA 219 Editing For Word Processing (1-0-1) (S). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting and editing. Prerequisite: Grade of C or higher is recommended in E 102 and OA 107.

- OA 221 Secretarial Transcription (5-0-4) (S). Advanced instruction in transcription and dictation. Prerequisite: OA 201.

UPPER DIVISION

- OA 308 Records Preparation and Management (3-0-3) (F). Creation, processing, maintenance, protection and destruction of business records. These topics will be covered from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed.

- OA 318 Administrative Office Procedures (3-0-3) (S). Office procedures at the administrative level. The case study and project approach will be used. Procedures necessary to direct and supervise office activities as well as perform them.

- OA 317 Office Management (3-0-3) (S). Introduction to the area of information management. Functions of office management include areas such as production, environmental analysis, systems analysis and personnel administration.

- OA 328 Applied Business Communication (3-0-3) (FS). The effectiveness and correctness of writing and the psychology of letter writing will be stressed through the preparation of a variety of business messages. Specific memorandum and letter problems will be used in conjunction with various cases to provide students with realistic opportunities to develop writing skills necessary for entry-level performance. Prerequisite: E 102.

- OA 338 Technical Writing for Business (3-0-3) (S). A study and application of the principles and logic of effective writing in the preparation of business reports and technical papers. Specific as well as general instruction in the gathering and interpreting of data, organizing of information, and writing of the final report. The case-study approach will be used. Prerequisite OA 328.
JUNIOR YEAR:
Intermediate Microeconomics EC 303 ............... 3
Intermediate Macroeconomics EC 305 ............... 3
Principles of Management MG 301 ............... 3
Principles of Finance FI 303 ............... 3
Principles of Marketing MK 310 ............... 3
*Non-Business Electives (Area I, II, III) .......... 6
Prin. of Prod. Management MG 345 ............... 3
Economics Electives ............... 6
Applied Business Communications OA 326 .......... 3

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SENIOR YEAR:
Econometrics EC 421-422 .................. 3
Economics Electives ............... 3
Human Resource Management MG 401 ............... 3
Business Policies GB 456 ............... 3
Non-Business Electives (Area I, II, III) .......... 3
Electives .................. 4

17 16

*Must include hours in at least 2 of 3 definitive areas as listed on page 33 of the Catalog.

ECONOMICS—SOCIAL SCIENCE
SECONDARY EDUCATION OPTION

Each academic department in the Social Sciences (History; Political Science; Sociology, Anthropology & Criminal Justice; and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose 2 minor areas from the remaining Social Sciences and complete 15 credits in each. For teaching endorsements as a Secondary School teacher, an additional 5 credits must be earned in one or more of the minor areas (see page 103 of the Catalog).

DEGREE REQUIREMENTS

ECONOMICS MAJOR ENDORSEMENT (30 of 30-15-15)
1. General University and Basic Core Requirements as listed on page 31-33 of the Catalog.
2. Two approved teaching minors (15 hours each) from:
   A. History
   B. Political Science
   C. Anthropology
   D. Sociology
   E. Geography
3. Economics Courses — 30 hours
   Required Courses EC 201, 202, 303, 305 — 12 hours
   Other Economics Courses — 18 hours
4. Accounting AC 205
5. Education courses to meet Idaho State Department of Education Certification Requirements for Teachers in Secondary Education — 25 or 30 hours (See Teacher Education Section, page 104 for course listings).
6. Sufficient electives to complete a total of 128 credit hours of which 40 must be Upper Division.

ECONOMICS MINOR ENDORSEMENT (15 of 30-15-15)
Required Courses EC 201, 202, 303, 305 ............... 12
Upper Division Economics Courses ............... 3

ECONOMICS MINOR ENDORSEMENT (General)
(For Secondary Education majors NOT participating in the 30-15-15 program)
Required Courses EC 201, 202, 303, 305 ............... 12
Upper Division Economics Courses ............... 9

COURSE OFFERINGS

EC ECONOMICS

LOWER DIVISION
EC 201 Principles of Economics-Macro (3-4-3) (Area II) Economic principles are used to analyze the aggregate performance of developed economies. Analysis is applied to domestic and international macroeconomic issues. The goals and problems of high

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SCHOOL OF BUSINESS

employment, price stability, growth and the balance of payments are analyzed. Monetary, fiscal and other national policies are discussed.

EC 202 Principles of Economics-Micro (3-0-3) (AREA II). An introduction to microeconomics covering supply and demand, the basic market structures, the operation of the price system, and the distribution of income. Provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development.

EC 210 Contemporary Economic Problems (3-0-3) (F/S). A semester introduction to economics centered around selected contemporary economic problems. Emphasis is given to help analyze problems and point out alternative solutions. Not allowed as part of the economics major requirements. Not allowed for credit to those students who have taken EC 201 and EC 202. Prerequisite: None.

EC 219 Environmental Economic Problems: Economics and the Quality of Life (3-0-3) (F). Choices must be made between the kind of economic growth society wants and the resulting quality of life. Environmental impacts of growth, including air, water and noise pollution, urban congestion, natural resource depletion and population pressures are examined. Policy prescriptions and economic implications of environmental control are discussed.

UPPER DIVISION

EC 301 Money and Banking (3-0-3). Analysis of the role of money, credit and the financial system in the U.S. economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. Prerequisite: EC 201, EC 202.

EC 303 Intermediate Microeconomics (3-0-3). An analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. Topics include consumer choice and demand, theories of production and cost, and the economic performance of various market structures. The usefulness of price theory in the analysis of social problems and managerial decisions is stressed. Prerequisite: EC 202.

EC 305 Intermediate macroeconomics (3-0-3). Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic policy instruments and decisions on aggregate economic performance goals. Prerequisite: EC 201.

EC 310 Public Finance (3-0-3) (S). A study of the role and impact of government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxation, and the public debt will be examined. The effects of government activity on allocation of resources and distribution of income. Attention will be paid to state and local problems. Prerequisite: EC 201, 202 or PERM/INST.

EC 311 History of Economic Thought (3-0-3) (F). Study of the origin and development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. Prerequisite: EC 201-202.

EC 315 Comparative Economic Systems. (3-0-3) (S). A comparative study of the goals and methods of various economic systems such as capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. Prerequisite: EC 201 or PERM/INST.

EC 317 International Economics (3-0-3) (S). The benefits and pattern of world trade and investment. Tariffs, quotas and the commercial policies of nations. The foreign exchange market and the balance of payments. Consequences of balance of payments disequilibrium for national policy. The analysis of international payments adjustment and the nature and institutions of international monetary systems. Prerequisite: EC 201, 202.

EC 321 Regional Economics (3-0-3) (F). Application of economic analysis to regional problems of structure, growth and policy. Location theory, various growth models, and specific techniques such as Input-output analysis, base multipliers and cost benefit analysis are developed. Prerequisite: EC 201-202.

EC 322 Urban Economics (3-0-3) (S). Focus on the structure of the urban areas, locational patterns, housing, crime, pollution, poverty, financial and transportation problems. Tools of economic analysis will be used to analyze the problems and existing and proposed policies. Prerequisite: EC 201, 202 or PERM/INST.

EC 325 Radical Economics (3-0-3) (F). Analysis of radical political-economic thought and its applications to the study of socio-economic problems. Topics include Marxist socialist economic theory, libertarianism, anarchist theory, evolutionary economic theory, and other radical models. Issues such as imperialism, economic and social inequality and alienation will be considered. Prerequisite: Upper division or PERM/INST.

EC 327 Labor Economics (3-0-3) (F). Characteristics and structure of the U.S. labor force are examined and labor markets are analyzed to emphasize the micro- and macroeconomic factors affecting workplace decisions. Development of the U.S. labor market is reviewed along with public policies and these are contrasted with those of other western industrialized societies. Prerequisite: EC 201, 202.

EC 405 Business Fluctuations and Economic Stabilization (3-1). Application and extensions of techniques such as Input-output analysis, base multipliers and cost benefit analysis are developed. Prerequisite: EC 201-202.

EC 417 (HY 417) U.S. Economic History (3-0-3) (S). Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: EC 201, 202 or PERM/INST. Alternate years.

EC 421G-422G Econometrics (3-0-3). Application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. Prerequisite: M 108 or equivalent and PERM/INST. May be taken for graduate credit. EC 421G - Fall; EC 422G - Spring.

DEPARTMENT OF MANAGEMENT AND FINANCE

Business Bldg., Rm. 308 Phone 208/385-1527
Chairman and Professor: Dr. Roger D. Roderick; Professors: Allen, Phillips, Stitzel, White, Witting; Associate Professors: Doss, Gallup, Gardner, Glen, Greene, Groebner, Kinslinger, Munson, Puckett, Shannon, Waldorf; Assistant Professors: Bixby, Hall, Heist, Kettlewell.

FINANCE MAJOR

Bachelor of Business Administration Degree

FRESHMAN YEAR:

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*Some students may want to take AC 207 (Intermediate Accounting I). Check with your advisor.

**Finance Electives: Intermediate and/or Managerial and Cost Accounting AC 207, 352, 351, 304, 306, 351, 352; International Economics, EC 317; Real Estate Finance, RE 366; Senior Seminar in Finance, Fi 498 - one required, second recommended; Public Finance, EC 310.
### GENERAL BUSINESS MAJOR
Bachelor of Business Administration Degree

#### FRESHMAN YEAR:

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### SCHOOL OF BUSINESS

#### MANAGEMENT MAJOR
Bachelor of Business Administration Degree

#### BEHAVIORAL OPTION

#### FRESHMAN YEAR:

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<th>Course Title</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compensation Management MG 406</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Financial Management FI 325</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Industrial Sociology SG 361</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Organization Theory MG 405</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management MG 401</td>
<td>-</td>
<td>3</td>
</tr>
</tbody>
</table>

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### SCHOOL OF BUSINESS

- Government and Business GB 441: 3
- Business Policies GB 450: 3
- General Electives: 6
  - Total: 15

### MANAGEMENT MAJOR QUANTITATIVE OPTION

**Bachelor of Business Administration Degree**

**1ST SEM.** | **2ND SEM.**
---|---
English Composition E 101-102 | 3
Fund. of Speech Comm. (Area II) CM 111 | 3
Intro to Data Processing DP 210 | 3
Mathematics (Area III) M 105-106 or M 111-204 | 4
General Psychology (Area II) P 101 | 3
Electives (Area I) | 3
Science Elective | 4
General Electives (Area I, II, III) | 3

- Total: 15

**JUNIOR YEAR:**

- Applied Business Communication OA 328: 3
- Principles of Marketing MK 301: 3
- Principles of Management MG 301: 3
- Principles of Finance FI 303: 3
- Intermediate Microeconomics EC 303: 3
- Intermediate Macroeconomics EC 305: 3
- Principles of Transportation GB 325: 3
- General Elective: 3

- Total: 15

**SENIOR YEAR:**

- Airline—Aircargo Management AV 351: 3
- Aviation Law AV 371: 3
- Business Ethics and Social Responsibility GB 360: 3
- Human Resource Management MG 401: 3
- Government and Business GB 441: 3
- Business Policies GB 450: 3
- General Elective: 3

- Total: 15

### MANAGEMENT MAJOR INDUSTRIAL RELATIONS OPTION

**Bachelor of Business Administration Degree**

**1ST SEM.** | **2ND SEM.**
---|---
English Composition E 101-102 | 3
Fund. of Speech Comm. (Area II) CM 111 | 3
General Psychology (Area II) P 101 | 3
Mathematics (Area III) M 105-106 or M 111-204 | 4
General Psychology (Area II) P 101 | 3
Business Law I GB 202 | 3

- Total: 15

**JUNIOR YEAR:**

- Intro Financial and Managerial Accounting AC 205-206: 3
- Principles of Economics EC 201-202: 3
- Statistical Techniques I GB 207: 3
- Statistical Techniques II GB 208: 3
- General Electives (Area I, II, III): 3
- Business Law I GB 202: 3

- Total: 15

**SENIOR YEAR:**

- Quantitative Analysis GB 366: 3
- Organization Theory MG 405: 3
- Operations Decision and Controls MG 405: 3
- Operations Management MG 408: 3
- Business Policies GB 450: 3
- General Electives (Area I, II, III): 3
- General Electives (DP 345 suggested): 3

- Total: 18

### MANAGEMENT MAJOR AVIATION OPTION

**Bachelor of Business Administration Degree**

**1ST SEM.** | **2ND SEM.**
---|---
English Composition E 101-102 | 3
Fund. of Speech Comm. (Area II) CM 111 | 3
General Psychology (Area II) P 101 | 3
Mathematics M 105-106 or M 111-204 | 4
General Psychology (Area II) P 101 | 3
Electives (Area I) | 3
Science Elective | 4
General Elective (Area I, II, III) | 3

- Total: 18

**FRESHMAN YEAR:**

- Economics EC 201-202: 3
- Intro Financial and Managerial Accounting AC 205-206: 3
- Statistical Techniques I GB 207: 3

- Total: 15

**SOPHOMORE YEAR:**

- Principles of Marketing MK 301: 3
- Principles of Management MG 301: 3
- Principles of Finance FI 303: 3
- Intermediate Microeconomics EC 303: 3
- Intermediate Macroeconomics EC 305: 3
- Principles of Transportation GB 325: 3
- General Elective: 3

- Total: 15

**JUNIOR YEAR:**

- Compensation Management MG 406: 3
- Labor Law MG 336: 3
- Personnel Administration MG 305: 3
- Organization Theory MG 405: 3

- Total: 18

**SENIOR YEAR:**

- General Elective (Area I, II, III): 3
- General Elective (Area I, II, III): 3
- General Elective: 3

- Total: 18
REAL ESTATE MAJOR
Bachelor of Business Administration Degree

COURSE OFFERINGS

AV AVIATION MANAGEMENT

LOWER DIVISION

AV 101 Aviation Ground School (3-0-3). Survey of basic aerodynamics, meteorology, navigation and Federal Aviation Agency regulations. At termination, the student will take the FAA Private Pilot examination. An orientation of the historical development of aviation and the development of scientific laws and basic theory of flight.

AV 201 Commercial Pilot Ground School (3-0-0). Study of weather, navigation, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. Prerequisite: Private pilot certificate.

AV 205 Introduction to Aviation Management (3-0-3) (F/S). Designed to provide a foundation for the student of aviation management. Regulatory practices, marketing, flight operation, manpower management and career opportunities in the field are featured.

UPPER DIVISION

AV 331 Airport Management (3-0-3) (F/S). Selection and use of ground facilities connected with the aviation industry. Covers construction and communication facilities, cargo handling, aircraft parking, recycling, fuels and other service, passenger and crew services, operation and maintenance of public facilities. Prerequisite: AC 205.

AV 351 Airline and Air Cargo Management (3-0-3) (F/S). The functions of management in airline operations. Air carrier familiarization, effects of federal regulations, market analysis, and airline organization includes implications of decisions making in the areas of industrial, financial, and economic phases of aviation management.

AV 371 Aviation Law (3-0-3) (F/S). An overview of fundamental aviation law decisions. A chronological coverage of air law, federal and state regulatory functions, liens and security interest in aircraft is emphasized.

AV 450 Colloquium in General Aviation (3-0-3) (S). Selected readings and topics on current problems in general aviation. Contact with representatives working in general aviation is advocated. Included in the course is consideration of general aviation equipment, the use of general aviation aircraft in business. The operation and management of fixed base operations. Prerequisite: Senior aviation major or PERM/INST.

FI 108 Personal Finance (3-0-3) (F/S). Course addresses the growing complexity of financial decision making faced by the individual. How to avoid financial entanglements; installment buying; borrowing money; owning or renting a home; budgeting and money management; savings and investment alternatives; life, health, accident and auto insurance; personal income taxes and estate planning.

FI 211 Principles of Insurance (3-0-3) (F/S). Fundamental legal principles involved in insurance contracts, company practices in relation to insurance and policies. Risk analysis is a field of regulation on both the theoretical and practical applications. All areas of insurance are covered including life, casualty, liability and medical.

FI 250 Introduction to Securities and Securities Markets (3-0-3) (F). Topics include operation of the securities markets in the U.S., sources of investment information, brokerage firms operation; mechanics of direct investing; basic security analysis; commodities and futures markets; put and call options. Prerequisite: AC 205 or PERM/INST.

FI 3320 Financial Management (1-1-3) (S). Critical analysis of different sources of funds, dividend policies, and capital markets. Special topics include refunding debt, social responsibilities of the financial manager, problems of financing the multinational firm and analysis of mergers and acquisitions. Cases and readings are used to complement text. Prerequisite: FI 325.

FI 417 Management of Financial Institutions (3-0-3) (F). Problems faced by managers of financial institutions, developments and recent changes in the field of regulation on both the theoretical and practical applications. The methods of governmental financing and their effects on flows of funds in the economy. New legislation, international institutions. Prerequisite: FI 303, EC 301.

FI 4550 Investment Management (3-0-3) (S). Strategies of investing in stocks, bonds, commodities and stock options. Topics include risk-return relationships of various investments; efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model. Prerequisite: FI 303, GB 208 and FI 250.

FI 488-499 Senior Seminar in Finance (3-0-3). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds on background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance students and a particular expertise of the instructor.

COURSE OFFERINGS

GB GENERAL BUSINESS

LOWER DIVISION

GB 101 Introduction to Business (3-0-3). Designed to acquaint the student with the many phases of business. An introduction to the business organization, accounting, insurance, marketing, banking, transportation and industrial relations. Special emphasis is placed on business vocabulary. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

GB 202 Business Law I (3-0-3). Introduction to the legal system including courts, litigation and lawyers. Designed to emphasize such specific substantive areas of law as contracts, agency, torts, personal property and antitrust aspects of government regulation of business. Freshman excluded.

GB 207 Statistical Techniques lor Decision Making I (3-0-3). Designed to provide an understanding of working knowledge of the use of the concepts and techniques relating to basic descriptive and inferential statistics. Business applications of such statistical concepts as the Poisson and normal distributions, interval estimates, and hypothesis testing are covered. Prerequisite: M 106 or equivalent.

COURSES OFFERED
GB 258 Statistical Techniques for Decision Making II (3-0-3) (FS). Statistical methods beyond GB 207. The course concentrates on using these procedures in a business decision making environment. Topics covered include simple and multiple regression analysis and Bayesian decision theory. Whenever applicable, computer software programs are used to assist in the learning process. Prerequisite: GB 207, DP 210.

UPPER DIVISION

GB 302 Business Law II (3-0-3) (FS). Study of the Uniform Commercial Code with emphasis on sales, bulk transfers, documents of title, commercial paper, and secured transactions. Also, the formation, operation and dissolution of partnerships and corporations, the merger and consolidation of corporations. Prerequisite: GB 202.

GB 325 Principles of Transportation (3-0-3) (FS). Study of the economic and management problems and functions of the transportation industry. Covers the organization and structure of the transportation industry as well as the history, development, operations, pricing and legal controls and obligations of firms engaged in transportation services.

GB 360 Business Ethics and Social Responsibility (3-0-3) (F). An exploration of business conduct and social responsibility in the light of existing ethical, moral, and social values. Designed to enable students to form individual positions on ethical conduct and social responsibility.

GB 366 Quantitative Analysis for Business Decisions (3-0-3) (F). Study of quantitative tools traditionally referred to as operations research techniques. Emphasis is on the illustration of the functional use of the techniques and how they assist the decision maker. Topics typically covered include linear programming and critical path analysis.

Prerequisite: GB 207, MG 301.

GB 441G Government and Business (3-0-3) (S). Intensive study of and student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations are researched and analyzed as well as selected federal and state regulatory agencies. May be taken for graduate credit. Prerequisite: GB 202.

GB 455 Business Policies (3-0-3). To develop analytical, problem solving and decision making skills in situations dealing with complex organizations with the ultimate objective of formulating policies and strategies: both domestic and world-wide. To use and integrate the knowledge and methods acquired in previous courses and to examine all functional areas of the organization. Prerequisite: Senior standing plus MG 201, MK 201, MG 345, FI 303.

MG 301 Principles of Management (3-0-3). The history of management, schools of management thought, and the planning, organizing, directing and controlling functions of management. Emphasis is given to the identification and application of quantitative techniques in management. Prerequisite: M 106.

MG 305 Personnel Administration (3-0-3) (FS). The functions of personal administration—human resources, planning, procurement, development, utilization, and industrial relations. The role of human resources in an effective organization. Prerequisite: MG 201 or PERM/INST.

MG 317 Small Business Management (3-0-3) (FS). Study of the unique and distinct problems of small business and the impact given to the application of management and the application of quantitative techniques in management. Prerequisite: M 106.

MG 330 Labor Law (3-0-3). The general principles of the law and the effective application of these principles. Issues such as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanisms of conflict resolution are discussed.

MG 340 Labor Relations (3-0-3) (FS). History, structure, policies, and operations of labor unions, the functioning of industrial relations activities within organizations, and important concepts and terminology in labor-management relations. Contract administration is emphasized with a focus on the day-to-day relationships. International comparisons are made.

MG 345 Principles of Production Management (3-0-3) (FS). Management of the production system: selection, analysis, design, planning and control of production processes. Plant location, design and layout, scheduling, time and motion study, quality control, material acquisition, and systems theory. Quantitative techniques are considered. Prerequisite: Upper Division standing. GB 207 and MG 301.

MG 401 Human Resource Management (3-0-3). Utilizing concepts and theories from the behavioral sciences, this course covers topics essential to effectively manage human resources. Topics covered include perception, motivation, attitudes, power and leadership. Prerequisite: MG 201.

MG 405 Organizational Theory (3-0-3). Development of organizational theory including the following specific areas: organizational structure, bureaucracies, organizational influence processes, politics, power and conflict, organizational development and organization development activities. Prerequisite: MG 301.

MG 406 Compensation Management (3-0-3) (FS). Implementation, administration, maintenance, and control of a comprehensive compensation program. Job analysis, job evaluation, pricing of jobs, supplemental benefits, incentive plans, and performance appraisals. Legislation affecting compensation and unique compensation programs for public employees and employees of trans-national enterprises. Prerequisite: MG 305 or PERM/INST.

MG 409G Operations Decisions and Controls (3-0-3) (S). Decisions analysis tools such as probability assessment, utility theory, certainty models, uncertainty models, and Bayesian statistical inference. Emphasis will be on presenting the tools in actual business applications. Prerequisite: GB 208, MG 301.

MG 415 Collective Bargaining (3-0-3) (FS). Materials and resources utilized in preparation for negotiations. Bargaining strategies and tactics are examined. Various methods of conflict resolution are explored, with an emphasis on the mediation and arbitration process. Administration of the negotiated agreement is also considered. Special attention is devoted to public sector bargaining. Prerequisite: MG 340, 330 or PERM/INST.

COURSE OFFERINGS

RE REAL ESTATE

RE 331 Appraisal of Real Estate (3-0-3) (FS). Modern real estate appraisal concepts and the technical skills employed in their application to residential property. Prerequisite: RE 220.

RE 340 Real Estate Investment and Taxation (3-0-3) (FS). Real estate from the investor (owner's) point of view with special attention to the tax aspects including Risk and Return Analysis, Property Leverage, Discounted Cash Flow, Tax Consequence of Sales, Exchanging, Multiple Exchanges, and Computerized Investment Analysis. Prerequisite: RE 201, 220 and FI 303.

RE 350 Real Estate Property Management (3-0-3) (FS). This course explores role of property manager including: market analysis, management plans, marketing, leases, landlord-tenant relations, maintenance, energy conservation, and operating reports for commercial, residential industrial and special purpose properties. Prerequisite: RE 201, 220.

RE 360 Real Estate Finance (3-0-3) (FS). Financial analysis and examination of the intricacies of the real estate mortgage market, sources of mortgage funds, federal government and mortgage markets, lending decisions, management of loan portfolios, leasing, construction financing, creating income, and financing of specific types of real property. Prerequisite: RE 201 and FI 303.

RE 370 Real Estate Development (3-0-3) (FS). The traditional development process, including market analysis, feasibility study, land acquisition, zoning, layout and design, design review, financing, construction, occupancy, and sale. In addition, the course concerns itself with the many factors of the planning process and the developer obligation and concerns for problems.

RE 431 Appraisal of Income Properties (3-0-3) (FS). Following a review of the steps leading to the estimation of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Direct capitalization, the residual techniques, and capitalization roles are analyzed. Prerequisite: RE 201, 331.

RE 458 Real Estate Brokerage Management (3-0-3) (FS). Office administration, hiring and personnel management, brokerage sales and promotion, commission structure, ethical behavior and social responsibility, creative financing, professional organizations, and agency relationships. Prerequisite: RE 220.

DEPARTMENT OF MARKETING AND MID-MANAGEMENT

Business Bldg., Rm 306

Chairman and Professor: Dr. Duston R. Scudder; Professor: Knowlton; Associate Professors: Lane, Lincoln, McCain; Assistant Professors: Johnson.

MARKETING MAJOR

Bachelor of Business Administration Degree

FRESHMAN YEAR:

1ST SEM.

2ND SEM.

**English Composition E 101-102**...

3

3

**General Psychology P 101**...

3

3

**Mathematics M 105-106 or M 111-204**...

4

4

**Electives (Area I)**...

3

3

**Electives**...

3

3

**Fund. of Speech Comm. (Area II) CM 111**...

3

3

**Introduction to Sociology SO 101**...

3

3

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16
SOPHOMORE YEAR:

Intro Financial Accounting AC 205........ 3
Intro Managerial Accounting AC 206........ 3
Principles of Economics EC 201-202........ 3
Business Law I GB 202..................... 3
Intro to Data Processing DP 210........... 3
Physical or Biological Science Electives... 4

Elective..................................... 3
Statistical Techniques I, II GB 207, 208... 3

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JUNIOR YEAR:

Principles of Marketing MK 301............. 3
Intermediate Microeconomics EC 303........ 3
Principles of Management MG 301........... 3
Principles of Finance FI 303.............. 3
Economics/Electives (Upper Division)...... 3

Marketing Electives........................ 6

Electives.................................... 3
Intermediate Marketing Mgmt. MK 320...... 3
Prin. of Prod. Management MG 345.......... 3
Applied Business Communications OA 328.. 3

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SENIOR YEAR:

Advanced Marketing Mgmt. MK 425......... 3
Marketing Electives........................ 6
Human Resource Management MG 401........ 3
Business Policies/GB-450.................. 3
Marketing Research-MK 415................ 3

Electives.................................... 8

17 15

MARKETING CORE (12 hours)

Required for all Marketing Majors:
- Principles of Marketing MK 301
- Intermediate Marketing Management MK 320
- Marketing Research MK 415
- Advanced Marketing Management MK 425

MARKETING ELECTIVES (12 hours)

Choose any 4 of the following courses:
- Principles of Salesmanship MM 101
- Promotion Management MK 306
- Consumer Behavior MK 307
- Sales Administration MK 421
- Independent Study MK 496 or Internship MK 493
- International Economics EC 317

Your marketing advisor will help you select the 12 hours of marketing electives and any other open electives you want to take to prepare you for a career in an area such as Sales, Advertising, Retailing, or Marketing Research. A program of marketing electives and open electives can be developed to best suit your individual goals. Consult your marketing advisor.

TWO YEAR Programs* FASHION MERCHANDISING** MID-MANAGEMENT

FRESHMAN YEAR:

English Composition E 101-102............. 3
Intro to Business GB 101.................. 3
Salesmanship MM 101....................... 3
Clothing Construction MM 103............ 3
Business Math/Machines OA 115.......... 3
Clothing and the Individual MM 107...... 3
Textiles MM 109............................. 2
Elements of Management MM 105........... 3
Intro Financial Accounting AC 205....... 3
Mid-Mgmt. Practicum MM 100............. 2

Elective..................................... 1

17 15

SOPHOMORE YEAR:

Consumer Marketing MM 201.............. 3
Fashion Analy. & Design MM 111........... 2
Fund. of Speech Communication CM 111.... 3
Retail Buying MM 215....................... 3
Mid-Mgmt. Practicum MM 100............. 2
Report Writing MM 209..................... 3
Principles of Retailing MM 202............ 3
Principles of Advertising MM 203........ 3
Supervision of Personnel MM 205........ 3
Electives.................................... 5

16 16

*Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

**For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

MARKETING—MID-MANAGEMENT*

FRESHMAN YEAR:

1ST SEM. 2ND SEM.

English Composition E 101-102............. 3
Intro to Business GB 101.................. 3
Business Math/Machines OA 115........... 3
Salesmanship MM 101....................... 3
Intro Financial Accounting AC 205....... 3
Merchandise Analysis MM 102.............. 3
Mid-Mgmt. Practicum MM 100............. 2
Elements of Management MM 105........... 3
Fund of Speech Communication CM 111.... 3

Elective..................................... 1

17 15

SOPHOMORE YEAR:

Consumer Marketing MM 201.............. 3
Principles of Retailing MM 202............ 3
Principles of Economics, Macro EC 201.... 3
Principles of Advertising MM 203........ 3
Report Writing MM 209..................... 3
Supervision of Personnel MM 206........ 3
Retail Buying MM 215....................... 3
Credit and Collections MM 213........... 2
Mid-Mgmt. Practicum MM 100............. 2
Electives.................................... 3

16 16

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

MK MARKETING

UPPER DIVISION

MK 301 Principles of Marketing (3-0-3) (F/S). Marketing consists of identifying and interpreting wants and needs of people, selecting the particular wants and needs the organization will satisfy, determining the product, price, promotion, and place in a proper mix. Prerequisite: Junior standing.

MK 308 Promotion Management (3-0-3) (F/S). A comprehensive approach to creating and implementing advertising and promotional activities. New issues of consumer research are emphasized and integrated with the promotional mix. The economic and social criticisms of advertising are stressed to ensure that managers are aware of the ethical responsibilities inherent in the job. Prerequisite: MK 301.

MK 387 Consumer Behavior (3-0-3) (F/S). Theories of behavior related to purchase of goods or service are major areas of study, individual as well as group reaction in social science research is evaluated. Prerequisite: MK 387.

MK 320 Intermediate Marketing Management (3-0-3) (F/S). Marketing principles and theories integrated with analytical and behavioral decision processes. Emphasis on problem and opportunity recognition, marketing strategies, planning and administering marketing programs. Consumer, industrial, institutional, and international markets considered. Prerequisite: MK 301.

MK 4130s Marketing Research (3-0-3) (F/S). Theory and use of research for marketing decisions. Experience in formal research methodology by planning and conducting an actual research project. Prerequisites: GB 208, MK 301.

MK 421 Sales Administration (3-0-3) (F/S). Management and integration of sales organizations, emphasizing recruiting, selection, training, supervision, compensation of salesmen. Stress also placed on coordination with other functional managers, ethics and social responsibilities of the sales manager. Prerequisite: MK 301.

COURSE OFFERINGS

MM MARKETING, MID-MANAGEMENT

LOWER DIVISION

MM 100 Mid-Management Practicum (2-0-2) (F/S). For students enrolled in the mid-management program. Student may earn 2 semester hours credit for a maximum of four semesters. This provides actual experience in retail, wholesale, or service field as a paid employee. Student is evaluated by both the employer and the program coordinator.

MM 101 Salesmanship (3-0-3) (F/S). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishments, analysis of customer behavior and motivation; methods of creating customer attention, interest, desire and action. Special emphasis is given to ethical sales techniques.

MM 102 Merchandise Analysis (3-0-3) (S). A study dealing with what the product is and what the product does for the customer. Provides methods and practice in obtaining product information used by buyers, sales people, and advertising personnel. Major classes of textiles and nontextiles are surveyed.

MM 103 Clothing Construction (1-6-3) (F/S). Clothing projects involving basic, intermediate and advanced techniques determined by student skills, abilities and interest. Emphasis on speed techniques and solution of individual fitting problems.

MM 105 Elements of Management (3-0-3) (F/S). Principles of management related to the functions of planning, organizing, staffing, directing, and controlling are major topics in the course. Production is not considered. For associate degree students only.

MM 107 Clothing and the Individual (2-0-3) (F/S). Social-psychological aspects of clothing selection. Design principles related to individual figure proportions, personality and need. Wardrobe planning, selection and care.


MM 111 Fashion Analysis and Design (2-0-2) (F). Historical aspects of costume and its effect on today's fashion. Functional role of design, problems related to designing, contributions of designers, and career opportunities in field.

MM 201 Consumer Marketing (3-0-3) (F). (Previously Introduction to Marketing). The study of activities by which goods and services flow from producer to ultimate consumer. Includes methods, policies, and evaluation of the various marketing institutions according to the function performed.

MM 202 Principles of Retailing (3-0-3) (S). Comparison of small and large scale retailers. Problems of store ownership, organization, location, equipment, merchandising, planning and control. Expense and cost reduction and sales promotion are considered. Mid Management and Fashion Merchandising majors only.

MM 203 Principles of Advertising (3-0-3) (S). Objectives and policies of sales promotion, study of the media, and regulation of advertising. Coordination of display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display.

MM 205 Supervision of Personnel (3-0-3) (S). Major emphasis is given to the applied management functions of the first level supervisor. Individual and organizational needs are identified and discussed.

MM 207 Report Writing (3-0-3) (F). Prepares the student to write reports for business situations. Emphasis is placed on actual preparation of reports, research methods, and readability of the finished product. Mid Management and Fashion Merchandising majors only.

MM 213 Credit and Collections (2-0-2) (S). A survey of the credit field including history, types, credit information, and the function of the credit department. Ethical methods and procedures of collection are given significant treatment.

MM 215 Retail Buying (3-0-3) (F). Considers the buyer's duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand. Mid Management and Fashion Merchandising majors only.

A computer terminal signifies the coming of the Communications age.
PART 6

SCHOOL OF EDUCATION

Dean: Richard L. Hart, Ed.D
Coordinator of Graduate Studies:
E. John Dahlberg, Ed.D.

PHILOSOPHY

The faculty of the School of Education represents diverse and
dynamic backgrounds and serves students from an extended
community reaching far beyond the boundaries of Idaho. The
faculty addresses this extended community in varied functions
both on and off campus. The work of the faculty reflects an active
appreciation for development of the whole person and includes at-
tention to the intellectual, physical, social and emotional needs of
students. A key precept underlying all others is the promotion of
learning as a lifelong activity.

Course work is offered in both professional and academic
areas. The academic course work is designed to acquaint
students with historical, philosophical, and theoretical aspects of
Education and Psychology, and to help them appreciate and use
scientific thinking as a tool for viewing human behavior in a more
sophisticated and effective manner. Professional course work and
experiences are directed primarily toward the mastery of skills
needed by teachers in the elementary and secondary schools.

COORDINATION OF PROGRAMS
IN TEACHER EDUCATION

Teacher Education programs at Boise State University are inter-
disciplinary in nature; hence, coordination of programs is essen-
tial. The development and operation of individual programs is the
specific responsibility of the appropriate department with the
School of Education serving as the overall controlling organiza-
tion. Within this pattern of administration the Council for Coor-
dination of Teacher Education Programs has the following func-
tions: (1) to coordinate programs involving two or more depart-
ments; (2) to review proposals, policies, and procedures involving
two or more departments, and to make recommendations for ac-
tion; and (3) to consider procedures for follow-up of graduates and
to assess needs for Teacher Education. Membership for the
Council comes from the departments associated with the Teacher
Education program.

COUNSELING AND TESTING SERVICES

The Counseling and Testing Center is designed to help BSU
students who have personal, educational, vocational and social
problems. Professional counselors work with the student in a set-
ing that allows confidential discussion of the student's concerns.
This service is based on the premise that many normal individuals
have, at times, problems they cannot resolve alone. The student
may concentrate on a specific problem or he may work on his
general adjustment to the academic life. Psychological and oc-
cupational tests may be used for self-evaluation and information.

Any half-time (6 credits or more) or full-time student is eligible
for counseling or testing. Appointments may be made by phone,
extension 1601, or in person at the Counseling and Testing
Center, 6th floor, Education Building.
DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Gymnasium, Room 101 Phone 208/385-1570

Chairman and Professor: Dr. Bill C. Bowman; Professors: Button, Smith; Associate Professor: Lewis; Assistant Professors: P. Bowman, Boyles, Connor, Fahlerson, Murray, Spitzer, Vaughn, Wallace, Young; Instructor: Pfeiffer.

The Department of Health, Physical Education and Recreation offers a major in Physical Education with specialized options in Secondary Physical Education, Elementary Physical Education, Athletic Coaching, and Athletic Training. Students who complete the major program in one of the options are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho. Physical Education minors are offered in Elementary Physical Education, Athletic Coaching, and Health Education.

FACILITIES

The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural and club sports programs offered by the Department and the Recreation programs offered by the Student Union games area.

ELECTIVE PHYSICAL EDUCATION ACTIVITY PROGRAM

The Elective Physical Education program at Boise State University has been designed with the needs of the student in mind. Emphasis is placed on instruction to meet the following objectives:

1. To develop the physiological capacities that comprise the biological bases for fitness.
2. To improve skills in basic body mechanics, team and individual sports, and in rhythmic and creative activities.
3. To develop an understanding of self through movement experiences.
4. To acquire knowledge and understanding of the rules, courtesies, customs, strategies, and techniques of several sports.
5. To improve social competency and emotional stability through participation in sports activities.

The elective program includes beginning, intermediate and advanced level activities. No courses may be repeated for credit (exception, Adaptive Physical Education, PE 108).

EIGHT SEMESTER HOURS OF PHYSICAL ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

ELECTIVE ACTIVITIES ARE:

Dance:
- International Folk Dance*
- Modern Dance*
- Recreational Dance*
- Social Dance

Fitness Activities:
- Adaptive Physical Education
- Fitness Activities
- Jogging
- Weight Training
- Yoga

Individual Sports:
- Archery*
- Badminton*
- Billiards
- Bowling*
- Fencing*
- Golf*
- Gymnastics*
- Racquetball
- Skiing
- Tennis*
- Martial Arts:
  - Defensive Tactics
  - Judo*
  - Karate*
  - Self Defense*

Outdoor Recreational Activities:
- Backpacking and Camping
- Fly Casting and Fly Tying
- Target & Trap Shooting
- Bicycle Touring
- Cross Country Skiing
- Alpine Skiing
- Ice Skating

Team Sports:
- Basketball*
- Field Hockey*
- Flag Football
- Rugby
- Soccer*
- Softball
- Team Handball
- Track and Field
- Volleyball*

Water Activities:
- Kayaking
- Advanced Life Saving
- Skin and Scuba Diving
- Spring Board Diving
- Swimming*
- Water Polo
- Water Safety Instruction

*More than one level of instruction is offered in this activity.

PHYSICAL EDUCATION MAJOR
Bachelor of Science Degree

A student must complete the following requirements to receive a Baccalaureate degree in Secondary Physical Education:

1. The general University requirements for the Bachelor of Science degree as listed in the BSU Catalog (page 31) with specific requirements in Areas I, II and/or III as determined by the Physical Education Department.
2. The general graduation requirements of the School of Education and the certification requirements of the State Department of Education as listed in the BSU Catalog (page 101).
3. The requirements of the Physical Education Department:
   (a) 27 credit core requirement.
   (b) All other required courses listed in the option of the student’s choice.

PHYSICAL EDUCATION CORE REQUIREMENTS
(Required of all Physical Education majors)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Education PE 100</td>
<td>Health Education</td>
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<tr>
<td>Intro to Physical Education PE 101</td>
<td>Intro to Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>First Aid PE 105</td>
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</tr>
<tr>
<td>Basic Movement PE 113</td>
<td>Basic Movement</td>
<td>1</td>
</tr>
<tr>
<td>Gymnastics PE 115</td>
<td>Gymnastics</td>
<td>1</td>
</tr>
<tr>
<td>Field Sports PE 117</td>
<td>Field Sports</td>
<td>1</td>
</tr>
<tr>
<td>Conditioning Procedures for sports PE 313</td>
<td>Conditioning Procedures for sports</td>
<td>1</td>
</tr>
<tr>
<td>Principles of Physical Education PE 202</td>
<td>Principles of Physical Education</td>
<td>2</td>
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<tr>
<td>Anatomical Kinesiology PE 230</td>
<td>Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>Methods for Teaching Physical Education PE 304</td>
<td>Methods for Teaching Physical Education</td>
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</tr>
<tr>
<td>Evaluation in Physical Education PE 309</td>
<td>Evaluation in Physical Education</td>
<td>3</td>
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<tr>
<td>Physiological Kinesiology PE 310</td>
<td>Physiological Kinesiology</td>
<td>2</td>
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<tr>
<td>Psychology of Activity PE 401</td>
<td>Psychology of Activity</td>
<td>3</td>
</tr>
<tr>
<td>Organization and Administration of Physical Education PE 457</td>
<td>Organization and Administration of Physical Education</td>
<td>3</td>
</tr>
</tbody>
</table>

27
ATHLETIC TRAINER OPTION
GRADUATION REQUIREMENTS
(Satisfies Educational Requirements for NATA Certification)

GENERAL UNIVERSITY REQUIREMENTS
English Composition E 101-102 ........................................... 3-6
Electives (Area I) ................................................................. 12
General Psychology (Area II) P 101 ......................................... 3
Speech Communication for Teachers CM 311 ......................... 3
Electives (Area II) ................................................................. 9
Essentials of Chemistry (Area III) C 107, 108, 109, 110 ........... 9
Human Anatomy & Physiology (Area III) Z 111-112 ............... 8
Electives (Area II, III) ............................................................ 4

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core .......................................................... 27
Nutrition H 207 ........................................................................ 3
Additional Physical Education Courses
Required: PE 236, 305, 311, 402, 451
PE 493 (6 cr), Coaching Methods (4 cr) .................................. 24

TEACHER EDUCATION REQUIREMENTS*
P 312 ....................................................................................... 3
Additional Electives .................................................................. 6

SECONDARY PHYSICAL EDUCATION OPTION
GRADUATION REQUIREMENTS

GENERAL UNIVERSITY REQUIREMENTS
English Composition E 101-102 .............................................. 3-6
Electives (Area I) ................................................................. 12
General Psychology (Area II) P 101 ........................................ 3
Speech Communication For Teachers CM 311 ....................... 3
Electives (Area II) ................................................................. 9
Essentials of Chemistry (Area III) C 107, 108, 109, 110 .......... 9
Human Anatomy & Physiology (Area III) Z 111-112 ............. 8
Electives (Area II, III) ............................................................ 4

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core .......................................................... 27
Nutrition H 207 ........................................................................ 3
Additional Physical Education Courses
Required: PE 143, 212, 214, 217, 228, 241, 311
PE 361, 451, Coaching Methods (2 cr) .................................. 16

TEACHER EDUCATION REQUIREMENTS*
P 312 ....................................................................................... 3
Additional Electives ................................................................ 11

ATHLETIC COACHING OPTION
GRADUATION REQUIREMENTS

GENERAL UNIVERSITY REQUIREMENTS
English Composition E 101-102 .............................................. 3-6
Electives (Area I) ................................................................. 12
General Psychology (Area II) P 101 ........................................ 3
Speech Communication for Teachers CM 311 ....................... 3
Electives (Area II) ................................................................. 9
Essentials of Chemistry (Area III) C 107, 108 ....................... 4
Human Anatomy & Physiology (Area III) Z 107 ................. 4
Electives Areas III ................................................................. 4
Electives (Area II, III) ............................................................ 9

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core .......................................................... 26
Nutrition H 207 ........................................................................ 3
Additional Physical Education Courses
Required: PE 143, 212, 217, 228, 311, 430
PE 493 Coaching Methods (4 cr) ........................................ 15

TEACHER EDUCATION REQUIREMENTS*
P 312 ....................................................................................... 3

SECOND TEACHING FIELD
Department Certification Requirements
in Minor Field to be satisfied .............................................. 20

ATHLETIC COACHING MINOR

GENERAL UNIVERSITY REQUIREMENTS
English Composition E 101-102 .............................................. 3-6
Area I ...................................................................................... 12
Music Fundamentals MJ 101 .................................................. 2
General Psychology (Area II) P 101 ........................................ 3
Child Psychology P 311 ........................................................ 3
Speech Communication for Teachers CM 311 ..................... 3
Electives (Area II) ................................................................. 9
Essentials of Chemistry (Area III) C 107, 108 ....................... 4
Human Anatomy & Physiology Z 107 .................................... 4
Electives Area III .................................................................... 9
Electives (Area II, III) ............................................................ 9

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core .......................................................... 27
Nutrition H 207 ........................................................................ 3
Additional Physical Education Courses
Required: PE 143, 212, 357, 361, 369, 451
PE 493 (3 credits) ................................................................. 14
PE Electives ............................................................................. 4

TEACHERS EDUCATION REQUIREMENTS*
TE 291, 461, P 312 ................................................................. 13
Additional Electives ................................................................. 128

* Refer to page 104 for complete information

ELEMENTARY PHYSICAL EDUCATION MINOR
First Aid PE 105 ....................................................................... 2
Gymnastics PE 115 ................................................................. 1
Field Sports PE 117 ................................................................ 1
Basketball & Volleyball PE 143 ............................................. 1
Track and Field PE 212 ......................................................... 1
*Anatomical Kinesiology PE 230 ........................................... 2
*Physiological Kinesiology PE 310 ......................................... 2
Dance for Children PE 357 ................................................... 2
Elementary School Physical Education Methods PE 361 ....... 3
Perceptual Motor Programs for Kindergarten & Special Education Teachers PE 369 .... 2
Adaptive & Corrective Physical Education PE 357 .......... 2
Internship PE 493 ................................................................. 3

ATHLETIC COACHING MINOR
First Aid PE 105 ....................................................................... 2
Basic Movement PE 113 ....................................................... 1
Conditioning Procedures for sports PE 313 ......................... 1
Intro to Athletic Injuries PE 228 ............................................ 2
*Anatomical Kinesiology PE 230 ........................................... 2
*Physiological Kinesiology PE 310 ......................................... 2
Psychology of Activity PE 401 .............................................. 3
Coaching - Nature of the Profession PE 430 ....................... 2
Coaching Methods ............................................................... 4
Internship PE 493 ................................................................. 3

HEALTH EDUCATION MINOR
Health Education PE 100 ...................................................... 3
First Aid PE 105 ...................................................................... 3
Conditioning Procedures ..................................................... 1
Intro to Athletic Injuries PE 228 ............................................ 2
Nutrition H 207 ...................................................................... 3
Adolescent Psychology P 312 .............................................. 3
Personal & Public Health Problems PE 305 ....................... 3
Electives ................................................................................. 6

Electives will be chosen from the following courses:
Drugs — Use and Abuse H 109 ................................................ 2
Man and the Environment B 200 C 107, 108 ...................... 3
Intro to Disease Conditions H 203 ..................................... 2
Chronic Illness: Impact & Outcome H 205 ......................... 3

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SCHOOL OF EDUCATION

Abnormal Psychology P 301 .......................................................... 3
Health Delivery Systems H 302 .................................................. 3

* Prerequisite: Z 107 Concepts of Human Anatomy

ELEMENTARY PHYSICAL EDUCATION AND COACHING OPTION
(Suggested Program)

FRESHMAN YEAR:

1ST SEM. 2ND SEM.
English Composition E 101-102 .................................................. 3 3
General Psychology P 101 ............................................................ 3 3
Chemistry C 103, 107, 108 ........................................................... 5 5
Human Anatomy & Physiology Z 107 ........................................... 4 4
Intro to Physical Education PE 101 ............................................. 1 2
Health Education PE 100 ............................................................ 3 2
First Aid PE 105 ........................................................................ 2 2
Professional Activities PE 113, 115, 117, 143 ......................... 3 3
Electives ................................................................. 3 3
Other Electives .................................................................. 3 3

16-17 17

SOPHOMORE YEAR:

Electives (Area I) ....................................................................... 3 3
Electives (Area II) ................................................................. 3 3
Anatomical Kinesiology PE 230 ............................................... 2 2
Intro to Athletic Injuries PE 228 ............................................. 2 2
Principles of Physical Education PE 202 ......................... 3 3
Foundations of Education TE 201 ....................................... 1 1
Professional Activities PE 217, 212 ......................................... 3 3
Teaching Minor ...................................................................... 14 15

SECONDARY PHYSICAL EDUCATION AND ATHLETIC TRAINING OPTION
(Suggested Program)

FRESHMAN YEAR:

1ST SEM. 2ND SEM.
English Composition E 101-102 .................................................. 3 3
Chemistry C 103, 107, 108, 109, 110 ........................................... 4 4
Human Anatomy Z 111, 112 ..................................................... 4 4
Intro to Physical Education PE 101 ............................................. 1 2
Health Education PE 100 ............................................................ 3 2
Professional Activities PE 113, 115, 117, 143 ......................... 2 3

15 16

SOPHOMORE YEAR:

Electives (Area I) ....................................................................... 3 3
General Psychology P 101 ............................................................ 3 3
Anatomical Kinesiology PE 230 ............................................... 2 2
Intro to Athletic Injuries PE 228 ............................................. 2 2
Principles of Physical Education PE 202 ......................... 3 3
Foundations of Education TE 201 ....................................... 1 1
Professional Activities PE 217, 218 or 212 .................................. 3 6
Electives .................................................................................. 14 15

COURSE OFFERINGS

PE PHYSICAL EDUCATION

LOWER DIVISION

PE 100 Health Education (3-0-3). Covers nutrition, diseases, health needs, services, drugs, family living and personality structure and development. Aids student adjustment toward effective functioning in a changing environment. Required of all PE majors.

PE 101 Introduction to Physical Education (1-0-1) (F). Orientation for an understanding of what is involved in the profession; duties of physical educators; professional preparation, services rendered, employment opportunities and certification requirements. Required of all PE majors.

PE 102 Beginning Kayaking (0-2-1). Covers safe handling, self rescue skills and helping or rescuing others. Basic skills of kayaking. Students must be able to maintain themselves in deep water, fully clothed, for 10 minutes.

PE 103 Introduction to Recreation (2-0-2) (S). Designed to acquaint the student with the growth and development of community recreation and its role in present day society.

PE 104 Target and Trap Shooting (0-2-1). Fundamental skills of air rifle and shotgun shooting. Sightseeing procedures, gun parts, care of equipment and safety are stressed. Shotgun trap loading is also taught. Students will furnish shotgun, shells and trap range fees.

PE 105 First Aid (2-0-2). Immediate and temporary care for a wide variety of injuries and illnesses; control of bleeding, care of poisoning, and proper methods of transportation, splinting and bandaging. Successful completion of course leads to Red Cross standard certificate. Required of all PE majors.

PE 106 Adaptive Physical Education (0-2-1). Adaptive and corrective exercise programs to aid men or women who are unable to participate in a regular activity class. Course may correct or rehabilitate the physical problem and provide credit the student may not get in the regular program. The course may be repeated for credit.

PE 109 Beginning Jogging (0-2-1). Instruction and individual participation in beginning endurance running. The student will be instructed and placed into a level suitable to his/her capabilities as to age and condition. Designed to develop and maintain the cardio-respiratory system.

PE 110 Team Handball (0-2-1). Participation in the sport of team handball. Emphasis is placed on the natural skills of running, jumping, throwing and catching. Basic offensive and defensive strategy and rules of the game will be taught.

PE 112 Beginning Billiards (0-2-1). For the beginning pocket billiards player. Instruction in basic fundamentals; cue selection, grip, stroke, bridge rules, position play and strategy. Class fee approximately $10.

PE 113 Dance (0-2-1). Professional activities. Instruction and practice in dance. Required of all PE majors.

PE 115 Gymnastics (0-2-1). Professional activities. Instruction and practice in gymnastics. Required in some options.

PE 117 Field Sports (0-2-1). Professional activities. Instruction and practice in field sports. Required in some options.

PE 118 Personal Fitness and Weight Control (0-2-1) (F/S). Introduction to the essential components of total fitness with prescribed fitness programs for individual needs.

PE 119 Beginning Aerobic Dance (0-2-1) (F/S). Participation in aerobic dance for the development of cardiovascular and neuromuscular fitness.

PE 124 Beginning Racquetball (0-2-1). Participation will emphasize basic techniques and as of racquetball on playing procedures.

PE 125 Bicycle Touring (0-2-1). Proper techniques of bicycle touring. Bicycle anatomy, safety, care and maintenance, and riding techniques for fitness and skill are taught. Students must furnish bicycle.

PE 126 Beginning Ice Skating (0-2-1) (F/S). Participation in ice skating for development of basic skills. Lab fee.

PE 127 Beginning weight Training (0-2-1) (F/S). Men. Participation in progressive bodybuilding and conditioning exercises with resistance for development of beginning skills and fitness.

PE 131 Beginning Springboard Diving (0-2-1). For the beginning diver. Basic dive movement, forward and backward, safety and ability to swim 50 yards.

PE 132 Skin and Scuba Diving (0-2-1). Beginning skin and scuba diving skills. Proper use of mask, fins and snorkel, mechanical use of equipment, safety techniques and panic control are stressed. Student must swim 400 yards crawl stroke in 12 minutes, tread water for 10 minutes and carry a 10 lb. weight 25 yards. Fee approximately $35.

PE 133 Beginning Modern Dance (0-2-1). Opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Improvement of flexibility, balance, coordination and relaxation by using modern dance techniques and movement exploration.

PE 134 Beginning Backpacking and Camping (0-2-1). Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, camping sites, basic outdoor cooking skills, and ecology in the outdoors. Students will furnish equipment and transportation.

PE 135 Beginning Karate (0-2-1). Presentation of techniques based on the theory of energy conservation. Exercises coordinating the mental and physical powers possessed by every human being. Students will furnish Gi.

PE 136 Flycasting and Stream Strategy (0-2-1). Techniques of flycasting, including single and double haul methods. Presentation of insect, minnow, and terrestrial imitations. Techniques of catching and releasing of warm water, cold water, and anadromous fishes. Students provide equipment and transportation.

PE 137 Beginning Resistance Exercise for Women (0-2-1) (F). Participation in resistance exercises for the development of individual fitness.

PE 143 Basketball and Volleyball (3-2-1). Professional activities. Instruction and practice in basketball and volleyball. Required in some options.

PE 152 Beginning Swimming (0-2-1). Basic water safety, skills and knowledge; floating, bobbing, diving rhythmic breathing, treading water, and introduction to crawling. Designed for students who do not know how to swim.

PE 154 Beginning Yoga (0-2-1). Gentle yoga exercises of stretching and controlled breathing to promote good health and relief from tension. Emphasis on flexibility, balance, relaxation, meditation, and integration of body and mind.

PE 161 Beginning Badminton (0-2-1). Basic skills in badminton to encourage skill development, understanding and appreciation of the game.

PE 164 Beginning Volleyball (COED) (0-2-1). Participation in volleyball for development of fundamental skills, rules, and basic team strategy.

PE 165 Beginning Basketball (0-2-1). Women only. Participation in basketball for development of fundamental skills, rules, and basic team strategy.

PE 166, 167 Varsity Participation (0-2-1). Varsity/Club athletes only. Students may earn a maximum of 2 credits for participation on varsity or club teams.

PE 168 Beginning Basketball (0-2-1). Men only. Participation in basketball for development of fundamental skills, rules, and basic team strategy.

PE 169 Beginning Tennis (0-2-1). Participation in tennis for development of fundamental skills, rules, and basic strategy.
Beginning Softball (0-2-1). Participation in Softball for development of fundamental skills, rules, and basic team strategy.

Beginning Soccer (0-2-1). Men only. Participation in soccer for development of fundamental skills, rules, and basic team strategy.

Beginning Judo (0-2-1). Principles and philosophy of judo and techniques of falling, throwing, and grappling. Students furnish Gi.

Beginning Self-Defense (0-2-1). Defensive tactics of Aikido, Judo and Karate. Coordination of mind and body and non-aggressive application of laws of gravity and force. Improvement of coordination and condition of the participant. Students furnish Gi.

Rugby (0-2-1). Men only. Participation in rugby for development of fundamental skills, rules, and basic team strategy.

Beginning Archery (0-2-1). Provides the beginning archery student with fundamental techniques of archery: large bow, field clout, novelty, etc.

Beginning Golf (0-2-1). Participation in golf for development of fundamental skills, rules and proper etiquette of the game. Green fees approximately $10.

Beginning Handball (0-2-1). Participation in handball for development of fundamental skills, rules, and basic strategy.

Recreational Dance (0-2-1). Fundamentals of dance including: social (jitterbug, disco, polka, waltz, cha-cha and others) folk, square, round dances and mixers.

Social Dancing (0-2-1). Basic techniques of social dance, including waltz, cha-cha, foxtrot, rumba, tango, lindy, and various novelty dances.

International Folk Dancing (0-2-1). Techniques and application of basic steps and patterns used in folk dances from different countries.

Beginning Bowling (0-2-1). Participation in bowling for development of fundamental skills, rules, handi-caps and scorekeeping. Approximate $10 fee.

Advanced Skills (0-2-1). Advanced skills and techniques of alpine skiing. Students furnish equipment, transportation, and fee for instruction.

Defensive Tactics (0-2-1). Defense against one or more persons, arrest, control devices and individual and group tactics. Students furnish Gi. For criminology majors only.

Flag Football (0-2-1). Men only. Participation in flag football for development of fundamental skills, rules and basic team strategy.

Cross Country Skiing (0-2-1). Basic skills and techniques of cross-country skiing. Students furnish equipment, transportation, and instruction fee.

Principles of Physical Education (2-0-2). Philosophy of physical education, role in general education, changing concepts and history and principles of physical education. Sophomore standing. Prerequisite: PE 101.

Advanced Weight Training for Competitive Athletes (0-2-1) (F/S). Varsity athletes only. Participation in weight training programs specific to be selected sports.

Beginning Basketball (0-2-1). Participation in bowling for development of intermediate skills. Prerequisite: PE 100.

Beginning Gymnastics (0-2-1). Men only. Participation in gymnastics for development of fundamental skills and spotting and safety techniques.

Advanced Self-defense (0-2-1). Advanced defensive tactics of Aikido, Judo and Karate. Coordination of mind and body and non-aggressive application of laws of gravity and force. Students furnish Gi. Prerequisite: PE 175.

Advanced Judo (0-2-1). Continuation of principles and philosophy of judo for seeking advanced degrees. Students furnish Gi. Prerequisite: PE 174.

Track and Field (0-2-1). Professional activities. Participation in track and field for development of basic skills and techniques. Required in some options.

Wrestling (0-2-1). Professional activities. Participation in wrestling for development of basic skills and techniques. Required in some options.

Rhythmic Gymnastics (0-2-1). Professional activities. Participation in rhythmic gymnastics for development of basic skills and techniques. Required in some options.

Intermediate Springboard Diving (0-2-1) (S). Intermediate dive movements, proper alignment and diving safety Must be able to swim 50 yards. Prerequisite: PE 131.

Intermediate Racketball (0-2-1). Participation in racquet ball for development of intermediate skills. Prerequisite: PE 124.

Golf (0-2-1). Professional activities. Participation in golf for development of basic skills and techniques. Required in some options.

Intermediate Ice Skating (0-2-1) (F/S). Participation in ice skating for development of intermediate skills. Lab fee. Prerequisite: PE 126.

Intermediate Weight Training (0-2-1) (F/S). Men. Participation in progressive body-building and conditioning exercises with resistance for development of intermediate skills. Prerequisite: PE 127.

Anatomical Kinesiology (2-0-2). Structure and motion capabilities of the human musculoskeletal system, analysis of movement, muscular forces and surface anatomy. Sophomore standing. Prerequisite: C 120 or Z 112.

Advanced Modern Dance (0-2-1). Participation in advanced modern dance for development of flexibility, balance, coordination and movement control leading to dance choreography and production work. Prerequisite: PE 133.

Advanced Karate (0-2-1). Participation in advanced karate for development of advanced skills and techniques. Students furnish Gi. Prerequisite: PE 135.

Introduction to Athletic Injuries (2-0-2) (F/S). Introduction to athletic training, care, prevention and rehabilitation. The role of the athletic trainer, qualification and responsibilities as they relate to physical education and athletics; control and care of injuries. Prerequisite: PE 130.

Intermediate Resistance Exercise for Women (0-2-1) (F/S). Participation in resistance exercises for the development of individual fitness. Prerequisite: PE 137.

Tennis and Badminton (0-2-1). Professional activities. Participation in tennis and badminton for development of basic skills and techniques. Required in some options.

Beginning Gymnastics (0-2-1). Women only. Basic skills for women on the trampoline, uneven parallel bars, balance beam, vaulting horse and in tumbling.

Intermediate Badminton (0-2-1). Participation in badminton for development of intermediate skills and techniques. Prerequisite: PE 161.

Intermediate Volleyball (COED) (0-2-1). Participation in volleyball for development of intermediate skills and techniques. Prerequisite: PE 164.

Intermediate Basketball (0-2-1) (S). Men only. Participation in basketball for development of intermediate skills and techniques. Prerequisite: PE 165, 168.

Intermediate Tennis (0-2-1). Participation in tennis for development of intermediate skills and techniques. Students furnish rackets. Prerequisite: PE 169.

Intermediate Gymnastics (0-2-1) (COED). Participation in gymnastics for development of intermediate skills and techniques, performing combinations, compulsory and optional routines. Prerequisite: PE 208 or PE 253.

Advanced Soccer (0-2-1). Men only. Participation in soccer for development of advanced skills, strategy and team play. Prerequisite: PE 173.

Advanced Weight Training (0-2-1) (F/S). Men. Participation in progressive body-building and conditioning exercises with resistance for development of advanced skills and fitness. Prerequisite: PE 227.

Advanced Folk Dance (0-2-1). Participation in folk dance for development of advanced skills.

Advanced Swimming (0-2-1). Participation in swimming for development of intermediate skills and techniques. Instruction in self rescue skills, games, diving and contests. Student must be able to swim 50 yards. Prerequisite: PE 152.

Advanced Lifesaving (0-2-1). Participation in lifesaving skills. ARC course, including personal safety, self rescue and rescue training skills. Student must be able to swim 500 yards.

Water Safety Instructor's Course (0-2-2). Review of courses the student is eligible to teach. Teaching methods and practice teaching. Leads to ARC WSI certificate. Must have ARC advanced lifesaving certificate and ARC swimmer level of skill.


Beginning Fencing (0-2-1). Participation in fencing for development of basic skills and techniques.

Intermediate Fencing (0-2-1). Participation in fencing for development of intermediate skills and techniques. Introduction to competitive fencing including judging and scoring skills. Prerequisite: PE 286.

Advanced Bowling (0-2-1). Participation in bowling for development of advanced skills and techniques. Fee approximately $10. Prerequisite: PE 190.

Intramurals Organization (2-0-2). Organizing, administering and officiating of intramural programs. Junior standing.

Methods for Teaching Physical Education (2-0-2). Purposes and requirements of physical education programs; program planning, methods, and materials of instruction. Professional activities. 4 hours. Required of all PE majors.


Evaluation in Physical Education (3-0-3). Basic mathematical concepts related to statistical analysis, philosophy of evaluation, construction, administration, and interpretation of tests. Junior standing. Required of all PE Majors. Prerequisite: PE 304.

Physiological Kinesiology (2-0-2). Effects of exercise and training on body systems and preparation of conditioning programs for specific activities. Junior standing. Prerequisite: PE 239.

Biomechanical Kinesiology (2-0-2). Application of principles of mechanics and laws of physics in analyzing human movement and in teaching fundamental techniques of sports activities. Junior standing. Prerequisite: PE 239.

Conditioning Procedures for sports (0-2-1) (F/S). Professional activities. Instruction and practice in all forms of conditioning procedures. (Required of all PE Majors) Prerequisite: PE 310.


Techniques of Coaching Basketball (2-0-2). Methods of coaching offense and defense, styles of play and basketball strategy. Junior standing. Prerequisite: PE 143.


Techniques of Coaching Track and Field (2-0-2). Theory and methods of coaching events in track and field and meet planning and organization. Junior standing. Prerequisite: PE 212.
SCHOOL OF EDUCATION


PE 369 Perceptual Motor Programs for Kindergarten and Special Education Teachers (2-0-2). Provides a skill background related to motor growth and development, identification, assessment, prescription, materials and instructional techniques for implementing individualized programs based on student needs. Prerequisite: PE 381.


PE 402 Athletic Training and Sports Medicine (3-0-3). Advanced theory and techniques of athletic training for professional athletic trainers. Prerequisite: PE 220, 310.

PE 430 Coaching — Nature of the Profession (2-0-2) (F/S). Nature of the coaching profession with emphasis on the functions of the coach in the interscholastic athletic program. Prerequisite: PE 304.


PE 457 Organization and administration of Physical Education (3-0-3). Organization and administration of public school physical education, health education and sports programs. Prerequisite: PE 304.

PE 471 Techniques of Coaching Volleyball (2-0-2). Preparation in team organization, scheduling and facilitating, coaching methods, drills and practice sessions and advanced team strategy. Prerequisite: PE 14.

PE 239, 433 Internship in Physical Education (9-6-1 to 6). Practicum field experience in physical education related areas. Practical experience utilizing theory and practice of the assigned activity in a school setting. Required in some options. Coaching methods class (PE 230, 310).

PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science Degree

I. Lower Division

A. Psychology (see Area II below)

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition E 101-102*</td>
<td>3</td>
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<tr>
<td>Area I*</td>
<td>3</td>
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<tr>
<td>Concepts of Biology, B-100*</td>
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<tr>
<td>Concepts of Human Anat. &amp; Physiol., Z-107*</td>
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II. Upper Division

A. Psychology

<table>
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<tr>
<th>Course Description</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Statistical Methods P-305</td>
<td>3</td>
</tr>
<tr>
<td>Experimental Psychology P-321</td>
<td>3</td>
</tr>
<tr>
<td>Psychological Measurement P-421</td>
<td>3</td>
</tr>
<tr>
<td>Learning P-441</td>
<td>3</td>
</tr>
<tr>
<td>Systems Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Electives in Psychology</td>
<td>9</td>
</tr>
</tbody>
</table>

B. Upper Division Electives | 15 |

III. Free Electives | 27-30 |

Total 15

Certification Requirement

6 hours of U.S. History | 6 |

Total 21

Psychology—Minor Certification Endorsement

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-101 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-301 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-351 Personality</td>
<td>3</td>
</tr>
</tbody>
</table>

Psychology upper division electives | 8 |

Total 21

PSYCHOLOGY MINORS

Psychology Social Science Curriculum Minor

(A phase of the Social Science Secondary Education Options in Economics, History, Political Science, and Sociology)

Psychology requirements:

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-101 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-301 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-351 Personality</td>
<td>3</td>
</tr>
</tbody>
</table>

Psychology upper division electives | 6 |

Total 15

Certification Requirement

6 hours of U.S. History | 6 |

Total 21

Any student who is planning a career of counseling in the schools should major either in Elementary Education or in some subject matter area that includes a Secondary Education Option. Psychology courses often are explicitly prescribed parts of such programs; additional courses may be taken as electives.

Every Psychology major must sit for the graduate record examination (Both "Aptitude" and "Advanced") at some time during his senior year and have the results sent to the department.
In the treatment of such topics as perception, learning, language, intelligence, personality, and physiology, sexual response cycle, childbirth, contraception, sexual dysfunction, physiological and psychological aspects of sexuality. Topics include sexual anatomy and physiology, sexual response cycle, childbirth, contraception, sexual dysfunction, and the effects of groups on their behavior, perception; and attitudes—including the effects of social factors, to normal growth patterns, and to problem areas. Prerequisite: P 101.

P 226 Psychological Physiology (3-0-3) (F). A survey of classical and current problems. Of the special conditions of adolescent growth and adjustment will be emphasized in the course. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Prerequisite: P 101.

P 211 Abnormal Psychology (3-0-3). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Prerequisite: P 101, M 108, M 120.

P 311 Child Psychology (3-0-3). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Prerequisite: P 101.

P 312 Adolescent Psychology (3-0-3). Chronologically a continuation of child psychology P 311; the special conditions of adolescent growth and adjustment will be emphasized in the course. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Prerequisite: P 101.

P 212 Experimental Psychology (2-4-1) (F). The application of scientific methodology to the study of behavior. Design of experiments, methods of analysis and interpretation of data, reporting of behavioral research. Prerequisite: P 305 and M 108, M 120.

P 323 Educational Psychology (3-0-3). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: P 101.

P 201 Intro to Practice in Psychology (3-0-3) (S). An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lecture and discussion, with psychologists who are employed in a wide variety of specific occupations. Designed for psychology majors but others accepted if they have completed the introductory course. Prerequisite: P 101.

P 101 General Psychology (3-0-3) (AREA II). An introductory course in psychology and a prerequisite to most other psychology courses. Empirical findings are major concerns in the treatment of such topics as perception, learning, language, intelligence, personality, social interactions, and behavioral problems. An overview of scientific methodology is provided.

P 305 Statistical Methods (3-0-3) (FS). Statistical concepts and methods commonly used in the treatment of data in the social sciences. Topics covered will include measures of central tendency and of variability, correlation measures, probability, and analysis of variance. Prerequisite: P 101, M 108, M 120.


P 311 Child Psychology (3-0-3). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Prerequisite: P 101.

P 312 Adolescent Psychology (3-0-3). Chronologically a continuation of child psychology P 311; the special conditions of adolescent growth and adjustment will be emphasized in the course. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Prerequisite: P 101.

P 211 Abnormal Psychology (3-0-3). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Prerequisite: P 101.

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P 101 General Psychology (3-0-3) (AREA II). An introductory course in psychology and a prerequisite to most other psychology courses. Empirical findings are major concerns in the treatment of such topics as perception, learning, language, intelligence, personality, social interactions, and behavioral problems. An overview of scientific methodology is provided.

P 305 Statistical Methods (3-0-3) (FS). Statistical concepts and methods commonly used in the treatment of data in the social sciences. Topics covered will include measures of central tendency and of variability, correlation measures, probability, and analysis of variance. Prerequisite: P 101, M 108, M 120.
Admission to Teacher Education must be completed prior to enrollment in TE 451/452, Elementary curriculum and methods, or TE 381, Secondary School Methods.

**B. General requirements for admission to Teacher Education for elementary and secondary candidates shall be determined and implemented by the Department of Teacher Education and Library Science. These requirements include:**

1. Filing of the Admission to Teacher Education, or its equivalent.
2. A minimum grade of C in TE 201, Foundations of Education, or its equivalent.
3. Prior to registration in secondary or elementary methods courses or in student teaching, students must demonstrate proficiency in written and oral English. This is normally determined while the students are enrolled in TE-201, Foundations of Education. Transfer students must make arrangements with the Coordinator of Field Services for exceptions to this procedure.

Specific procedures followed by the Department in judging English proficiency are available in the office of the Coordinator of Field Services.

4. Any deviations from the preceding policy must be approved by the Chairman of the Department of Teacher Education and Library Science.

C. Any student may be dismissed from a program leading to certification if he or she is found to be in violation of any offense which would be grounds for revocation or denial of an Idaho teaching certificate.

**ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES**

A. An application for a specific student teaching assignment must be filed with the Office of Field Services, Department of Teacher Education and Library Science, by the following deadlines:

1. February 15 of the Junior year for fall secondary student teachers and fall/spring elementary student teachers.
2. October 1 of the Senior year for spring secondary student teachers and spring/fall elementary student teachers.

Application forms may be picked up from the Office of the Coordinator of Field Services.

NOTE: Six weeks notice will be required prior to the beginning date of the student teaching assignment if a student wishes to withdraw from student teaching.

**B. General requirements for admission to student teaching for elementary or secondary candidates include:**

1. **ELEMENTARY MAJOR**
   a. Admission to Teacher Education.
   b. Recommendation by the faculty advisor or Department chairman.
   c. A cumulative grade point average of 2.50.
   d. Elementary Curriculum and Methods, TE 451, 452, taken concurrently with or prior to student teaching.
   e. Student teaching to be completed during 2 consecutive semesters.
   NOTE: Deviations from the above requirements must be approved by the chairman of the Department of Teacher Education and Library Science.
   f. Senior standing.
   NOTE: Deviations from the above requirements must be approved by the chairman of the Department of Teacher Education and Library Science.
   g. A student will not be allowed credit towards his/her major department requirements for any grade of "D" in upper division courses in his/her major department.

2. **SECONDARY OPTIONS**
   a. Admission to Teacher Education.
   b. Completion of an Early School Experience, either in a subject matter area or arranged through the TE 201, Foundations of Education instructor.
   c. Recommendation by the faculty advisor or the Department chairman.
C. Student teachers are expected to do responsible teaching, participate in cocurricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their University supervisors.

D. Students who transfer to Boise State University must meet requirements for admission to Teacher Education and Student Teaching, and complete at least 6-9 semester hours at the University before being placed in Student Teaching.

E. Student Teaching can only be taken once (refer to PART II, ACADEMIC INFORMATION—Academic Regulations).

### ELEMENTARY EDUCATION MAJOR

**Bachelor of Arts Degree**

Students preparing to teach in the elementary grades will major in Elementary Education and complete a program of studies approved by the chairman of the Department of Teacher Education and Library Science consisting of general and professional Education courses.

#### A. General University Requirements for BA Degree

1. **English Composition E 101-102**
   - 3-6
   - Note: E 101 may be exempt.

2. **Area I Requirements**
   - 12
   - 1. Literature (to include American Literature E 271 or 272) .....
   - 2. Second and Third Field Electives (see university core requirements) .....

#### B. Area II Requirements

1. **Area II Social Science Electives (See University core requirements)** .....

#### C. Area III Requirements

1. **Area III Social Science Electives** .....

#### D. Area IV Requirements

1. **Area IV Social Science Electives** .....

### Professional Education Requirements

1. **100 LEVEL**
   - a. Early School Experience TE 171 .....
   - b. Mathematics for Elem. Teachers M 103-104 .....
   - c. Music Fundamentals MU 101 .....
   - d. Foundations of Education TE 201 .....
   - e. Teaching Beginning Reading K-3, TE 206 .....
   - f. Teacher Aide Practicum TE 271 .....
   - g. Education of the Exceptional Child TE 291 .....
   - h. Electives (Area I) .....

2. **200 LEVEL**
   - b. Elementary School Art Methods AR 321 .....
   - c. Elementary School Physical Educ. PE 361 .....
   - d. Educational Psychology P 325 .....

3. **300 LEVEL**
   - a. Reading in the Content Subjects TE 307 .....
   - b. Electives (consider Elem. Specialty) .....

4. **400 LEVEL**
   - b. Elem. Curriculum & Methods II TE 452 .....
   - c. Elementary School Media I TE 410 .....
   - d. Elementary School Media II TE 411 .....
   - e. Elementary Student Teaching TE 471 .....
   - f. Elementary Student Teaching TE 472 OR
     Student Teaching in Special Educ. TE 473 .....
   - g. Electives .....
   - h. Senior Seminar Elementary Educ. TE 498 .....
   - i. Senior Seminar Elementary Educ. TE 499 .....
   - j. Language Component .....

#### FRESHMAN YEAR:

1. **1ST SEM.**
   - English Composition E 101-102 .....
   - Concepts of Biology B 100 .....
   - Physical Science C 100, GO 100, PS 100 or PH 105 .....
   - Early School Experience TE 171 .....
   - General Psychology (Area II) P 101 .....
   - Elem. Mathematics for Teachers M 103, 104 .....
   - Intro to Geography GG 101 .....
   - Music Fundamentals MU 101 .....
   - Electives (Area I) .....
   - 17

2. **2ND SEM.**
   - Electives .....
   - 16

#### SOPHOMORE YEAR:

1. **1ST SEM.**
   - Survey of American Literature E 271 or 272 .....
   - Foundations of Education TE 201 .....
   - U.S. History HY 151, 152, 251 or 252 .....
   - Teaching Beginning Reading K-3, TE 206 .....
   - Teacher Aide Practicum TE 271 .....
   - Education of the Exceptional Child TE 291 .....
   - Electives (Area II, III) .....
   - 16

2. **2ND SEM.**
   - Electives (consider Elem. Specialty) .....
   - 14

#### JUNIOR YEAR:

1. **1ST SEM.**
   - Reading in the Content Subjects TE 307 .....
   - Elem. School Art Methods AR 321 .....
   - Music Methods for the Elementary School Teacher MU 371 .....
   - Elementary School Physical Educ. PE 361 .....
   - Educational Psychology P 325 .....
   - Children’s Literature LS 316 .....
   - Class in Oral Communication .....
   - Electives .....
   - 16

2. **2ND SEM.**
   - Electives .....
   - 14

#### SENIOR YEAR:

1. **1ST SEM.**
   - Child Psychology P 311 .....
   - Elementary School Media I TE 410 .....
   - Elementary School Media II TE 411 .....
   - Elem. Curriculum & Methods I TE 451 .....
   - Elem. Curriculum & Methods II TE 452 .....
   - Elementary Student Teaching TE 471 .....
   - Elementary Student Teaching TE 472 OR
     Student Teaching in Special Educ. TE 473 .....
   - Senior Seminar Elementary Educ. TE 498 .....
   - Senior Seminar Elementary Educ. TE 499 .....
   - 16

2. **2ND SEM.**
   - Electives .....
   - 16

### ELEMENTARY BILINGUAL/MULTICULTURAL MAJOR

**Bachelor of Arts Degree**

#### LANGUAGE COMPONENT

**SPANISH**

- **Required:**
  - English Monolinguals:
    - Elementary Spanish S 101, 102 .....
    - Intermediate Spanish S 201, 202 .....
    - 8
  - Spanish/English Bilinguals:
    - Spanish for the Native Speaker S 203 .....
    - 4
**SCHOOL OF EDUCATION**

**ALL STUDENTS**

Spanish Conversation & Comp. S 303, 304 .......................... 6  
El Español Vernacular S 205 ........................................... 2  
Panorama de la Tradición Cultural Mexicana/ Americana S 378 ..................... 3  

TOTAL LANGUAGE HOURS FOR ENGLISH MONOLINGUALS ................. 11

TOTAL LANGUAGE HOURS FOR BILINGUALS .......................... 27

Elective:  
Espanol Avanzado S 411 ........................................... 3  
Placement into the proper course will be made on the basis of placement test results in consultation with the Foreign Language placement advisors. Credit for previous work may be gained through regular University challenge procedures.

**LINGUISTICS**  
Required:  
Intro to Language Study LI 305 ........................................... 3  
Applied Linguistics in English as a Second Language (ESL) LI 407 ................. 3

ENGLISH  
Required:  
English Composition E 101, 102 ........................................... 6  
TOTAL LANGUAGE COMPONENT — English Monolinguals ...................... 39  
Bilinguals ......................................................... 27

**MULTICULTURAL COMPONENT**  
Required:  
Survey of American Literature E 271 or 272 ........................................... 3  
Mexican American Literature S 425 ........................................... 3  
Introduction to Multi-Ethnic Studies SO 230 ........................................... 3  
History of Minorities in the U.S. HY 261 ........................................... 3  
Intercultural Communications CM 351 ........................................... 3  
Cultural Anthropology AN 102 ........................................... 3  
One multicultural course to be selected from Anthropology, History, Political Science, Sociology, or Spanish offerings.  
NOTE: Check with advisor for acceptable course.  
REQUIRED MULTICULTURAL COMPONENT ..................................... 20

**SCIENCE COMPONENT**  
Required:  
Mathematics for Elem. Teachers M 103, 104 ........................................... 8  
Concepts of Biology B 100 ........................................... 4  
Choose two of the following:  
Concepts of Chemistry C 100 ........................................... 4  
Fundamentals of Geology GO 100 ........................................... 4  
Foundations of Physical Science PS 100 ........................................... 4  
REQUIRED SCIENCE COMPONENT ............................................. 20

**PROFESSIONAL REQUIREMENTS**  

**GENERAL EDUCATION:**  
Elementary School Art Methods AR 321 ........................................... 3  
Children’s Literature LS 316 ........................................... 3  
Music Fundamentals MU 101 ........................................... 2  
Public School Music MU 371 ........................................... 2  
General Psychology P 101 ........................................... 3  
Child Psychology P 311 ........................................... 3  
Elementary School Physical Educ. PE 381 ........................................... 3  
TOTAL GENERAL EDUCATION ............................................. 19

**TEACHER EDUCATION**  
Early School Experience TE 171 ........................................... 1  
Foundations of Education TE 201 ........................................... 3  
Teaching Beginning Reading K-3 ........................................... 3  
Teacher Aide Practicum TE 271 ........................................... 2  
Reading in the Content Subjects TE 307 ........................................... 3  
Teaching Reading & Language Arts in the Bilingual Classroom TE 453 ................. 3  
Teaching Content in the Bilingual Classroom TE 454 ........................................... 3  
Elementary Student Teaching in the Bilingual Classroom TE 474, 475 ..................... 10  
Conflict in the Educational System TE 496 ........................................... 2  
TOTAL TEACHER EDUCATION ............................................. 30  
TOTAL PROGRAM HOURS — ENGLISH Monolinguals ...................... 128  
Bilinguals ............................................. 118

NOTE: Sufficient additional electives must be completed to meet the 128-hour graduation requirement.

**Suggested Program**

**FRESHMAN YEAR:**  
*Elementary Spanish S 101 ........................................... 4  
General Psychology P 101 ........................................... 3  
English Composition E 101 ........................................... 3  
Mathematics for Elem. Teachers M 103 ........................................... 4  
Music Fundamentals MU 101 ........................................... 2  
TOTAL ............................................................................. 16

*Elementary Spanish S 102 ........................................... 4  
Mathematics for Elem. Teachers M 104 ........................................... 4  
English Composition E 102 ........................................... 3  
Concepts of Biology B 100 ........................................... 4  
Early School Experience TE 171 ........................................... 1  

SOPHOMORE YEAR:  
*Intermediate Spanish S 201 ........................................... 4  
Intro to Multi-Ethnic Studies SO 230 ........................................... 3  
Foundations of Physical Science PS 100 ........................................... 4  
Cultural Anthropology AN 102 ........................................... 3  
Foundations of Education TE 201 ........................................... 3  

*Intermediate Spanish S 202 OR  
Spanish for Native Speakers S 203 ........................................... 4  
Survey of American Literature E 271-272 ........................................... 3  
History of Minorities in U.S. HY 261 ........................................... 3  
Teacher Aide Practicum TE 271 ........................................... 2  
El Español Vernacular S 205 ........................................... 2  
Fundamentals of Geology OR ........................................... 2  
Concepts of Chemistry ........................................... 4  

JUNIOR YEAR:  
Spanish Conversation & Composition S 303 ........................................... 3  
Intro to Language Study LI 305 ........................................... 3  
Choice from Multicultural Component List ........................................... 2  
Elementary School Physical Educ. PE 361 ........................................... 3  
Elementary School Art Methods AR 321 ........................................... 3  
Public School Music MU 371 ........................................... 2  
Spanish Conversation & Composition S 304 ........................................... 3  
Child Psychology P 311 ........................................... 3  
Children’s Literature LS 316 ........................................... 3  
Intercultural Communication CM 351 ........................................... 3  
Teaching Beginning Reading K-3 TE 206 ........................................... 3  

SENIOR YEAR:  
Elementary Student Teaching Bilingual  
Classroom TE 474 ........................................... 5  
Reading in the Content Area TE 307 ........................................... 3  
Teaching Reading & Language Arts in the Bilingual Classroom TE 453 ................. 3  
Panorama de la Tradición Cultural Mexicana/ Americana S 378 ........................................... 3  
Conflict in the Educational System TE 496 ........................................... 2  

Elementary Student Teaching Bilingual  
Classroom TE 475 ........................................... 5  
Mexican American Literature S 425 ........................................... 3  

102
Teaching Content Areas in Bilingual
Classroom TE 454 ............................ 3
Applied Linguistics in English as a Second
Language LI 407 ............................... 3
*Required of monolingual students; bilingual students may replace with electives depending on results of English and Spanish proficiency tests.

AREAS OF SPECIALTY

Students in Education may select an area of specialty as a phase of the Elementary Education major or Secondary Option in subject areas. Areas of specialty are: Early Childhood Education, Library Science, Special Education, and Reading. In some instances, students may need to extend the time sequence at the University in order to complete a specialty. Planning for the specialties should begin prior to the junior year.

EARLY CHILDHOOD EDUCATION

Students may enroll in a program that will provide for a specialty in Early Childhood Education. The Elementary Education major should plan the program with the assistance and approval of the advisor and the consultant in Early Childhood Education. Some courses may be included in both the Elementary Education sequence and the Early Childhood sequence. A minimum of 21 hours, as designated below, is required.

A. Required Courses (total of 17 credit hours)
1. Child Behavior in Early Childhood Educ. TE 481 ............ 3
2. Curriculum in Early Childhood Educ. TE 482 ............ 3
3. Individualizing Instruction in Early Childhood Education TE 485 ....... 3
5. Elementary Student Teaching at the Kindergarten Level TE 472 .... 5

B. Elective Courses (minimum of 4 credit hours)
1. Dance for Children PE 357 ..................... 2
2. Perceptual Motor Programs for Kindergarten & Special Educ. Teachers PE 369 ....... 2
3. Techniques in Student Motivation & Classroom Management TE 371 .... 3
4. Diagnosis of Mildly & Moderately Handicapped TE 430 ......... 3
5. Remediation of Mildly & Moderately Handicapped TE 431 ........ 3
6. Instructional Materials for the Exceptional Child TE 440 ....... 3
7. Independent Study TE 496 ..................... 3

LIBRARY SCIENCE

In addition to general certification requirements, the training required for teacher librarians, at any grade level, shall be not less than 24 semester credit hours in the general field of Educational Media, 12 of which must be in the areas of Material Selection, Organization and Administration, Cataloging and Classification, Reference, and Bibliography. Students must be able to type. Up to 6 semester credit hours in the subject areas listed below may be substituted for an equal number of hours in the field of Educational Media for the purpose of meeting the requirements for the endorsement:

- Philosophy of Education
- Educational Administration
- Curriculum Design or Development
- Pedagogy or Methods of Instruction
- Educational Psychology or Theory of Learning
- Child or Adolescent Psychology
- Communications
- Graphic Arts

A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the Library Science instructor, for guidance in planning his undergraduate program. These basic courses which follow, however, will give suitable academic training for librarians in small public libraries in the area who are unable to afford graduate library schools:

Introduction to Use of Books & Libraries LS 101 ............... 2
Library Organization and Administration LS 301 .......... 3
Reference and Bibliography LS 311 .................... 3
Children's Literature LS 316 ........................ 3
Basic Book Selection LS 321 ....................... 3
Cataloging and Classification LS 331 ......... 3
Audio Visual Aids in Education TE 356 ............... 2
Literature for the Adolescent LS 341 .......... 3

SPECIAL EDUCATION

Students desiring to teach exceptional children may enroll in one of the following programs and upon successful completion will meet requirements for Idaho Teacher Certification. Both programs have been designed to be pursued in a dual program with either the Elementary or Secondary Education major. The student should begin program planning as early as possible with the student's advisor and a consultant from Special Education, thereby providing continuity and elimination of possible obstacles. Several courses may be applied to a dual program and the student should plan accordingly. These programs are designed to meet Idaho Exceptional Child Certification standards which require a major of 30 credit hours in the desired area of certification.

A. GENERALIST — EDUCATIONALLY HANDICAPPED

This program enables a Special Education teacher to work with exceptional children who exhibit mild or moderate educational handicaps such as the mentally retarded, learning disabled, and emotionally disturbed, either in a resource room or a regular classroom.

1. Required Courses (24 Credit Hours)
   a. Education of the Exceptional Child TE 291 .......... 3
   b. Techniques in Student Motivation & Classroom Management TE 371 .... 3
   c. Diagnosis of the Handicapped TE 430 ............ 3
   d. Remediation of Mildly & Moderately Handicapped TE 431 .......... 3
   e. Instructional Materials for the Exceptional Child TE 440 .......... 3
   f. Elementary Student Teaching in Special Education Classroom TE 473 .... 5
   g. Senior Seminar in Elementary Special Education TE 499 ............ 2
   h. Motor Programming for Kindergarten and Severely Handicapped TE 423G .... 3
2. Elective Courses (minimum 6 credit hours)
   a. Behavior Intervention Techniques TE 450G ........ 3
   b. Teaching Strategies for Behavior Disorders TE 425 .......... 3
   c. Curriculum in Early Childhood Educ. TE 462 .......... 3
   d. Individualizing Instruction in Early Childhood Education TE 464 .......... 3
   e. Independent Study of Emotionally Handicapped TE 446 .......... 3

B. SEVERE RETARDATION

This program enables a Special Education teacher to work with exceptional children who exhibit severe handicapping conditions, probably requiring a self-contained placement.

1. Required Courses (21 Credits)
   a. Education of the Exceptional Child TE 291 .......... 3
   b. Techniques in Student Motivation & Classroom Management TE 371 .... 3
   c. Diagnosis of the Handicapped TE 430 ............ 3
   d. Teaching the Moderately & Severely Handicapped TE 423G .... 3
   e. Elementary Student Teaching in Special Education Classroom TE 473 .... 5
2. Elective Courses (minimum 9 Credits)
   a. Instructional Materials for the Exceptional Child TE 440 .......... 3
   b. Teaching Strategies for Behavior Disorders TE 425 .......... 3
   c. Behavior Intervention Techniques TE 450G ........ 3
   d. Curriculum in Early Childhood Educ. TE 463 .......... 3
SCHOOL OF EDUCATION

- Individualizing Instruction in Early Childhood Education TE 464 3
- Independent Study in Mental Retardation TE 469 3
- Dance for Children PE 357 2

READING

Students may enroll in a program that will give them a speciality in Reading. Courses in corrective reading, linguistics, and reading and language arts in the bilingual classroom are designed to broaden and extend both knowledge and skills of beginning generalists at either the Elementary or Secondary level. The program includes an internship to help students apply their reading knowledge and skills in a classroom situation.

A. READING — ELEMENTARY

1. Required Courses
   a. Introduction to the Use of Books and Libraries LS 101 2
   b. Methods of Teaching Reading K-3 TE 206 3
   c. Teaching Reading in the Content Subjects TE 307 3
   d. Corrective Reading TE 358 3
   e. Introduction to Language Studies LI 305 3
   f. Teaching Reading and Language Arts in the Bilingual Classroom TE 453 3
   g. Internship in Reading TE 493 3
   
2. Elective Courses
   b. Techniques in Student Motivation and Classroom Management TE 371 3
   c. Instructional Materials for the Exceptional Child TE 440 3
   d. Advanced Practices and Principles of Teaching Language Arts and Linguistics TE 512 3
   e. Individualizing Reading Instruction TE 522 3
   f. Education for the Culturally Different Learner TE 531 3

B. READING — SECONDARY

1. Required Courses
   a. Introduction to the Use of Books and Libraries LS 101 2
   b. Methods of Teaching Reading K-3 TE 206 3
   c. Teaching Reading in the Content Subjects TE 307 3
   d. Corrective Reading TE 358 3
   e. Introduction to Language Studies LI 305 3
   f. Literature for the Adolescent LS 341 3
   g. Teaching Reading and Language Arts in the Bilingual Classroom TE 453 3
   h. Internship in Reading TE 493 3
   
2. Elective Courses
   a. Applied English Linguistics LI 307 3
   c. Literature for the Secondary School E 481 3
   d. Techniques in Student Motivation and Classroom Management TE 371 3
   e. Instructional Materials for the Exceptional Child TE 440 3
   f. Relating Reading Processes to Secondary School Subjects TE 507 3
   g. Teaching Reading in the Secondary School TE 508 3
   h. Advanced Practices and Principles of Teaching Language Arts and Linguistics TE 512 3
   i. Individualizing Reading Instruction TE 522 3
   j. Education for the Culturally Different Learner TE 531 3

CERTIFICATION REQUIREMENTS FOR ELEMENTARY EDUCATION

Students from Boise State University will be recommended for an elementary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of the Bachelor of Arts degree in Elementary Education.

2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.

3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.

CERTIFICATION REQUIREMENTS AND ENDORSEMENTS FOR SECONDARY EDUCATION


A. Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of Baccalaureate degree including Education requirements.

2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.

3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department subject area specialization and the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of the subjects to be taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow specialized programs determined by the Department of Teacher Education and Library Science.

B. A standard secondary certificate may be issued by the State Board of Education to any person of good moral character who has a Bachelor’s degree from an accredited college or university and meets the following requirements:

Idaho requires a minimum of 20 semester credit hours “in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching.” These basic requirements are translated into the following required Boise State University courses.

<table>
<thead>
<tr>
<th>Single</th>
<th>Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Education TE 201 3</td>
<td>3</td>
</tr>
<tr>
<td>Reading in Content Subjects TE 307 3</td>
<td>3</td>
</tr>
<tr>
<td>Educating Exceptional Secondary Students TE 333 1</td>
<td>1</td>
</tr>
<tr>
<td>Educational Psychology P 325 3</td>
<td>3</td>
</tr>
<tr>
<td>Secondary School Methods TE 381 3</td>
<td>3</td>
</tr>
<tr>
<td>Special Methods required by Major Department 3</td>
<td>3</td>
</tr>
<tr>
<td>Student Teacher Alternatives 9</td>
<td>14</td>
</tr>
<tr>
<td><em>(See Below)</em> 25</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Teaching Alternatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Single Alternatives</td>
</tr>
<tr>
<td>a. Junior High/Middle School Student Teaching TE 482 3</td>
</tr>
<tr>
<td>The Junior High/Middle School TE 486 8</td>
</tr>
<tr>
<td>b. Senior High School Student Teaching TE 483 3</td>
</tr>
<tr>
<td>The Senior High School TE 487 1</td>
</tr>
<tr>
<td>2. Composite Alternative</td>
</tr>
<tr>
<td>The Junior High/Middle School TE 486 3</td>
</tr>
<tr>
<td>Composite-Junior High/Middle School Student 1</td>
</tr>
</tbody>
</table>
Teaching TE 484 ........................................ 6
Composite-Senior High School Student
Teaching TE 485 ........................................ 6
The Senior High School TE 487 ......................... 1

NOTE: The above alternatives all lead to a standard secondary certificate (grades 7-12), and offer a variety of student teaching experiences. Alternative 1.a. provides for a Junior High/Middle School experience. Alternative 1.b. provides for a Senior High School Experience. Alternative 2 provides for a combination of Junior High/Middle School and Senior High School experiences. Students should consider alternative 2 if their teaching fields are applicable to both the junior and senior high school level. It is highly desirable to discuss such alternatives with the major advisor and with a member of the Secondary Education faculty in the Department of Teacher Education and Library Science well in advance of applying for student teaching.

Students may complete the student teaching requirements in either the fall or spring semester of their senior year. The advisor should be consulted as to the better time based upon offerings in the major field and other considerations.

Student teaching is scheduled through the Office of the Coordinator of Field Services in the Department of Teacher Education and Library Science. See SESSION TO STUDENT TEACHING AND GENERAL POLICIES for specifics regarding student teaching.

C. To be recommended for certification from Boise State University, the student must complete the Secondary Option degree program within a selected department. Such completion represents a major certification endorsement (at least 30 credit hours) in a teaching field. It is highly recommended that the student complete a minor certification endorsement of at least 20 credit hours in another field as an additional minor certification endorsement enhances the opportunity for employment.


D. A listing of the Boise State University minor certification endorsements* is included for the convenience of students:

Requirements for Minor Certification Endorsements

*NOTE: Minor certification endorsements may be recognized by the State of Idaho in areas other than those included in this listing. Check with the Office of Field Services for further information.

ANTHROPOLOGY:
Social Science Major:
Physical Anthropology AN 201 .......................... 3
Cultural Anthropology AN 202 ........................ 3
Peoples and Cultures of the World AN 311 3
additional upper division Anthropology .......................... 6
15

Non-Social Science Major:
Physical Anthropology AN 201 ........................ 3
Cultural Anthropology AN 202 ........................ 3
Introduction to Archaeology AN 203 .......................... 3
Peoples and Cultures of the World AN 311 3
additional upper division Anthropology .......................... 9
21

ART:
Introduction to Art AR 103 .......................... 3
Basic Design AR 105-106 .......................... 4
Drawing AR 111, 112 ................................ 2
Painting AR 113, 114 .......................... 2
2 hours from: Sculpture, Metalsmithing
Ceramics, Methods in Craft .......................... 2

Electives from 100-400 Regular Courses ..................... 7
Suggested Electives: Art History, Lettering, Photography, Printmaking, Weaving, and those listed above ................. 20

BIOLOGY:
General Biology B 101-102 .......................... 8
or General Botany BT 130 and
General Zoology Z 130 .......................... 9
Systematic Botany BT 201 .......................... 4
Concepts of Anatomy and Physiology Z 107 .......................... 4
Genetics, Lab B 343, 344 .......................... 4
or Vertebrate Natural History Z 355 .......................... 4
20-21

BUSINESS EDUCATION:
(No Minor Certification Endorsement)

CHEMISTRY:
100 Level General Chemistry Courses ..................... 8-10
Organic Chemistry Courses .......................... 5
Additional Courses in Analytical, Physical,
Inorganic or Biochemistry .......................... 4
Mathematics to the M 111 Algebra and
Trigonometry Level .......................... 5
22-24

COMMUNICATION: (Speech)
Fundamentals of Speech CM 111 .......................... 3
Reasoned Discourse CM 112 .......................... 3
Communication Process CM 221 .......................... 3
Speech-Communication for Teachers CM 311 .......................... 3
Methods of Teaching Communication CM 401 .......................... 3
Electives selected from: ................................ 5
Mass Communication CM 171 .......................... 3
Oral Interpretation CM 241 .......................... 3
Communication in the Small Group CM 251 .......................... 3
Interviewing CM 307 .......................... 3
Message Analysis and Criticism CM 331 .......................... 3
Non-Verbal Communication CM 341 .......................... 2
Intercultural Communication CM 351 .......................... 3
21

CONSUMER EDUCATION:
(See Business Education Department)
Consumer in the Marketplace HE 250 .......................... 3
Principles of Economics EC 201-202 .......................... 6
Personal Finance and Investments FI 108 .......................... 3
Money and Banking EC 301 .......................... 3
Basic Marketing Management MK 301 .......................... 3
Consumer Education in Schools BE 411 .......................... 3
21

EARTH SCIENCE:
Physical Geology GO 101 .......................... 4
Historical Geology GO 103 .......................... 4
Introduction to Ocean Geology GO 201 .......................... 3
Introduction to Meteorology GO 213 .......................... 3
Introduction to Descriptive Astronomy PH 105 .......................... 4
Electives selected from: ................................ 3
Geology of Idaho & Pacific NW GO 111 .......................... 3
Mineralogy GO 221 .......................... 4
Geomorphology GO 313 .......................... 3
Invertebrate Paleontology Physics of
the Earth GO 351 .......................... 3
Environmental Geology GO 511 .......................... 3
21

ECONOMICS:
Principles of Macroeconomics EC 201 .......................... 3
Principles of Microeconomics, Micro EC 202 .......................... 3
Intermediate Microeconomics EC 303 .......................... 3
Intermediate Macroeconomics EC 305 .......................... 3
Upper Division Economics Courses .......................... 9
21

ENGLISH:
Advanced Composition .......................... 3
<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Linguistics</strong></td>
<td>Survey of American Literature E 271 or 272</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Teaching English Composition E 301 OR</td>
<td></td>
</tr>
<tr>
<td><strong>German</strong></td>
<td>Elementary German G 101-102, and Intermediate German G 201-202</td>
<td>3</td>
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<tr>
<td></td>
<td>Complete 21 Upper Division Credits</td>
<td></td>
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<tr>
<td><strong>Spanish</strong></td>
<td>Elementary Spanish S 101-102, and Intermediate Spanish S 201-202</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Complete 23 Upper Division Credits</td>
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<tr>
<td><strong>FOREIGN LANGUAGE:</strong></td>
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<tr>
<td><strong>French</strong></td>
<td>French Composition &amp; Conversation F 303-304</td>
<td>6</td>
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<tr>
<td></td>
<td>French Culture &amp; Civilization F 376-377</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Teaching Methodology in Foreign Language FL 412</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Elementary French F 101-102, and Intermediate French F 201-202, by completing the courses or by examination.</td>
<td>3</td>
</tr>
<tr>
<td><strong>Health Education:</strong></td>
<td>Health Education PE 100</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>First Aid PE 105</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Personal Health Problems PE 205</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives from the following:</td>
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<tr>
<td><strong>Physical Education:</strong></td>
<td>First Aid PE 105</td>
<td>2</td>
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<tr>
<td></td>
<td>Physical Kinesiology PE 115</td>
<td>2</td>
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<tr>
<td></td>
<td>Manual and the Environment E 200</td>
<td>2</td>
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<tr>
<td></td>
<td>Intro to Disease Conditions E 200</td>
<td>3</td>
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<td></td>
<td><strong>Chronic Illness: Impact &amp; Outcome H 206</strong></td>
<td>3</td>
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<tr>
<td><strong>HISTORY:</strong></td>
<td>U.S. History HY 151-152 or Problems</td>
<td>12</td>
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<tr>
<td></td>
<td>in U.S. History HY 251-252</td>
<td>6</td>
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<tr>
<td></td>
<td>Western Civilization or Problems in Western Civilization HY 101-103-103</td>
<td>3</td>
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<tr>
<td></td>
<td>American Government (State-Required)</td>
<td></td>
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<tr>
<td></td>
<td>Upper Division Courses to include 3 credit hours</td>
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<tr>
<td></td>
<td>U.S. History with remaining 9 credit hours selected from 2 or 3 major History areas</td>
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<tr>
<td><strong>MATHEMATICS:</strong></td>
<td>Calculus M 204, 211</td>
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<td></td>
<td>Calculus M 205, 212</td>
<td>4-5</td>
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<td>At least 1 of the following:</td>
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<tr>
<td></td>
<td>Introduction to Abstract Algebra M 302</td>
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<td></td>
<td>Number Theory M 306</td>
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<td></td>
<td>Foundations of Geometry M 311</td>
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<tr>
<td></td>
<td>Fundamentals of Statistics M 361</td>
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<tr>
<td></td>
<td>Electives to complete 20 hours</td>
<td>6-4</td>
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<tr>
<td><strong>MUSIC:</strong></td>
<td>Materials of Music MU 119-120</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Ear Training MU 121-122</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Introduction to Music MU 133</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Basic Conducting MU 261</td>
<td></td>
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<tr>
<td></td>
<td>Orientation to Music Education MU 271</td>
<td></td>
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<tr>
<td></td>
<td>1 year Major Performance Ensemble</td>
<td>2</td>
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<tr>
<td><strong>Instrumental Track:</strong></td>
<td>String Instrument Methods &amp; Techniques MU 257</td>
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<td></td>
<td>Woodwind Methods &amp; Techniques MU 266</td>
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<td></td>
<td>Percussion Methods &amp; Techniques MU 368</td>
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<td>Band &amp; Orchestra Methods &amp; Materials MU 387</td>
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<tr>
<td><strong>METEOROLOGY</strong></td>
<td>Materials of Music MU 119-120</td>
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<tr>
<td></td>
<td>Ear Training MU 121-122</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Introduction to Music MU 133</td>
<td>3</td>
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<tr>
<td></td>
<td>Vocal Techniques MU 256</td>
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<td></td>
<td>Basic Conducting MU 261</td>
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<tr>
<td></td>
<td>Orientation to Music Education MU 271</td>
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<tr>
<td></td>
<td>1 year Major Performance Ensemble</td>
<td>2</td>
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<tr>
<td></td>
<td>1 year Major Performance Ensemble</td>
<td>2</td>
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<tr>
<td><strong>Adapted &amp; Corrective Physical Education:</strong></td>
<td>Elementary School Physical Education PE 361</td>
<td>3</td>
</tr>
<tr>
<td><strong>Electives to complete 20 hours</strong></td>
<td>6-4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Electives to complete 20 hours</td>
<td>6-4</td>
</tr>
<tr>
<td><strong>PHYSICAL EDUCATION:</strong></td>
<td>Elementary Physical Education:</td>
<td></td>
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<tr>
<td></td>
<td>First Aid PE 105</td>
<td>2</td>
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<tr>
<td></td>
<td>Gymnastics PE 115</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Track and Field PE 212</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Physical Kinesiology PE 310</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Dance for Children PE 357</td>
<td>2</td>
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<tr>
<td></td>
<td>Motor Programming for Kindergarten and Special</td>
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<td></td>
<td>Education Teachers PE 369</td>
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<tr>
<td></td>
<td>Adapted &amp; Corrective Physical Education PE 451</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Internship PE 493</td>
<td>3</td>
</tr>
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</table>

**TOTAL CREDITS REQUIRED:** 120
Secondary Physical Education:
Health Education PE 100 .................................................. 3
First Aid PE 105 ................................................................. 2
Basic Movement PE 113 .................................................. 2
Gymnastics PE 115 ............................................................... 1
Field Sports PE 117 ............................................................ 1
Resistive Training & Conditioning Procedures PE 149 .......... 1
Principles of Physical Education PE 202 ........................ 2
Track and Field PE 212 ....................................................... 1
Anatomical Kinesiology PE 230 .......................................... 2
Methods for Teaching Physical Educ. PE 304 ................. 2
Physiological Kinesiology PE 310 ....................................... 2
Organization and Administration of Physical Education PE 457 ................................................... 3
Internship PE 493 ............................................................ 3

PHYSICS:
General Physics PH 101-102 ............................................. 8
Introduction to Descriptive Astronomy PH 105 ................. 4
Introduction to Biophysics PH 207 ...................................... 4
Technical Drawing EN 101 OR Engineering Fundamentals EN 107 .................................................... 2
Digital Computer Programming EN 104 ............................................. 2
Math Skill Equivalent to M 111 ........................................... 5

POLITICAL SCIENCE:
American National Government PO 101 .......................... 3
Comparative European Governments and Politics PO 229 .................................................. 3
International Relations PO 231 ......................................... 3
American History ............................................................... 6
Political Science Electives (Upper Division) ...................... 3

PSYCHOLOGY:
General Psychology P 101 ................................................ 3
Abnormal Psychology P 301 .............................................. 3
Statistical Methods P 305 .................................................. 3
Personality P 351 ............................................................. 3
Psychology Upper Division Electives ............................... 21

SOCIOLOGY:
Introduction to Sociology SO 101 .................................... 9
Social Statistics SO 310 ..................................................... 3
Social Research SO 311 ..................................................... 3
History of Sociology SO 401 OR Counseling and Social Relations PO 231 .................................................. 3
Current Sociological Perspectives SO 402 ....................... 3
Sociology Electives ............................................................ 9

THEATRE ARTS:
Technical Theatre TA 117-118 .......................................... 8
Acting TA 215 ................................................................. 3
Major Production Participation TA 331 ......................... 3
World Drama TA 341, 342, 353 ......................................... 3
Directing TA 491 ......................................................... 3
Theatre History TA 421 or 422 ........................................... 3

SPECIAL EDUCATION
Students wishing to pursue a program leading to certification as a Special Education teacher will need to arrange consultation with a Special Education faculty member in the Department of Teacher Education and Library Science. The student wishing to pursue such a plan should investigate this option as early as possible since a minimum of thirty (30) credits will be required in the program leading to certification.

GRADUATE PROGRAMS
A Master of Arts in Elementary Education is offered through the Department of Teacher Education and Library Science. The candidate may select from 5 areas of emphasis: (1) Curriculum and Instruction, (2) Content Enrichment, (3) Early Childhood, (4) Reading, and (5) Special Education. The specifics of the programs are presented in the Graduate School Section of this Catalog.

A Master of Arts/Science in Secondary Education is offered by the Department of Teacher Education and Library Science in cooperation with participating departments of the University. The areas of emphasis are: Art, Business Education, Earth Science, English, History, Mathematics, and Music. The specifics of the programs are presented in the Graduate School Section of this Catalog.

SERVICES
A teacher Placement Service is provided by the Boise State University Career and Financial Services Office. Check with the Director regarding eligibility to use this service and procedures for doing so.

READING EDUCATION CENTER
The Center provides special services for University and public school students with specific problems in reading. Faculty members, public school teachers and parents may seek assistance from the Reading Education Center for students who need diagnosis followed by planned instruction for improvement.

COURSE OFFERINGS

LS LIBRARY SCIENCE
LOWER DIVISION
LS 102 Basic Library Skills (2-1-1) (FS). An independent self-paced course in library skills including resources common to academic libraries in general and to facilities in the Boise State University Library, in particular. Designed for incoming students who are not familiar with an academic library and for returning students who have had difficulty using the college library in the past.

UPPER DIVISION
LS 301 Library Organization and Administration (3-0-3) (FS). An introduction to the development, organization, and management of all types of libraries with emphasis on the school library and its place in the institutional program.
LS 311 References and Bibliographies (3-0-3) (FS). Introduction to the principles and techniques of reference work: the evaluation and use of basic reference books, indexes, and bibliographies found in school and small public libraries. Especially recommended for secondary teachers.
LS 316 Children's Literature (3-0-3) (FS). Selection, wide reading, and evaluation of books appropriate for children, including emphasis upon the interests and needs of ethnic minorities. Required of elementary education majors and elementary school librarians. Recommended for public librarians, parents, and all who work with children.
LS 321 Basic Book Selection (3-0-3) (S). Principles and techniques for evaluating and selecting library materials, introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials, includes discussions of discard and weeding, and materials for slow and gifted readers. Especially recommended for secondary teachers.
LS 321 Cataloging and Classification (3-0-3) (S). Introduction to the theory and principles of classification and cataloging of book materials; practice in using the Dewey Decimal Classification, in preparing catalog cards and in the ordering and use of Library of Congress printed cards; assignment of subject headings and library filing.
LS 341 Literature for Adolescents (3-0-3) (S). Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people, including emphasis upon the needs of ethnic minorities. Intended for librarians, high school teachers, and others interested in working with young adults. Prerequisite: 3 credits of lower division literature.

TE TEACHER EDUCATION
LOWER DIVISION
TE 198 Efficient Reading and Effective Study Skills (3-0-2) (FS). Develops the reading and study skills of the college students. Areas covered are organized study techniques, taking exams, building vocabulary, comprehending reading material, gaining main ideas, using the library, and reading rapidly and flexibly.
TE 171 Early School Experience (1-1-1) (FS). An experience in a school classroom, involving observation and assistance to the teacher. Requires a minimum of 20 hours in the classroom and periodic seminars with a university instructor. Program is coordinated by the Department of Teacher Education and Library Science. Required of all elementary education majors.

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SCHOOL OF EDUCATION

TE 201 Foundations of Education (3-0-3) (Area II). A general introductory course in education to provide the student familiarity with the teaching profession. Components of the class include social, cultural, philosophical, and historical perspectives of education. In addition, an attempt is made to inspect current educational issues and problems as they relate to the four basic components.

TE 206 Teaching Beginning Reading, K-3 (3-0-3) (FS). Explores the professional responsibilities of the reading teacher, synthesizes current approaches to beginning reading instruction, and provides knowledge and skills for implementing reading instruction from kindergarten through grade three.

TE 271 Teacher Aide Practicum (1-3-2) (FS). Provides an opportunity for students to become familiar with practical problems of teaching. Included are two one-hour orientation meetings, seminars with university professors and 40 hours of direct "aiding" experience in an elementary, special education, or pre-school classroom. Prerequisite: TE 171.

TE 291 Education of the Exceptional Child (3-0-3). All areas of exceptionality will be explored and appropriate strategies and techniques necessary to teaching the moderately/severely handicapped, emotionally disturbed, and those referred for evaluation. Implications for teachers of exceptional children will be the emphasis of this course. A survey and use of those materials available in the Boise State Curriculum Resource Center as well as those available in local school districts will provide the materials base.

TE 450G Behavior Intervention Techniques (3-0-3) (S). This course is designed for teachers, counselors, and administrators to gain an understanding of the principles of behavior and the application of behavioral analytice procedures. The major emphasis will be based upon the Learning Theory Model. Development of an intervention strategy to deal with the relationship of behavior to the environment will be stressed. Prerequisite: TE 291.

TE 451 Elementary Curriculum and Methods (5-0-5) (FS). The basic semester of Elementary Curriculum and Methods with an emphasis on curriculum models, textbook series used by local school districts, and basic skills that are essential for the teaching of mathematics, social studies, science, and language arts. Also included is an introduction to goals and objectives, lesson plans, appropriate classroom activities, and models of evaluation as suggested by current educational and psychological theory. Prerequisite: TE 171, 271, 291. Corequisite: TE 410, 471, 498. Also offered summers, even years.

TE 452 Elementary Curriculum and Methods (5-0-5) (FS). The advanced semester of Elementary Curriculum and Methods with an emphasis on expanding skills essential for teaching mathematics, social studies, science, and the language arts in the 5th's. Also included are unit plans, processing skills, problem-solving and decision-making strategies, and classroom activities. Prerequisite: TE 411, 441, 472, 498. Also taught summers, odd years.

TE 453 Teaching Reading and Language Arts in the Bilingual Classroom (3-0-3). Develops an understanding of various approaches to reading instruction. Includes reading strategies and methods, the applications of different instructional materials in instruction. Given in both English and Spanish. Prerequisite: S 101, 102, 201, and 202 or S 203.

TE 454 Teaching Content in the Bilingual Classroom (3-0-3) (S). The major emphasis will be to teaching mathematics, social studies, science, and the language arts in the 5th's. Also included are unit plans, processing skills, problem-solving and decision-making strategies, and classroom activities. Prerequisite: TE 401. Corequisite: TE 411, 441, 472, 498. Also taught summers, odd years.

TE 455 Creating Materials in Early Childhood Education (3-0-3) (F). All areas of the curriculum will be explored. Various early childhood curricula from national programs will be examined. A variety of early childhood environments will be visited during course lecture hours.

TE 456 Infant Education (3-0-3) (F). Odd-numbered years. The physical, social, emotional, and intellectual development of the infant - age birth to three - will be examined in relation to kinds of environment and learning experiences that will stimulate and ensure optimum development.

TE 457 Individualizing Instruction in Early Childhood Education (3-0-3) (F). Even-numbered years. Teaching methods in the early childhood environment will be examined. Particular emphasis will be given to individualizing instruction. The student will become oriented with techniques in observing children, assessing needs, and planning for instruction.

TE 460 Foundations of Human Behavior (3-0-3) (S). Students will learn to make observations that are best suited to meet the developmental and cultural needs of children. Various materials such as independent study devices, pocket charts, self-correction materials, puppets, and games will be covered. Students may be charged a lab fee for supplies.

TE 471 Elementary Student Teaching (0-20-3) (FS). Observation and supervised teaching. Prerequisite: Approval of an application for student teaching, senior standing and GPA of 2.50.

TE 472 Elementary Student Teaching (0-20-5) (FS). Observation and supervised teaching. Prerequisite: Approval of an application for student teaching, senior standing and GPA of 2.50.

TE 473 Elementary Student Teaching in Special Education (3-0-5) (FS). Supervised teaching in a resource or self-contained special education classroom. Prerequisite: Required course work in special education and approval for placement in a special education setting.

TE 474 Elementary Student Teaching in the Bilingual Classroom (0-20-5) (FS). This course includes observation of teaching in bilingual classrooms at varied grade levels, teaching under the direction of a cooperating teacher in a bilingual classroom and participation in regularly scheduled seminars with a university supervisor. Some areas will be presented in both English and Spanish. May be taken concurrently with TE 453 or TE 454. Prerequisite: S 202, TE 450, TE 454.

TE 475 Elementary Student Teaching in the Bilingual Classroom (0-20-5) (S). This course includes observation of teaching in bilingual classrooms at varied grade levels, teaching under the direction of a cooperating teacher in a bilingual classroom and regularly scheduled seminars with a university supervisor. Some areas will be presented in both English and Spanish. May be taken concurrently with TE 453 or TE 454. Prerequisite: S 202, TE 452, 454.
TE 482 Junior High/Middle School Student Teaching (0-14-8) (FS). Supervised student teaching in a junior school or middle school. The student will be placed with a cooperating teacher for eleven weeks in his major and/or minor field under supervision of university faculty. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 486.

TE 483 Senior High School Student Teaching (0-14-8) (FS). Supervised student teaching in a senior high school. The student will be placed with a cooperating teacher for eleven weeks in his major and/or minor field under supervision of university faculty. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 487.

TE 484 Junior High/Middle School Student Teaching - Composite (0-10-6) (FS). Supervised student teaching in the junior high/middle school. The student will be placed with a cooperating teacher for approximately one-half of the semester in his major and/or minor field under the supervision of university faculty. The other half of the semester will be in a senior high school. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 485, 486, 487.

TE 485 Senior High School Student Teaching - Composite (0-10-6) (FS). Supervised student teaching in the senior high school. The student will be placed with a cooperating teacher for approximately one-half of the semester in his major and/or minor field under the supervision of university faculty. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 484, 486, 487.

TE 486 The Junior High/Middle School (1-0-1) (FS). This course will examine the characteristics of students, teaching methods, classroom management, curriculum, and other problems and aspects specific to the junior high/middle school. Prerequisite: TE 201, 281. Corequisite: TE 482 or 494.

TE 487 The Senior High School (1-0-1) (FS). This course will examine the characteristics of students, teaching methods, classroom management, curriculum, and other problems and aspects specific to the senior high school. Prerequisite: TE 201, 281. Corequisite: TE 482 or 494.

TE 488 Seminar: Conflict in the Educational System (2-0-2). An interdisciplinary social science approach to practical educational considerations raised by authority, communication, culture, language, social stratification, personality differences, and other sources of conflict in education.

TE 489 Seminar Elementary/Special (2-0-2) (F). Designed to assist prospective elementary or special education teachers in effectively dealing with problems associated with teaching. An indept consideration of interpersonal communication, ethical behavior, special resources, professional associations, and controversial issues in teaching takes place with the clinic professor in intensive workshops and seminars. Corequisite: 471.

TE 490 Seminar Elementary/Special (2-0-2) (FS). Designed to assist prospective elementary or special education teachers in effectively dealing with problems associated with teaching. An indept consideration of interpersonal communication, ethical behavior, special resources, professional associations, and controversial issues in teaching takes place with the clinic professor in intensive workshops and seminars. Corequisite: TE 472 or TE 473.

GRADUATE COURSES

(See Graduate School Section for course descriptions)

TE 501 Advanced Practices and Principles of Teaching Reading (3 credits). Each semester and summer.

TE 502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) (3 credits). Fall semester and summer.

TE 503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3 credits). Spring semester and summer.

TE 504 Seminar in Reading Education (3 credits). Fall semester and summer.

TE 505 Individual Test and Measurements (3 credits). Spring semester.

TE 507 Relating Reading Processes to Secondary School Subjects (3 credits). Fall semester.

TE 508 Teaching Reading in the Secondary School (3 credits). Spring semester.

TE 511 Advanced Practices and Principles in Teaching Social Science (3 credits). Fall semester.


TE 514 Teaching Skills for Remediation of Learning Disabled Students (3 credits). Fall semester.

TE 515 Teaching Gifted and Talented Students (3 credits). Spring semester.

TE 517 Development of Skills for Teaching Moderately/Severely Handicapped (3 credits). Spring semester.

TE 518 Techniques for Creative Writing in Elementary Schools (3 credits). Spring semester.

TE 519 Children's Literature, Advanced Level (3 credits). Spring semester.

TE 520 Educational Media (3 credits). Summer.

TE 522 Individualization of Reading Instruction (3 credits). Spring semester and summer.

TE 523 Emotionally Disturbed Child in the Classroom (3 credits). Fall semester and summer.

TE 524 Education for the Culturally Different Learner (3 credits). Spring semester.

TE 531 Education in Emerging Nations (3 credits). Fall semester.

TE 532 Research and Review in Early Childhood Education (3 credits). Spring.

TE 534 Advancing Physical and Intellectual Competencies in Early Childhood Education (3 credits). Spring.

TE 535 Creativity in Early Childhood. Education (3 credits). Fall.

TE 536 Diagnosis and Evaluation in Early Childhood Education (3 credits). Spring.

TE 537 Language Acquisition and Development in Early Childhood Education (3 credits). Fall.

TE 538 Program Development in Early Childhood Education (3 credits). Fall.

TE 539 Fundamentals of Educational Research for Teachers (3 credits). Fall semester.

TE 540 Supervision of Instructional Personnel (3 credits). Spring semester.

TE 541 Values and Ideologies in Education (3 credits). Spring.

TE 542 Values Influencing Education (1 credit). Summer.

TE 544 Creative Teaching — Secondary School (1 credit). Summer.

TE 545 Evaluating Values Influencing Education (1 credit). Summer.

TE 551 Elementary School (1 credit). Summer.

TE 552 Educational Media (3 credits). Summer.

TE 553 Values and Ideologies in Education (3 credits). Spring.

TE 554 Developing Values Influencing Education (1 credit). Summer.

TE 555 Test and Grading (1 credit). Summer.

TE 556 Interpreting Educational Research (1 credit). Summer.

TE 557 Graduate Core-curriculum in Education (3 credits). Summer.

TE 558 Graduate Core-Directed Writing (3 credits). Summer.

TE 559 Curriculum Planning and Implementation (3 credits). Spring.

TE 560 Practicum (variable credit). Each semester and summer.

TE 561 Project (6 credits). Each semester and summer.

TE 562 Thesis (6 credits). Each semester and summer.
The Education Building from Julia Davis park across the Boise River.
Rapidly expanding medical fields bring new technology and increasing demands for these students.

PART 7

The School of Health Sciences is organized and dedicated to provide a stimulating and challenging milieu in which students can gain the professional, technical, and liberal arts foundation to prepare them for life-long service and learning.

Coursework leading to baccalaureate and associate degrees is offered in several health care professional programs. Preprofessional coursework and counseling are also provided for those students who need undergraduate studies in order to qualify for medical or other professional schools. The school also recognizes the responsibility of providing continuing education to its graduates and to other health care practitioners.

Faculty of the school not only have the required academic degrees but are also registered or certified as practitioners in the areas in which they teach. Hospitals, clinics, government agencies, and a variety of health care practitioners afford the necessary patients, professional support and clinical facilities which are required to complement the classes and laboratories at the University.

COOPERATING AGENCIES

Ada County Council on Alcoholism, Boise, Idaho
Boise Convalescent Center, Boise, Idaho
Boise Valley Sunset Home, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Central District Health Department, Boise, Idaho
Community Health Clinics, Inc., Nampa, Idaho
Environmental Protection Agency
Grand Oaks Health Care Center, Boise, Idaho
Headstart, El-Ada Community Action, Boise, Idaho
Idaho Elks Rehabilitation Hospital, Boise, Idaho
Idaho Health & Welfare, Region III
Idaho Health & Welfare, Region IV
Intermountain Mental Health Center, Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
Nampa Convalescent Center, Nampa, Idaho
St. Alphonsus Regional Medical Center, Boise, Idaho
St. Luke's Regional Medical Center, Boise, Idaho
St. Mary's School, Boise, Idaho
State Hospital South, Blackfoot, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Medical Center, Boise Idaho

SCHOOL OF HEALTH SCIENCES

Dean: Victor H. Duke, PhD
Associate Dean: JoAnn T. Vahey, Ed.D
Health Sciences Building

Phone 208/385-1678
Phone 208/385-1317
### Suggested Program

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
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<td>College Chemistry C 131, 133</td>
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<td>Biochemistry Laboratory C 317-319</td>
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<tr>
<td>Clinical Bacteriology B 104</td>
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<td>General Botany BT 130</td>
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<td>General Zoology Z 130</td>
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<td>Cell Biology B 225</td>
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<td>Basic Medical Technology MT 201</td>
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<tr>
<td>Health Sciences Electives</td>
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<td>Immunology B 420</td>
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<td>Biochemistry C 431</td>
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<tr>
<td>Health Delivery Systems H 202</td>
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<td>Human Physiology Z 401</td>
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<td>Free Electives</td>
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<tr>
<td>Electives Area I or II core</td>
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Sophomore, Junior, and Senior years are individually planned in consultation with advisor.

**Course Offerings**

#### MT Medical Technology

- **MT 201 Basic Medical Technology (2-0-2)**: The introduction to the basic aspects of theory and practice encountered in the field of medical technology. Even-numbered years beginning 1982.
- **MT 487 Clinical Class and Practice (175 Hr/Sem—700 Hr/Sem—14 Cr)**: Clinical instruction in a hospital school approved and accredited by CAHEA. Prerequisite: Acceptance by a hospital school accredited by CAHEA.
- **MT 488 Clinical Class and Practice (175 Hr/Sem—700 Hr/Sem—14 Cr)**: Clinical instruction in a hospital school approved and accredited by CAHEA. Prerequisite: Acceptance by a hospital school accredited by CAHEA.
- **MT 489 Clinical Class and Practice (32 Hr/Sem—218 Hr/Sem—4 Cr)**: Clinical instruction in a hospital school approved and accredited by CAHEA. Prerequisite: Acceptance by a hospital school accredited by CAHEA.

#### Medical Record Science Program

- **Health Sciences Bldg.**: Phone 208/385-1661
- **Director and Instructor**: Elaine Rockne, RRA; Clinical Coordinator

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**Requirements for Medical Technology Major**

- **English Composition E 101-102**: 6
- **Area I Core Elective**: 12
- **Area II Core Elective**: 12
- **Mathematics M 111**: 5
- **College Chemistry and Laboratory C 131-134**: 5
- **Organic Chemistry and Laboratory C 317-319**: 5
- **Biochemistry and Laboratory C 431-432**: 4
- **General Zoology Z 130**: 5
- **Cell Biology B 225**: 3
- **Bacteriology B 303**: 3
- **Pathogenic Bacteriology B 310**: 4
- **Immunology B 420**: 3
- **General Botany BT 130**: 3
- **Human Physiology Z 401**: 4
- **Health Delivery Systems H 202**: 3
- **Health Science Electives**: 8
- **Electives**: 4

*Two semesters of Biochemistry C 431-432-433 (7 credits) are recommended.*
and Assistant Professor: Carol Seddon, RRA. Advisory Board: Judith Bing, RRA; Pat Brizee, RRA; Patricia Kemper, ART; James Meade, PhD; Lorraine Schimmels, ART; Jana Schoelkopf, ART; Kathy Seeborg, ART; Richard Williams.

Medical Record Technicians are qualified to work in any health care agency where health records are prepared, analyzed, and preserved. Areas of concentration include classifying diseases and operations, analyzing records of discharged patients, compiling statistical information for administration and research, transcribing medical reports and abstracting data for medical care evaluation studies. In addition, students receive training in medical record departments of area health facilities. Students are responsible for their own transportation from BSU to the clinical agencies.

The program offers an Associate of Science degree and is accredited by the American Medical Association Committee on Allied Health Education and Accreditation in collaboration with the American Medical Record Association.

Graduates of the program are eligible to write the national accreditation examination, and upon successful completion of this examination, are recognized as Accredited Record Technicians (ART).

ADMISSION AND APPLICATION PROCESS

Any student who fulfills the University entrance requirements is eligible to enter the first semester of the program.

To continue in the program, students must:
1. Complete the first semester with a GPA of 2.00 or higher.
2. Make an appointment for an interview with the program director before midterm of spring semester of the first year.
3. Fill out and return to the Medical Record Program Office (H-210) a "Special Programs Application for the Department of Allied Health Studies" on or before March 1 of the year in which the student wishes to enter the second year of the program. The application is available in the program director's office. Applicants will be notified of their status by April 25. Due to the small number of available clinical sites, the program can accept only a limited number of students each year.
4. Have adequate health status to ensure successful performance of hospital activities; submit a negative PPD or chest x-ray plus a documented Rubella immunity report to the program before entering the second year.

PROMOTION AND GRADUATION

1. Students must maintain a GPA of at least 2.00 in order to enter the second year of the program.
2. A grade of less than C in any professional course, numbered H or MR, must be repeated and raised to C or higher before continuing in the program.
3. Students who complete all course requirements with a GPA of 2.00 or higher qualify for graduation.

CURRICULUM

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
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<td>English Composition E 101-102</td>
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<td>Intermediate Algebra M 108</td>
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<td>Medical Terminology H 109</td>
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<td>Health Data MR 205</td>
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<td>Total</td>
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<th>SOPHOMORE YEAR</th>
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<td>Medical Records I MR 201, 202</td>
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<tr>
<td>Diagnostic and Operative Coding MR 207</td>
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<tr>
<td>Disease Conditions I H 211</td>
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<td>Health Delivery Systems H 202</td>
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SCHOOL OF HEALTH SCIENCES

Medical Records II MR 203, 204 | 5 |
Health Record Transcription MR 209 | 2 |
Basic Legal Concepts for Health Practitioners H 210 | — |
Disease Conditions II H 212 | 3 |
Intro to Data Processing DP 210 OR First Course in Programming M 122 | 2-3 |

After the successful completion of the professional year at BSU, students will have a three to four-week period of directed practice in one of several affiliated health facilities.

Clinical Practice MR 215 (Summer) | 2 |

COURSE OFFERINGS

MR MEDICAL RECORDS

MR 115 Introduction to Medical Records (3-0-3) (S). Principles of Medical Record Technology, the professional organizations, medical record practitioners, and the content of the hospital chart.

MR 201 Medical Records I (3-0-3) (F). Preparation, analysis, preservation and retrieval of health information. The value of this information to the patient, the doctor, and the community. Prerequisite: MR 115. Corequisite: MR 202.

MR 202 Medical Records I Laboratory (0-4-2) (F). Practice in the various methods of numbering, filing, and retrieving health records. Corequisite: MR 201.

MR 203 Medical Records II (3-0-3) (S). Quality assurance, computer applications, basic principles of surveilling and managing a medical record department. Prerequisite: MR 201. Corequisite: MR 204.

MR 204 Medical Records II Laboratory (0-4-2) (S). Observation of record keeping practices in non-hospital settings, as well as practice in quality assurance and computer activities. Corequisite: MR 203.

MR 205 Health Data (3-0-3) (S). Collection and presentation of routine data for daily, monthly and annual hospital statistical reports. Formulas, preparation of birth certificates and abstracting data for the computer. Prerequisite: PERM/INST.

MR 207 Diagnostic and Operative Coding (3-9-3) (F). Principles and practice in coding diseases and operations according to International Classification. Other systems of coding and methods of indexing included. Prerequisite: PERM/INST.

MR 209 Health Record Transcription (0-4-2) (S). Machine transcription of histories, physical examinations, operations, and other medical dictation. Typing ability is required. Prerequisite: H 110.

MR 215 Clinical Practice (S-V-3) (SU). During the summer following completion of all other program requirements, students spend 120 hours in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology.

RADIOLOGIC TECHNOLOGY PROGRAM

Student Health Bldg. Phone 208/385-1996

Director and Associate Professor: Duane Akroyd, RTR; Clinical Coordinator and Instructor: Rex Profit, RTR; Assistant Professors: Krakor, RTR; Craychee, RTR; Instructor: Munk, RTR; Adjunct Faculty: Champion, RTR; Crew, RTR; Hollingsworth, RTR; Advisory Board: Lyle Barnes, RT; Carolyn Beaman, RT; David Bennett, MD; Cleo Champion, RT; Dean Jacobsen, RT; Donald Rau, MD; Jan Sproat, RT.

To determine the presence of injury or disease, Radiologic technologists position patients and operate X-ray machines to produce diagnostic film (radiographs). Most technologists work in the Radiology Department of hospitals or with doctors who maintain private practices.

The Radiologic Technology Program in the Department of Allied Health Studies offers a curriculum utilizing both University and clinical components. This type of integrated program is needed so that students may gain the essential knowledge and skills required to become Radiologic Technologists.

The program has been granted full accreditation by the Committee on Allied Health Education and Accreditation of the American Medical Association. The curriculum will enable the student to complete the associate degree requirements and be eligible for the national certification examination. If desired, the student may continue on to the Baccalaureate degree.

REQUIREMENTS FOR ADMISSION

A. Freshman Core Year
1. See University Admission Policy.

B. Sophomore Year
1. Only students who have completed or are in the process of completing the freshman curriculum with a GPA of 2.00 or higher will be considered for acceptance into the
SCHOOL OF HEALTH SCIENCES
	sophomore year of the Radiologic Technology Program.
	n. Health status must be adequate to insure successful performance of hospital activities.

APPLICATION PROCESS

A. Freshman Year
1. See University Requirements.

B. Sophomore Year
1. All students must fill out and return to the Radiologic Technology Program office a “Special Programs Application for the Department of Allied Health Studies” on or before March 1 of the year in which they plan to attend the sophomore year.
2. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.
3. Applicants are required to have an interview during the spring semester of the freshman year. Contact the program director for specific dates.

All students admitted to the Radiologic Technology Program are required to:
1. Submit a negative PPD plus a documented Rubella immunity report to the program by September of the year in which the student enters the Sophomore year.
2. Submit $65.00 as prepayment for student name pin, clinical insurance, radiation monitoring badges and markers. This is a one-time charge to be paid by June 15 of the year in which the student enters the Professional program.

PROMOTION AND GRADUATION

1. Students must maintain a GPA of at least 2.50 (in professional courses) for the first semester of the professional program. A GPA of less than the required may constitute removal from the program.
2. A grade of less than a C in any professional theory course is unacceptable.

All students admitted to the Radiologic Technology Program are required to:
1. Maintain a GPA of at least 2.50 (in professional courses) for the first semester of the professional program.
2. A grade of less than a C in any professional theory course is unacceptable.

SUMMER:
Clinical Experience RD 397

BACCALAUREATE DEGREE CURRICULUM

Prerequisite for admission: Each student must have met and satisfactorily completed all requirements for the associate degree in Radiologic Technology at BSU, or have an associate degree in Radiologic Technology and/or related discipline from a comparable college/university program, or have permission from the program director.

SENIOR YEAR:

Intro to Business GB 101
Principles of Management MG 301
Elective (Area II)
Management of Radiology Service RD 400, 401
Imaging Modalities RD 402
Elective (Area I)
Human Resource Management MG 401
Interviewing CM 307
Health Care Delivery Systems H 202
or Medical Economics and Finance H 405
Principles of Education in Health Sciences H 408
Radiographic Quality Assurance

COURSE OFFERINGS

RD RADIOLOGIC TECHNOLOGY

LOWER DIVISION
RD 211 Clinical Practicum (0-3-1) (F). Laboratory demonstration and practice of the radiographic positions and procedures discussed in RD 222. Corequisite: RD 222.
RD 211 Clinical Practicum (0-3-1) (S). Laboratory demonstration and practice of the radiographic positions and procedures discussed in RD 242. Prerequisite: RD 222, RD 211. Corequisite: RD 242.
RD 222 Radiographic Positioning I (4-0-3) (F). The basic concepts and procedures used in obtaining diagnostic radiographs of the upper and lower extremities, chest and abdomen. Corequisite: RD 211.
RD 226 Radiographic Technique and Control (3-0-3) (F). Factors that affect the production of x-ray images: i.e., contrast, density, x-ray film, darkroom chemistry and procedures, cassettes, beam filtration, x-ray tube operation. Prerequisite: Z 111 and Z 112. Corequisite: RD 222.
RD 222 Introduction to Radiologic Science (2-0-2) (F). Introduces student to radiologic technology, medical legal ethics, body mechanics, medical asepsis, vital signs, medical emergencies, catheterization, stents procedures, drug administration and isolation technique.
RD 228 Introduction to Clinical Experience (1-0-1) (F). Introduces the student to hospital and radiology department structure. Various hospital professional and patient interaction skills.
RD 242 Radiographic Positioning II (4-0-3) (S). Continuation of RD 222. The basic concepts and procedures used in obtaining diagnostic radiographs of the digestive and urinary systems, shoulder and pelvic girdles, boney thorax and the spines. Prerequisite: RD 222, RD 211. Corequisite: RD 221.
RD 285 Radiologic Technology Clinical Practicum (5-240-4) (S). Supervised clinical hospital experience. The student must complete 75% minimum of recently taught radiographic exams and a minimum 32 hours in darkroom and office procedures. Prerequisite: RD 238.

UPPER DIVISION
RD 311 Clinical Practicum (0-3-1) (F). Laboratory demonstration and practice of the radiographic positions discussed in RD 316. Corequisite: RD 316.


RD 330 Medical and Surgical Diseases (3-0-3) (G). General survey of various diseases and pathology of the human body as they pertain to radiology. Emphasis on how pathology is demonstrated on radiographs and its effect on radiographic quality. Prerequisite: RD 252, RD 242.

RD 340 Special Radiographic Procedures (4-0-4) (F). Fundamental concepts of the more specialized radiographic examinations with emphasis on studies of the nervous and circulatory systems.

RD 375 Radiologic Technology Clinical Experience (0-260-3) (SU). Supervised clinical hospital experience. The student must complete 75% of recently taught radiographic exams plus 50% continued competency exam list. Prerequisite: RD 385.

RD 385 Radiologic Technology Clinical Experience (0-360-6) (F). Supervised clinical hospital experience. The student must complete a minimum 45% of exams involving the skull, 40% exams in special procedures, and 50% continued competency exam list. Prerequisite: RD 375.

RD 395 Radiologic Technology Clinical Experience (0-380-6) (S). Supervised clinical hospital experience. The student must complete a minimum 40% of special procedures and 50% continued competency exam list. Plus rotation in minor affiliates.

RD 397 Radiologic Technology Clinical Experience (0-280-5) (SU). Supervised clinical hospital experience. Students rotate through several minor affiliates and complete a minimum 20% of continued competency exam list. Prerequisite: RD 395.

RD 408 Management of a Radiology Department (3-0-3) (F). Introduction to the set up and operation of a radiology department including design principles and sources for equipment and supplies. Structural and shielding requirements will be discussed. Prerequisite: RD 401.

RD 401 Management of a Radiology Service (0-3-3) (S). Applied principles and techniques of management and supervision. Includes departmental administration of records, equipment, personnel and budgets. Prerequisite: RD 400, PERM/INST.

RD 402 Imaging Modalities in Radiology (3-0-3) (S). Discussions of various medical imaging modalities, including Xeroradiography, Ultrasonography, C.T., NMR, PET Digital Radiography, Electronic Imaging and Nuclear Medicine. Theory and operational principles will be examined along with economic impact, purchase procedure and use considerations. Prerequisite: PERM/INST.

RD 406 Radiographic Quality Assurance (3-0-3) (S). Provide skills required for conducting and managing a radiographic quality assurance program. Includes demonstrations and performances with the RMI quality assurance kit. Principles and techniques of a daily photographic quality assurance will be introduced. Prerequisite: PERM/INST.

RESPIRATORY THERAPY PROGRAM

2268 University Drive

Director and Assistant Professor: Lorni J. Ashworth, RRT; Clinical Coordinator and Instructor: Keith B. Hopper, RRT; Medical Director: David K. Merrick, MD; Associate Professor: Colby, RRT; Jensen, RRT; Adjunctive Faculty: V. Ashworth, RN; Burger, RRT; Eilkriss, MD; Gable, RCPT; Gossi, RRT; Meade, PhD; Monroe, RRT; Ricks, MD; Sonnenberg, ASCP, Torrington, MD; Adjunct Board: Janaser, RRT; George Burger, RRT; Shirley Gossi, RRT; James F. Hammarsten, MD; Larry K. Kissler; Jody Lester, RRT; James D. McCabe, MD; James Meade, PhD; David K. Merrick, MD; David V. Nuenenberg, RRT; June Penner, MPH RN; William Smith; Kenneth Torrington, MD.

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient's process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and evaluation techniques in respiratory care.

The Respiratory Therapy Program at BSU consists of a three-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of a preprofessional year followed by two years of professional study. Receipt of the Associate of Science degree qualifies the student academically for the examination of the National Board of Respiratory Therapy.

REQUIREMENTS FOR ADMISSION

A. Preprofessional Year
   1. See University Admission Policy.

B. Professional Program
   1. Only students who have completed or are in the process of completing the preprofessional curriculum with a GPA of 2.00 or higher will be considered for acceptance into the Respiratory Therapy Program.
   2. Health status must be adequate to ensure successful performance of hospital activities.
   3. All students admitted to the Respiratory Therapy Program must complete at least 2.50 in professional courses for the first semester of the professional program. A GPA of less than that required may constitute removal from the program.
   4. A grade of less than a C in any professional theory (numbered H, RT) or clinical unit must be repeated and raised to a C or higher.
   5. Students who have completed all course requirements with a GPA of 2.35 or higher (during the professional program) qualify for graduation.

PROFESSIONAL CURRICULUM

FIRST PROFESSIONAL (SOPHOMORE) YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>English E 101-102</td>
<td>3</td>
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<tr>
<td>Human Anatomy and Physiology Z 111-112</td>
<td>4</td>
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<tr>
<td>Essentials of Chemistry C 107</td>
<td>3</td>
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<tr>
<td>Essentials of Chemistry Lab C 108</td>
<td>3</td>
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<tr>
<td>Intermediate Algebra M 106</td>
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<tr>
<td>Medical Terminology H 101</td>
<td>3</td>
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<td>Elective (Area II)</td>
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<td>Elective</td>
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</table>

PROMOTION AND GRADUATION

A. Professional Program
   1. Students must maintain a GPA of at least 2.50 (in professional courses) for the first semester of the professional program. A GPA of less than that required may constitute removal from the program.
   2. A grade of less than a C in any professional theory (numbered H, RT) or clinical unit must be repeated and raised to a C or higher.
   3. Students who have completed all course requirements with a GPA of 2.35 or higher (during the professional program) qualify for graduation.

PREPROFESSIONAL CURRICULUM

All students who are considering entry into the Respiratory Therapy Program must have completed or be in the process of completing the following preprofessional curriculum. The preprofessional curriculum need not be taken at BSU.
SCHOOL OF HEALTH SCIENCES

Electives (Area I, II) ........................................... 3
Pulmonary Function Lecture RT 225 ............. 2
Pulmonary Function Laboratory RT 226 .. 1
Pulmonary Medicine I RT 227 ....... 1
Introduction to Biophysics ............................... 4
Microbiology .................................................. 4

SUMMER:
Electives (Area I, II) ................................. 6

SECOND PROFESSIONAL (JUNIOR) YEAR:
Respiratory Therapy Theory III RT 303 ....... 2
Respiratory Therapy Theory IV RT 323 ....... 2
Respiratory Therapy Lab III RT 304 ....... 1
Respiratory Therapy Lab IV RT 324 ....... 1
Clinical Practicum III RT 308 ....... 4
Clinical Practicum IV RT 329 ............. 6
Radiologic Studies of the Respiratory System RT 305 ....... 1
Pulmonary Medicine II RT 327 ....... 3
Respiratory Cardiology RT 307 ....... 2
Professional Seminar RT 398 ....... 4
Principles of Pharmacotherapeutics RT 301 ....... 3

RT RESPIRATORY THERAPY

LOWER DIVISION
RT 201 Respiratory Therapy Cardiopulmonary Physiology (4-0-4) (F). Normal physiological functions of the pulmonary and circulatory systems. Prerequisite: PERM/INST.
RT 203 Respiratory Therapy Theory I (2-0-2) (F). Medical gas therapy to include clinical gases, gas mixtures and various equipment. Theory and technique of aerosol and humidification therapy; introduction to infection control and cardiopulmonary resuscitation. Prerequisite: PERM/INST.
RT 234 Respiratory Therapy Laboratory I (0-2-1) (F). Medical gas techniques. Prerequisite: PERM/INST.
RT 237 Respiratory Therapy Theory II (1-0-1) (F). Nursing arts which pertain directly to respiratory therapy, including body mechanics, patient lifting and positioning. Prerequisite: PERM/INST.
RT 238 Clinical Practicum I (0-12-3) (F). Experience in the hospital with patients, techniques, and equipment. Emphasis on use of medical gases. Prerequisite: PERM/INST.
RT 299 General Pathology (3-0-3) (F). Human pathology as pertains to systems of defense, modes of injury, diseases of development and function, heart, hematopoietic and lymphoreticular systems, and respiratory system. Prerequisite: PERM/INST.
RT 215 Emergency Procedures in Respiratory Care (1-0-1) (F). Theory and technique necessary in emergency respiratory care. Prerequisite: PERM/INST.
RT 222 Respiratory Therapy Theory II (2-0-2) (S). Principles, application and equipment used for hyperinflation therapy. Therapeutic techniques and applications of chest physiotherapy. In-depth study of hospital infection control including comparative studies and various sterilization and disinfectant techniques. Prerequisite: PERM/INST.
RT 224 Respiratory Therapy Laboratory II (0-5-2) (S). Use of hyperinflation therapy devices and chest physiotherapy. Prerequisite: PERM/INST.
RT 225 Pulmonary Function Lecture (2-0-3) (S). Theory of pulmonary function testing, using simple spirometry, flow-volume loops, closing volumes, nitrogen washout, helium dilution, and body plethysmography. Prerequisite: PERM/INST.
RT 226 Pulmonary Function Laboratory (0-2-1) (S). Practice in pulmonary function testing and techniques. Prerequisite: PERM/INST.
RT 227 Pulmonary Medicine I (1-0-1) (S). Ventilation, perfusion, compliance, resistance and pathophysiology of the lungs. Prerequisite: PERM/INST.
RT 228 Clinical Practicum II (0-12-3) (S). Experience in the hospitals with patients, techniques, and equipment used in hyperinflation therapy and chest physiotherapy. Prerequisite: PERM/INST.

UPPER DIVISION
RT 301 Principles of Pharmacotherapeutics (3-0-3) (F). Principles, practical uses and interactions of drugs and their relationship to disease. Prerequisite: PERM/INST.
RT 303 Respiratory Therapy Theory III (2-0-2) (F). Theory and clinical application of mechanical ventilator including care and management of artificial airways. Prerequisite: PERM/INST.
RT 304 Respiratory Therapy Laboratory III (3-0-1) (F). Practice using mechanical ventilators and suctioning devices. Prerequisite: PERM/INST.
RT 305 Radiologic Studies of the Respiratory System (1-0-1) (F). Presentation and interpretation of respiratory radiographs. Prerequisite: PERM/INST.
RT 307 Respiratory Cardiology (2-0-2) (F). Electrophysiology, stress and static testing procedures, and recognition of cardiac arrhythmias. Prerequisite: PERM/INST.
RT 308 Clinical Practicum III (0-16-4) (F). Experience in the hospital with patients, techniques and equipment as applied to mechanical ventilation and artificial airways. Prerequisite: PERM/INST.
RT 322 Respiratory Therapy Theory IV (2-0-2) (S). Theory and application of techniques and equipment to neonatology and pediatrics. Prerequisite: PERM/INST.
RT 324 Respiratory Therapy Laboratory IV (0-2-1) (S). Use of infant ventilators and specialty techniques pertaining to pediatrics. Prerequisite: PERM/INST.
RT 327 Pulmonary Medicine II (3-0-3) (F). In-depth examination of pulmonary diseases, certain cardiac diseases, and the clinical management of these diseases. Prerequisite: PERM/INST.
RT 328 Clinical Practicum IV (0-24-6) (S). Experience in the hospital with any or all aspects of respiratory therapy. Prerequisite: PERM/INST.
RT 398 Respiratory Therapy Professional Seminar (4-0-4) (S). Focuses on the ethics and mediol-legal aspects of administering a respiratory therapy department. In addition, the problems of budgeting, facilities, personnel, in-service education, record systems, and in interdepartmental relations are considered. Prerequisite: PERM/INST.

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH

Science Bldg. Room 110 Phone 208/385-3929
Chairman and Associate Professor: Dr. Eldon Edmundson; Associate Professor: Elaine Long; Adjunct Faculty: Dawson, Meade; Advisory Board: Dick Adams, Melvin D. Alsager, Randy P. Buchnowski, Robert DesAulniers, James D. Felton, Nancy Ann Goodell, Barbara Gwartney, Jack Jelke, Deborah Moran, Blake Morgan, Donald J. Obee, Jack Palmer, Jack Ross, Robert C. Rychert, Lee Stokes.

Students in this Department study general aspects of human health which are affected by personal, social, and environmental conditions and interaction. Personal health conditions, the interrelationships between personal health and environmental conditions, and existing and future community health programs are all considered.

The Department of Community and Environmental Health offers Baccalaureate of Science degrees in Environmental Health and in General Health Sciences, and a non-degree program in Pre-Dietetics.

Career opportunities for graduates are as follows:
Environmental Health:
Employment with public health agencies
Employment with industries
Employment with local planning and zoning agencies
Attend graduate school in various science disciplines
Attend a professional school in Medicine or other health discipline.

General Health Sciences:
Employment with public health planning agencies
Attend graduate school in various science disciplines
Attend a health professional school in Medicine or other health discipline.
Attend Medical Technology school.

Faculty in the department also advise students who are interested in a health care career but have not yet decided which discipline to enter.

The Department of Community and Environmental Health is affiliated with local, state and federal health agencies throughout the State in order to provide field training.

ENVIRONMENTAL HEALTH
Advisor: Edmundson.

Environmental Health Specialists play an important role in assisting communities to insure a healthful environment. Specific activities may include helping private businesses and public agencies maintain sanitary conditions in food establishments, in recreational facilities, and in public and private water supplies.
Other activities may include assisting communities in properly disposing of solid wastes, controlling undesirable rodent and insect populations, minimizing air, water, and noise pollution, and controlling occupational hazards.

The Environmental Health curriculum provides a broad background in understanding public health problems and in working with people effectively to arrive at solutions to these problems. During the first two years students take general education courses. These may be taken at BSU or at other accredited colleges or universities, with transfer to BSU for the junior and senior years. Students must also spend twenty hours with environmental health agencies prior to beginning their upper level Environmental Health courses.

**BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH DEGREE**

### A. General Requirements (30 Credits):

- **English Composition E 101-102**
- **Electives (Area I)**
- **Psychology P 101**
- **Sociology S 101**
- **Speech CM 111**
- **Sociology, Psychology or Communication Electives**

### B. Professional Requirements

#### Science (57 Credits):

- **College Chemistry C 131-134**
- **Organic Chemistry C 318-319**
- **Cell Biology B 225**
- **Mathematics**
- **General Physics PH 101-102**
- **Bacteriology B 303**
- **Botany/Zoology BT 130, Z 130**
- **Applied & Environmental Microbiology B 415-416**
- **Entomology Z 305**

#### Health Sciences (24 Credits):

- **Water Supply and Water Quality Management EH 310**
- **Air Quality Management EH 380**
- **Community Environmental Health Management EH 320**
- **Public Health Administration H 304**
- **Environmental Health Legislation EH 435**
- **Public Health Field Training EH 350**
- **Occupational Safety and Health EH 415**
- **Epidemiology H 480**
- **Environmental Health Practicum EH 160**

#### Other (3 Credits):

- **Technical Writing E 202**

### C. Suggested Electives (14 Credits):

- **Pathogenic Bacteriology B 310**
- **Human Physiology Z 401**
- **Economics EC 201, 219**
- **Bioecology B 423**
- **Parasitology B 412**
- **Principles of Management MG 301**
- **Physical Geology GO 101**
- **State and Local Government PO 102**
- **Statistics M 361**
- **American National Government PO 101**
- **Data Processing DP 210**
- **Environmental Health Seminar H 496**
- **Communication in the Small Group C 251**

### Suggested Program

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<tr>
<th>1ST SEM.</th>
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<td><strong>FRESHMAN YEAR:</strong></td>
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<tr>
<td>English Composition E 101-102</td>
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<td>Mathematics</td>
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<tr>
<td>Botany B 130</td>
<td>4</td>
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<tr>
<td>Zoology Z 130</td>
<td>5</td>
</tr>
<tr>
<td>Physics PH 101-102</td>
<td>4</td>
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</tbody>
</table>

| **Sophomore Year:** | |
| Botany B 130 | 4 |
| Zoology Z 130 | 5 |
| Physics PH 101-102 | 4 |

**SCHOOL OF HEALTH SCIENCES**

**JUNIOR YEAR:**

- **Organic Chemistry C 318-319**
- **Electives**
- **Health Science Requirements**
- **Cell Biology B 225**
- **Electives (Area I)**

**SENIOR YEAR:**

- **Bacteriology B 303**
- **Applied and Environmental Microbiology B 415-416**
- **Health Science Requirements**
- **Sociology, Psychology or Communication Elective**
- **Entomology Z 305**
- **Electives**

**SUMMER BETWEEN JUNIOR AND SENIOR YEAR:**

- Public Health Field Training EH 350

**COURSE OFFERINGS**

**EH ENVIRONMENTAL HEALTH**

- **EH 180 Environmental Health Practicum (0-V-1) (FS).** Field observations in public health agencies. Requires a minimum 20 hours in the field and periodic seminars with a university instructor. Required for all environmental health majors.
- **EH 310 Water Supply and Water Quality Management (2-3-3) (F).** Engineering, biological and management principles of community water supply and water pollution control. Prerequisite: Math, Chemistry, Upper Division level. Odd-numbered years.
- **EH 320 Community Environmental Health Management (2-3-3) (F).** Sanitation and management practices for community companies dealing with solid waste disposal, vector control, food and milk protection, swimming pools, and recreation activities. Prerequisite: Botany, Zoology, Upper Division level. Odd-numbered years.
- **EH 350 Public Health Field Training (0-V-4) (SU).** Six weeks field study of public health problems, regulations, inspections, and agency programs. Students required to conduct detailed field project. Prerequisite: six credits in Environmental Health courses.
- **EH 380 Air Quality Management (2-0-2) (F).** Chemical, engineering and management principles of community and industrial air quality control. Prerequisite: Organic Chemistry concurrent enrollment. Odd-numbered years.
- **EH 410 Occupational Safety and Health (2-3-3) (S).** Recognition, evaluation, and control of environmental health hazards or stresses (chemical, physical, biological) that may cause sickness, impair health, or cause significant discomfort to employees or residents of the community. Prerequisite: Physics 310-102 and Organic Chemistry concurrent enrollment. Even-numbered years.
- **EH 435 Environmental Health Legislation (2-0-2) (S).** A study of environmental legislation, the implementation and enforcement of such laws, and specific duties of the employee regarding selected sections of the law. Prerequisite: Upper Division standing in science related field or PERM/INST. Odd-numbered years.

**HEALTH SCIENCE STUDIES**

Advisors: Edmundson, Long, Seddon.

The Bachelor of Science degree in Health Science Studies provides a curriculum for students who wish to gain an education in health sciences as a foundation for additional professional or graduate work in several health science professions, (For example: Medicine, Dentistry, Hospital Administration, Medical Technology). Undecided Health Science majors can use the curriculum to obtain the beginning courses until they decide on a major. Those students should work closely with their advisor to ensure that proper beginning courses are taken to meet these other degree requirements.

**BACHELOR OF SCIENCE IN HEALTH SCIENCE STUDIES**

1. Requirements: (79 credits)

- English Composition E 101-102
- Area Core I Requirements
- Area Core II Requirements
2. Science Electives (6 courses, 22-23 credits)

3. Health Science Electives (4 courses, 11-13 credits)

4. Free Electives (13-16 credits)

Suggested Program

1ST SEM. 2ND SEM.

FRESHMAN YEAR:

English Composition E 101-102 .................. 3 3
College Chemistry C 131, 132, 133, 134 ....... 5 5
Mathematics M 101, M 204 .................. 15 16
Electives (Area I) .......................... 3 3

SOPHOMORE YEAR:

Botany B 130 .................................. 4 4
Zoology Z 130 .................................. 5
Science Elective ................................ 4 4
Health Delivery Systems H 202 .............. 3 3
Electives (Area I) .......................... 3 3
Elective (Area II) .......................... 3 3

JUNIOR YEAR:

Organic Chemistry C 317-320 ................. 5 5
Free Electives ................................ 3 3
Health Science Electives ..................... 3 3
Cell Biology B 225 ............................. 3 3
Science Electives (Area I) ..................... 3 3

SENIOR YEAR:

Bacteriology B 303 .............................. 5
Physiology Z 401 or 409 ..................... 7
Science Electives .............................. 3

Immunology .................................. 3
Free Electives ................................ 7

COURSE OFFERINGS

H HEALTH SCIENCES

LOWER DIVISION

H 109 Introduction to Allied Health (1-0-1) (F). Various allied health disciplines and their clinical functions are discussed. Information on basic educational requirements, opportunities for advancement in each discipline, and methods of health care delivery. Lectures by allied health faculty and guest speakers from the community. Orientation to allied health care in clinical facilities.

H 101 Medical Terminology (3-0-3) (FS). An introduction to Greek and Latin prefixes, roots and suffixes used in medical terminology, as well as in the study of anatomical, physiological and pathological terms according to systems of the body. Recommended as a beginning course for those with little or no biology background.

H 109 Drugs: Use and Abuse (3-0-3) (S). An introductory course which deals with the basic medical, social and psychopharmacological considerations related to the use of therapeutic and nontherapeutic (recreational) drugs. Even-numbered years.

H 302 Health Delivery Systems (3-0-3) (F). Consideration of processes, professionals, politics, programs, laws and institutions which are involved in the maintenance of health and treatment of disease.

H 201 Chronic Illness: Impact and Outcome (3-0-3) (S). Introduction to the medical and psychosocial dimensions of chronic illness, using cancer as a prototype. Prerequisite: sophomore standing or PERM/INST. Even-numbered years.

H 207 Nutrition (3-0-3). Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed.

H 304 Principles of Food Preparation (2-4-4) (F). Interrelationships of the nutritive value of foods, principles of food preparation, and the human body. Approved techniques of food preparation to retain nutrients and enhance palatability and safety and sanitary practices, and food management will be stressed. Prerequisite or Corequisite: H 207.

H 310 Basic Legal Concepts for Health Practitioners (3-0-3) (S). Designed to acquaint students preparing for careers in nursing, allied health, or related health service professions with a knowledge of basic legal concepts which are essential for safe and responsible health care practice.

H 312 Disease Conditions I and II (3-0-3) (FS). Introduction to the general principles of disease. Etiology, signs, symptoms, treatment and management of diseases that affect individual organs in the various body systems. Prerequisite: H 101. Sequence beginning fall semester.

H 301 Environmental Health Colloquium (1-0-1) (FS). A discussion of environmental health management problems and concepts. Special emphasis on why problems occur and ways to develop community support in solving problems. May be repeated once for credit.

UPPER DIVISION

H 206 Applied Pharmacotherapeutics (3-0-3) (S). Emphasis on use of drugs in relation to health and illness in any setting, on legal aspects, and on patient education. Students will be expected to use prerequisite information in pharmacology to study drugs and their interrelationship. Prerequisite: H 101. Even numbered years.

H 304 Public Health Administration (3-0-3) (F). Functions of local, state and federal health agencies, and factors which have an impact on agency programs. Prerequisite: Upper division standing and health science major or PERM/INST. Even numbered years.

H 208 Pathophysiology (4-0-4) (F). Emphasis on dynamic aspects of human disease. Disruption of normal physiology and alterations, derangements, and mechanisms involved. Prerequisites: C 107-110 or equivalent and C 101-112 or equivalent.

H 304 Pathophysiology (3-0-3) (F). Emphasis on use of drugs in relation to health and illness in any setting, on legal aspects, and on patient education. Students will be expected to use prerequisite information in pharmacology to study drugs and their interrelationship. Prerequisite: H 206. Even-numbered years.

H 305 Medical Economics and Finance (3-0-3) (F). Consideration of processes, professionals, politics, programs, laws and institutions which are involved in the maintenance of health and treatment of disease. Present day problems in finance of health care and health care agencies. Odd numbered years.

H 306 Principles of Food Preparation (2-4-4) (S). Emphasis on use of drugs in relation to health and illness in any setting, on legal aspects, and on patient education. Students will be expected to use prerequisite information in pharmacology to study drugs and their interrelationship. Prerequisite: H 101. Even numbered years.

H 307 Human Sexuality for Health Professionals (3-0-3) (F). For students in variety of health related areas. Emphasis on biological, sociological aspects of sexuality. Value systems examined in relation to delivery of effective, holistic health care by individuals, providers and by the total health care delivery system. Prerequisite: Health-related professional or PERM/INST. Even-numbered years.

H 309 Medical Economics and Finance (3-0-3) (S). Emphasis on use of drugs in relation to health and illness in any setting, on legal aspects, and on patient education. Students will be expected to use prerequisite information in pharmacology to study drugs and their interrelationship. Prerequisite: H 101. Even numbered years.

H 310 Applied Pharmacotherapeutics (3-0-3) (S). Emphasis on use of drugs in relation to health and illness in any setting, on legal aspects, and on patient education. Students will be expected to use prerequisite information in pharmacology to study drugs and their interrelationship. Prerequisite: H 101. Even numbered years.

H 311 Human Sexuality for Health Professionals (3-0-3) (F). For students in variety of health related areas. Emphasis on biological, sociological aspects of sexuality. Value systems examined in relation to delivery of effective, holistic health care by individuals, providers and by the total health care delivery system. Prerequisite: Health-related professional or PERM/INST. Even-numbered years.

H 405 Medical Economics and Finance (3-0-3) (F). Introduction to the economics and financing of health care and health care agencies. Odd numbered years.

H 406 Principles of Education in Health Sciences (3-0-3) (S). Introduces the student to the concepts and practical applications of educational theory as applied to health occupations. The techniques of the course will examine preservice health education, in-service education, continuing education, and community health education.

H 408 Epidemiology (3-0-3) (S). Study of the distribution of disease or physiological conditions of humans, and of factors which influence this distribution. Prerequisite: Upper division status, health science major or PERM/INST; statistics desirable. Even numbered years.

H 409 Preprofessional Internship (1-3-2) (FS). Three hours of internship in a clinical setting under direction of a preceptor who is a practicing professional. Student keeps a record of experiences and discusses them at a weekly one-hour seminar. Prerequisite: H 208. Upper division standing, cumulative GPA above 3.25, recommendation of faculty advisor; consent of instructor.
PRE-DIETETICS PROGRAM
Advisor: Long.

Boise State University does not offer a Bachelor of Science degree in Dietetics. However, Boise State University will advise students who want to take the basic courses at Boise State and transfer to another college to complete the Bachelor of Science requirements. The following curriculum serves as a suggested program for the Freshman and Sophomore years.

PRE-DIETETICS PROGRAM
(Suggested Program)

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<th>FRESHMAN YEAR:</th>
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<td>1ST SEM.</td>
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<td>Essentials of Chemistry C 107, 108, 109, 110</td>
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<td>English Composition E 101-102</td>
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<td>Human Anatomy &amp; Physiology Z 111, 112</td>
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<td>Psychology P 101</td>
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<td>Sociology SO 101</td>
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<tr>
<td>Physical Education Activity</td>
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<th>SOPHOMORE YEAR:</th>
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<tr>
<td>Nutrition H 207</td>
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<td>Principles of Food Preparation H 209</td>
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<tr>
<td>Elective</td>
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<tr>
<td>Math M 108 or M 111</td>
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<td>Microbiology B 205</td>
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<td>Technical Writing E 202</td>
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<tr>
<td>Cultural Anthropology AN 102</td>
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<td>A First Course in Programming M 122</td>
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<tr>
<td>Economics E 201 or 202</td>
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DEPARTMENT OF NURSING

Department Chairman/Director of Baccalaureate Nursing Program: Phone 208/385-3900
Science-Education Bldg., Rm 111
Associate Degree Faculty: Phone 208/385-3907
Science Education Bldg., Rm 107
Baccalaureate Degree Faculty: Phone 208/385-1767/1768
Health Science Bldg., Rm 107
Chairman/Director of Baccalaureate Nursing Program: Vacant; Assistant Chairman, Director of Associate Degree Program, and Associate Professor: Mildred Wade; Project Director, Continuing Education in Nursing: Inger Lindholm; Associate Professors: Farham, Fleming, Fountain, Matson, Penner, Taylor, Wilcox; Assistant Professors: Baker, Carpenter, Hart, Job, Johnson, Lynch; Instructors: Brudenell, Eno, Jablonski, Peterson, Wimmer, Wise; Advisory Board: JoAnna DeMeyer, Gene Hansen, Dorothy Krawczyk, Laura Larsson, Jacqueline Mason, Katherine Nelson, Mary Nelson, Celeste Rush, Ellen Smith, Bonnie J. Sumter, Ann Young.

INTRODUCTION

The Boise State University Department of Nursing operates as an integral unit of the total University. Students enrolled in nursing attend classes and socialize with students in various other fields of study on campus.

The Department conducts a two-year, lower division curriculum leading to an Associate of Science in Nursing Degree. This program prepares students to write the National Council Licensure Examination for initial licensure as a Registered Nurse. The Department also offers a two-year, upper division curriculum for RN's to continue academic study and to obtain a Bachelor of Science in Nursing Degree.

PHILOSOPHY

The current system of health care delivery requires associate as well as baccalaureate degree-prepared practitioners of nursing. Each of these two groups contributes to meeting the nursing and health care needs of man. The associate degree-prepared nurse functions primarily in a dependent role while the baccalaureate-prepared nurse functions primarily in an independent role. Both levels of nursing personnel function as interdependent members of the health care team.

It is recognized that a number of graduates from diploma and associate degree programs in nursing do change career goals. Therefore, a baccalaureate level education program in nursing is deemed essential to support this change.

LOWER DIVISION ASSOCIATE DEGREE

DESCRIPTION

This program prepares individuals to function at a beginning level in giving care to patients. Nursing courses include theory and clinical laboratory experiences, primarily in hospitals and other acute care settings. In the clinical component of each nursing course, one credit hour represents three hours of clinical and/or campus laboratory time. During the freshman year, there is an average weekly number of nine to twelve clinical practice hours and during the sophomore year, twelve to fourteen hours per week, which may be scheduled days, afternoons, or evenings, between the hours of 6:30 a.m. and 11:30 p.m.

The program is approved by the Idaho Board of Nursing and accredited by the National League for Nursing. The graduate is eligible to write the National Council Licensure Examination to become a Registered Nurse (R.N.).

PHILOSOPHY

The associate degree-prepared nurse practices primarily in formally organized health care agencies providing direct care for individuals with identified health problems whose nursing needs fall within prescribed standards of care. The associate degree graduate is expected to seek guidance from supervisory personnel in making decisions concerning complex nursing situations and in making referrals to other health agencies.

The curriculum includes courses in general education as well as nursing. General education courses provide support knowledge for nursing courses. The nursing courses utilize the nursing process as a system of learning. Content is focused on the identified basic health needs of all individuals. A planned program of clinical practicum in health care agencies is the major learning experience in the application of theoretical content and in the development of clinical nursing skills.

ADMISSION, APPLICATION, AND ENROLLMENT

ADMISSION REQUIREMENTS

Students enter the Associate Degree Nursing Program in the fall semester. The number of students admitted each year depends upon the availability of personnel and clinical resources in the community.

Applicants must meet the general University requirements as well as the stated requirements for the Associate Degree Nursing Program in one of the four categories listed below:

1. High school graduates will be considered for admission on the basis of ACT or SAT scores and a GPA of 2.75 or above at the completion of the 12th semester of high school.

   ACT: A composite standard score of not less than 20, plus a 70th percentile rating.

   SAT: Total score of at least 888.

2. College students who have earned a minimum of 12 semester college credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 2.75 GPA or better earned in those college courses, provided the applicant has earned a grade of "C" or better in any general education courses required in the Associate Degree Nursing Program.

3. Transfer students from other collegiate (AD or BS) schools of nursing to the Associate Degree Nursing Program at BSU are
SCHOOL OF HEALTH SCIENCES

required to submit applications and meet the admission requirements according to the appropriate category and standards as outlined in paragraphs 1 and 2 above. In addition, a recommendation from the applicant’s previous school of nursing is required. Admission is always dependent upon availability of space in the courses the applicant’s need for completion of the program.

4. Licensed practical nurses and diploma school of nursing transfer students may apply for advanced placement as sophomore nursing students by meeting the following criteria:
   a. submit an official record of practical nursing education,
   b. submit current evidence of licensure (L.P.N.),
   c. complete N 114, Orientation to Associate Degree Nursing, during the fall semester of the year prior to the year of planned enrollment in the sophomore nursing courses,
   d. complete all freshman general education courses which are prerequisites to sophomore nursing courses with a GPA of 2.75 or better as well as a grade of C or better in required general education courses,
   e. pass the required ACT proficiency exams with a score of 45 or better:
      1. Nursing Health Care
      2. Commonalities in Nursing I
      3. Commonalities in Nursing II
      4. Maternal Child Nursing—Associate Degree Level
   f. pass the freshman level clinical performance evaluation given during the spring semester only.

APPLICATION PROCESS

1. Make application for admission to BSU and the Department of Nursing, Associate of Science in Nursing Degree Program. Both application forms are available in the Administration Building, Room 101.

2. Submit an official high school transcript or GED test score (50 or above), ACT or SAT scores, and official transcripts of all previous college work. LPN’s applying for advanced placement must also submit evidence of previous education as well as of current licensure. This evidence must be received by the Admission Office prior to March 1 preceding the fall in which enrollment is planned.

3. Complete all application requirements during the period of September 1 to March 1 prior to the date of anticipated enrollment in nursing courses.

4. Late applications will be accepted only if space is still available in the nursing program.

Following acceptance into the ADN program, all applicants must:

1. Submit a statement from a physician that the applicant possesses the mental and physical health to meet the requirements of being an active and a successful student in the program as well as for being employed in the practice of nursing following graduation.

2. Submit a negative PPD or a chest X-ray plus a documented Rubella immunity report to the Associate Degree Nursing Program.

3. Submit $75.00 non-refundable prepayment for student name pin, uniform badge, malpractice insurance, and standardized National League for Nursing examinations. Required of all students throughout the program. This is a one-time charge upon admission to the program.

PROGRESSION

The standard for advancement in the program is a 2.75 GPA or above as well as a minimum grade of C in all required general education and nursing courses. Theory courses in nursing and required general education may be repeated only once. Clinical courses in nursing may not be repeated.

FULL-TIME NURSING STUDENT
(Suggested for those students who do not plan to work part time)

<table>
<thead>
<tr>
<th>FIRST YEAR:</th>
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PART-TIME NURSING STUDENT
(Suggested for those students who do not have a strong background in High School Sciences and/or who plan to work part time)

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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Essentials of Chemistry C 107-108</td>
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<tr>
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<td>Nutrition H 207</td>
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ADVICE

The Associate of Science Degree may be completed in 4 semesters as shown above, however, students’ needs and goals may indicate a 3 year approach to the program. Advisement, therefore, is essential and it is the student’s responsibility to seek faculty assistance.

UPPER DIVISION

BACCALAUREATE DEGREE

DESCRIPTION

This program has two major purposes:

1. To enable registered nurses to earn the baccalaureate degree with a major in nursing.

2. To provide the base for graduate study in nursing.

Admission to this program is limited to registered nurses graduated from associate degree or diploma schools of nursing who meet admission requirements.

Graduates are awarded the Bachelor of Science degree with a major in Nursing and will be prepared for independent, collaborative, and leadership responsibilities in the delivery of health care services. Graduates are prepared for first-level positions in community health nursing. The program is approved by the Idaho State Board of Nursing and accredited by the National League for Nursing.
PHILOSOPHY

Professional nursing education includes both general education and nursing components. General education components provide knowledge of the Humanities, Social, and Physical Sciences. The curriculum focuses on dynamic states of health as well as illness of individuals, families, and the community and on designing alternatives in coping with changes in that status. Further, the professional nursing curriculum promotes refinement and development of nursing practice through utilization and evaluation of nursing research, as well as by the employment of theoretical and empirical knowledge derived from general education. This curriculum facilitates the development of collegiality, collaboration and consumer advocacy.

Professional nursing emphasizes the promotion and restoration of health and the prevention of illness through utilization of the nursing process. This process includes activities of assessment, planning, intervention and evaluation in health care delivery. In applying nursing process, the professional nurse demonstrates the art of clinical judgment — the capacity to think critically as a basis for selection, implementation and evaluation of strategies to meet health care needs of individuals, families, and the community. The professional nurse is prepared to provide health care services ranging from simple to complex for individuals, families and groups of all ages and in a wide variety of settings. The professional nurse understands the dynamics of small and large groups and utilizes communication skills which facilitate effective functioning.

The current demand for improved health care requires the professionally prepared nurse. This individual must be able to: (1) accept responsibility and accountability for his/her own actions; (2) critically analyze and respond to emerging scientific and humanistic advances in knowledge and the potential for implementation in the health care delivery system; and (3) participate in identifying health care trends, predicting health care needs in a changing society, and in developing new nursing roles and strategies for meeting those needs.

PRE-ENTRANCE ADVISEMENT

Potential applicants should contact the program office to obtain advisement as far in advance of their application date as is possible. Revision of admission qualifications or application procedures, as well as year-to-year variations in the scheduling of courses, will have implications for the potential student's academic plans. By establishing early contact with the program advisors, the potential student will be kept advised of such changes so that the student is able to plan more effectively to ensure eligibility for admission by the date which the potential student desires.

The potential student must take the initiative for contacting a program advisor. This is best done immediately following the initial request to the Admissions Office for information about the program. During this time when the student is attempting to qualify for admission, the program advisor will provide academic advisement. Candidates for admission who fail to utilize this service, or who apply too late to receive pre-entrance advisement, run the risk of discovering that they have not completely qualified for admission by the date which they have chosen.

ADMISSION, APPLICATION AND ENROLLMENT

To qualify for admission, applicants must:

1. Possess current license as a registered nurse and secure Idaho licensure prior to enrollment in upper division nursing courses.
2. Have maintained a GPA of 2.75 or better in 37-41 semester credits in general education courses, including the following:
   a. English Composition E 101-102 ........................................... 3 or 6
   b. Microbiology B 205 .......................................................... 3
   c. Nutrition H 207 ............................................................... 3
   d. Behavioral Science (Area II) P 101, SO 101 ......................... 6
   e. Humanities (Area I) .......................................................... 6
   g. Human Anatomy and Physiology Z 111-112 ........................ 8
3. Have passed the required theoretical and clinical nursing tests (information on these tests is available from the Baccalaureate Program Office).

To apply for admission, the applicant must:

1. Request from the Admission Office an application to the University (if not previously admitted) and the special application form for the Baccalaureate Nursing Program.
2. Have completed the following actions by March 1, preceding the fall semester in which enrollment in upper division nursing courses is planned:
   a. Return completed application forms to the Admissions Office.
   b. Submit transcripts from all institutions of higher education which candidate has attended. It may take 6-8 weeks for transcripts to be processed and mailed so adequate time should be allowed. Graduates of diploma schools of nursing who took college courses in conjunction with their nursing program must submit transcript(s) from college(s) attended. The nursing school transcript, even though it lists such courses, cannot be used as an official record of courses completed in institutions of higher education.
   c. Have taken, or are to take, the required nursing tests as described under Item 3, Qualification for Admission.

To qualify for enrollment, the candidate must:

1. Return the form indicating intent to enroll. This form is sent to the candidate when he/she is notified of acceptance in late April or early May. Failure to complete and return the form by the required date will result in removal of the candidate's name from the listing of students to be admitted that fall.
2. Arrange to attend an orientation session usually lasting half a day and scheduled immediately prior to registration for the fall semester. Accepted students will be notified not later than May 31st regarding the time and place of this meeting. The Baccalaureate Program Student Handbook will be distributed at this meeting.
3. Secure malpractice insurance so that insurance is in force prior to enrollment in any nursing courses with a clinical practical.
   a. For full-time students, insurance will be needed at the beginning of the spring semester of the junior year and thereafter throughout the program.
   b. For students who plan to complete the junior year on a part-time basis, insurance will be needed until the spring semester of the second year of enrollment and thereafter throughout the program.

Failure to have the necessary insurance in force at the time it is required will render the student ineligible to enroll in any nursing course with a clinical practical. This will almost certainly result in delaying anticipated graduation. Information concerning sources of malpractice insurance will be provided at the orientation meeting held immediately prior to registration for the fall semester of the Junior year.
4. Have completed all requirements for admission prior to entering the first semester of the nursing program in the fall. This regulation applies to candidates who are given conditional admission, pending completion of requirements.

General information regarding admission, application and enrollment:

1. Candidates should apply by the March 1 deadline even if they have course work to complete prior to their anticipated enrollment in the fall semester of that year. If it appears that they will have completed requirements in time for fall enrollment, then a conditional admission will be granted, pending completion of requirements by the time of anticipated enrollment.
2. Late applications will be accepted if vacancies still exist in the class to be admitted. Such applications will be considered in the order in which they are received by the Director of the Baccalaureate Nursing Program.
3. Enrollment is regulated according to available faculty, clinical facilities and other resources. If more fully qualified can-
didates have applied by March 1 than can be admitted, those candidates will be ranked according to the GPA and admission will be granted in order to those with the higher GPA. Remaining fully qualified applicants will be placed on a waiting list. As vacancies occur in the list of admitted students, the next candidate on the waiting list will be granted admission. Conditionally qualified applicants will be considered for admission only after all candidates who are fully qualified by March 1 have been admitted.

4. Candidates are not required to have had a specified period of work experience; however, they are strongly advised to have had one year of nursing practice within the two-year period immediately preceding anticipated enrollment in the Baccalaureate Nursing Program. General staff nursing practice is recommended for those who have recently obtained licensure or who have not been actively engaged in nursing during the two years immediately preceding anticipated enrollment.

5. Students are expected to provide their own transportation to clinical agencies when enrolled in a nursing course with a clinical practicum. For full-time students this will begin in the spring of the junior year and continue throughout the remainder of the program. For students who take the junior year on a part-time basis, this will begin in the second spring semester of enrollment in the nursing program and continue throughout the remainder of the program.

**PROGRESSION AND GRADUATION**

In order to progress through the program and qualify for graduation, students must meet all University requirements for the BS degree as well as the requirements for the nursing major, including required support courses. A GPA of 2.75 or better must be maintained and all nursing and support courses must be completed with a grade of C or better. Students may repeat, once only, theory and simulated practicum courses in nursing and required support courses. The clinical practicum of any nursing course may not be repeated if a grade of D or F was earned.

Students whose GPA falls below 2.75 or who receive less than a C in the simulated and practicum courses in nursing or in required support courses may be eligible for academic probation. Probation for one semester only will be considered by the faculty if, in their opinion, probation is warranted based upon the individual student’s circumstances. Failure to achieve the required grade or GPA by the end of the one probationary semester automatically disqualifies the student from further study in the Baccalaureate Nursing Program. Probation will be granted only once. In cases which require probation for a year because the necessary course is not available in the semester immediately following that in which the academic deficiency was incurred, the faculty may grant probation for that period of time; however, the student may be required to delay progression in the nursing curriculum until the deficiency has been removed.

Ordinarily, the full-time student who carries 15-16 credits per semester can anticipate completing the program in two years. Depending upon the availability of courses when needed, attendance at summer school may be necessary in some cases to complete core curriculum requirements in Areas I, II, III as specified by the University.

In order to maintain the educational quality of the program and to protect students from losing credits as a result of changes in curriculum, academic policies, part-time students are subject to some regulations as follows:

1. They must complete degree requirements within four years from the initial enrollment in 300 level nursing courses.
2. They must maintain continuous enrollment in nursing courses for both fall and spring semesters.
3. They must follow the prescribed sequencing of nursing courses for part-time students.
4. All 300 level nursing and required support courses must be completed before enrollment in any 400 level nursing courses.

A waiver of any one of these regulations may be granted, upon petition to the faculty, for appropriate reasons such as, but not restricted to, illness, academic probation, and family emergencies. The faculty advisor will assist students to prepare petitions.

Progression in the program is carefully monitored by faculty advisors. Each student who is admitted to the program is given an assigned advisor and the student is expected to confer with this advisor at least once a semester in order to evaluate his/her progress in the program and to plan registration for the next semester. Advisors are also available to students for general academic counseling during fall and spring semesters. Office hours are posted on each faculty member’s door.

The assigned advisor is the first person the student should consult regarding problems relevant to progress in the baccalaureate nursing curriculum. If the advisor is unable to help the student resolve a problem, the advisor will refer the student to another resource person. The advisor and student share the responsibility for monitoring the student’s progression in the program so that graduation requirements are met.

Further information can be obtained by writing to: Baccalaureate Program in Nursing, Boise State University, 1910 University Drive, Boise, ID 83725, Phone (208) 385-1767.

**CURRICULUM**

This section contains programs for both full-time and part-time students, as well as course descriptions. Full-time students should be able to complete the program in two years. Students who attend part-time throughout their entire program should complete the curriculum in four academic years and the sequence given for nursing and required support courses must be followed. Students who wish to attend full-time for one year and part-time for another year must follow the required sequence for nursing courses when attending part-time. All 300 level nursing and required support courses must be completed before 400 level nursing courses may be taken.

**FULL-TIME STUDENT**

(Suggested Program)

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<th>JUNIOR YEAR:</th>
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<td>Professional Nursing N 302</td>
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<td>Professional Interactions N 308</td>
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<td>Pathophysiology H 300</td>
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<td>Family and Group Interactions N 328</td>
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<td>Practicum: Family/Group Interactions N 329</td>
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<tr>
<td>Health-Illness II N 362</td>
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<td>Area I/II/III Core Elective</td>
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| SENIOR YEAR: | | |
|--------------| | |
| Nursing in the Community N 410 | 2 | — |
| Practicum: Nursing in the Community N 411 | 2 | — |
| Health-Illness III N 430 | 2 | — |
| Practicum: Health-Illness III N 431 | 3 | — |
| Area I/II/III Core Electives | 6 | — |
| Professional Nursing N 402 | — | 2 |
| Families & Groups Under Stress N 408 | — | 2 |
| Practicum: Families & Groups Under Stress N 409 | — | 2 |
| Health-Illness IV N 432 | — | 2 |
| Practicum: Health-Illness IV N 433 | — | 2 |
| Area I/II/III Core Electives | — | 6 |
| — | 15 | 16 |
PART-TIME STUDENT
(Suggested Program)

FIRST YEAR:

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<td>Pathophysiology H 300</td>
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<tr>
<td>Sociology of the Family SO 340</td>
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SECOND YEAR:

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<tr>
<td>Practicum: Family &amp; Group Interactions N 328</td>
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THIRD YEAR:

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<td>Families &amp; Groups Under Stress N 408</td>
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<td>Practicum: Families &amp; Groups Under Stress N 409</td>
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FOURTH YEAR:

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<td>Practicum: Health-Illness IV N 433</td>
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NURSING

N 114 Orientation to Associate Degree Nursing for Advanced Placement Student (1-0-1) (F). Required for LPNs who wish to challenge freshman level AD nursing courses. Focuses on the necessary changes in role from LPN to RN and the theoretical basis of nursing practice.

N 140-141 Introduction to Basic Health Needs (2-0-2) (0-0-2) (F) 8 week unit. Introduces nursing process and seven basic health needs for oxygen, nutrition, elimination, activity, mental health, safety and comfort, as a basis for providing nursing care. Opportunity is provided to develop beginning skills. Prerequisite: Admission to nursing major.

N 150-151, 150-151, 170-171 Basic Health Needs (2-0-2) (0-0-2) 8 week unit. Nursing process is utilized to meet basic health needs as related to health care of persons of all ages in hospitals and health agencies. Opportunity is provided to develop skills in providing nursing care. Prerequisite: N 140-141. May be taken in any sequence.

N 251 Nursing Practicum (0-2-2). This elective course provides a concentrated period of clinical experiences in health care agencies for sophomore nursing students to extend learning on an individual basis. Prerequisite: Sophomore in ADN program.

N 220-221 Deviations From Basic Health-Related to Mental Health (2-0-2) (0-0-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on mental health/mental illness of persons of all ages. Provides opportunity to develop skills in the care of patients in a mental health unit and other acute care settings. Prerequisite: Sophomore in ADN program.

N 230-231 Deviations From Basic Health-Related to Oxygen (2-0-2) (0-0-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on oxygen need for persons of all ages. Provides the opportunity to develop skills in hospital medical-surgical area with specific reference to psychophysiological assessment and nursing care planning for patients with oxygen deficiency. Prerequisite: Sophomore in ADN program.

N 240-241 Deviations From Basic Health-Related to Nutrition and Elimination (2-0-2) (0-0-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on basic need for nutrition and elimination for persons of all ages. Provides opportunity to develop skills in the nursing care of patients in the pediatric and medical-surgical areas. Prerequisite: Sophomore in ADN program.

N 250-251 Deviations From Basic Health-Related to Activity (2-0-2) (0-0-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on the basic need for activity for persons of all ages. Provides opportunity to develop skills in nursing care of patients in the medical-surgical and rehabilitation areas. Prerequisite: Sophomore in ADN program.

N 280-290 Nursing Seminar (1-0-1). Philosophy of health care and the role of the graduate as a registered nurse. Ethical and legal implications and other factors affecting nursing practice are discussed. Prerequisite: Sophomore in ADN program.

JUNIOR YEAR

N 322 Professional Nursing I (2-0-2) (F). Theoretical and historical perspectives in nursing. Roles and characteristics of the professional nurse today. Conceptual foundations of professional nursing. Exploration of leadership styles and issues in nursing. Identification of individual professional goals. Prerequisite: Admission to BSN program.

N 328 Professional Interactions (2-0-2) (F). Theoretical base for communication in professional nursing practice, emphasizing assertiveness, therapeutic communication, group process and leadership in groups. Prerequisite or corequisite: N 390. Corequisite: N 300, 308.


N 360 Health-Illness I (2-0-2) (F). Theoretical base for nursing practice from developmental, systems, stress-adaptation and high-level wellness categories of theories. Overall perspective on biopsychosocial adaptation by individuals throughout major phases of life cycle. Focus on assessment of individual health status/potential. Prerequisite or corequisite: N 302, H 300. Corequisite: N 361, 368.


N 362 Health-Illness II (2-0-2) (S). Application of theoretical base for nursing practice to children through adolescence and child-bearing families to help them achieve/maintain health. Emphasis on assessment of biopsychosocial stresses and adaptive requirements as basis for planning care. Prerequisite: N 360, 360, SO 340. Prerequisite or corequisite: N 390, N 393, N 362.


N 396 Nursing Research (2-0-2) (S). Introduction to research concepts, research process and selected approaches to health care research. Practice in defining researchable problems, processing qualitative data, and evaluating research findings for application to nursing practice. First 8 weeks of the semester. Prerequisite: N 302. Corequisite: N 391.


SENIOR YEAR

N 402 Professional Nursing II (2-0-2) (S). Leadership role of professional nurse in improvement of health care services and advancement of nursing profession. Emphasis on emerging nursing roles and issues and trends which affect nursing. Examination of individual goals relevant to professional commitments. Prerequisite: N 430. Corequisite: N 432, Pre- or Co-requisite: N 408.

N 408 Families and Groups Under Stress (1-0-1) (F). Theoretical base for application of nursing process to facilitate adaptation of individuals, families and groups to complex mental health and psychiatric problems. Emphasis on therapeutic communication. Prerequisite: N 410. Corequisite: N 400.


N 410 Nursing Research (0-2-2) (F). Theoretical and historical perspectives on community problems in relation to professional nurse roles. Application of nursing process in assessing communities to identify needs as a basis for planning improved health care service. Prerequisite: All 300 level nursing and support courses. Corequisite: N 411.


N 420 Health—Illness III (2-0-2) (F). Application of theoretical base for nursing practice to individuals of all ages and families to facilitate their adaptation to life-threatening illnesses/trauma. Continuing use of nursing process with emphasis on implementation and evaluation of care. Pre or Corequisite: N 410. Corequisite: N 410.


N 422 Health—Illness IV (2-0-2) (S). Application of theoretical base for nursing practice to individuals of all ages and families to facilitate their adaptation to chronic illness. Continuing use of nursing process with emphasis on implementation and evaluation of care. Pre or Corequisite: N 410. Corequisite: N 420.


SCHOOL OF HEALTH SCIENCES
The Preprofessional Studies Department has responsibility to those students who intend to apply to a professional school in one of the Health Sciences, particularly those who have declared a major in pre-Medicine, pre-Dentistry, pre-Dental Hygiene, pre-Occupational Therapy, pre-Optometry, pre-Pharmacy, pre-Physical Therapy, pre-Veterinary Medicine, and pre-Chiropractic, etc.

In view of the specialized nature of each program the student should seek regular counsel from the advisor who has been designated for his or her major field of interest. A handbook for preprofessional students is available from the advisors and should be used as a reference.

Students who intend to apply to professional schools should be aware of deadlines established by the professional schools and testing organizations for submitting application materials and taking admissions examinations. Medical College Admission Testing, Dental Admission Testing, Dental Hygiene Aptitude Testing, Pharmacy College Admission Testing, and the Graduate Record Examination for Veterinary Medicine schools must be taken at specific times. These examinations may or may not be administered on BSU campus. Deadlines change from year to year. The student is responsible for ascertaining from the appropriate advisor the specific deadlines and fees which pertain to the application process and admission testing for the particular program.

In addition to their academic coursework the Preprofessional Studies students have opportunities and are encouraged to work and observe at first hand the practice and delivery of health care in a clinical environment.

Qualified students may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, or veterinarian, etc.

Pre-Dentistry with Biology or Chemistry options
Pre-Medicine with Biology or Chemistry options
Pre-Veterinary Medicine

Non-degree programs:
Pre-Dental Hygiene
Pre-Occupational Therapy
Pre-Physical Therapy
Pre-Optometry
Pre-Pharmacy

PRE-DENTISTRY — BIOLOGY OPTION — BS
Science-Education Bldg., Rm. 223 Phone 208/385-3699

Advisor: Dr. Charles W. Baker

PRE-MEDICINE — BIOLOGY OPTION — BS
Science-Education Bldg., Rm. 223 Phone 208/385-3520

Advisor: Dr. H. K. Fritchman

**SUGGESTED PROGRAM**

**1ST SEM.**  | **2ND SEM.**
--- | ---
**FRESHMAN YEAR:**
English Composition E 101-102 | 3 | 3
College Chemistry C 131-134 | 4 | 5
Mathematics M 111-204 | 5 | 5
Area II Courses | 3 | 3
**Total must be at least 128**

**SOPHOMORE YEAR:**
Botany BT 130 | 4 | —
Zoology Z 130 | — | 5
*Organic Chemistry C 317-320 | 5 | 5
General Psychology P 101 | — | 3
Area I Courses | 3 | 3
Electives | — | 3-8
**15**  | **17-19**

**JUNIOR YEAR:**
Cell Biology B 225 | 3 | —
Comparative Anatomy Z 301 | 4 | —
Genetics, with or w/o Lab B 343, 344 | 3-4 | —
Vertebrate Embryology Z 400 | — | 4
General Physics PH 101-102 | 4 | 4
Area I Courses | — | 3
Area II Courses | — | 3
Electives | — | 3
**14-15**  | **17**

**SENIOR YEAR:**
General Bacteriology B 303 | 5 |
Vertebrate Embryology Z 400 | — | 4
Physiology Z 401 or 409 | — | 4
Biochemistry C 431-432 | 3 | 3
Area I Courses | — | 3
Electives | 3-5 | 3
**15-17**  | **19**

*Pre-Dental 8; pre-Medical 10
**Additional Upper Division credits so that Upper Division credits will total at least 40

**PRE-DENTISTRY — CHEMISTRY OPTION — BS**
Science-Education Bldg., Rm. 223 Phone 208/385-3499
Advisor: Dr. Charles W. Baker

**PRE-MEDICINE — CHEMISTRY OPTION — BS**
Science-Education Bldg., Rm. 316 Phone 208/385-3965
Advisor: Dr. Richard C. Banks

**REQUIREMENTS**

General University and Basic Core | 21
English Composition E 101-102 | 6
General Psychology P 101 | 3
Zoology Z 130 | 5
Botany BT 130 | 4
Cell Biology B 225 | 3
Comparative Anatomy Z 301 | 4
Genetics with (or without lab) B 343 (B 344) | 3-4
Vertebrate Embryology Z 351 | —
College Chemistry C 131-134 | —
Organic Chemistry C 317-320 | 10
Bio or Analytical Chemistry with Lab C 431-432 or C 211-212 | 4-5
SCHOOL OF HEALTH SCIENCES

PRE-VETERINARY MEDICINE — BS

Science-Education Bldg., Rm. 223 Phone 208/385-3504
Advisor: Dr. Russell J. Centanni

A shared curriculum agreement exists between the Washington State University School of Veterinary Medicine and the State of Idaho. Under this agreement a number of Idaho residents are, each year, guaranteed admission to the WSU School of Veterinary Medicine. For those Idaho residents who plan to pursue a pre-veterinary medicine curriculum, it is important that the entrance requirements for Washington State University be satisfied during undergraduate work. The student majoring in pre-veterinary medicine should seek regular counseling from the pre-veterinary academic advisor.

The student must maintain a minimum overall grade point average of at least 3.00; and an average of at least 15 credit hours per semester. Candidates with the greater depth and breadth of academic background are given preference by WSU. The General Aptitude Test of the Graduate Record Examination is normally to be taken in October preceding the year in which the student hopes to enter the WSU School of Veterinary Medicine.

Students are to acquire and record at least 300 hours of significant exposure to veterinary medicine while employed by or working on a volunteer basis for a graduate veterinarian. The 300 hours must be completed by February 1 of the year in which the student hopes to enter WSU.

SUGGESTED PROGRAM

FRESHMAN YEAR: 1ST SEM. 2ND SEM.

- English Composition E 101-102 3 3
- College Chemistry C 131-134 4 4
- Mathematics M 111-204 5 5
- Area I Courses 3 3
- Other Electives 9-11

Sophomore Year:

- Botany BT 130 4 -
- Zoology Z 130 5 -
- Organic Chemistry C 317-320 4 4
- Mathematics M 205-206 3 3
- Area I Courses 16 17

Junior Year:

- Cell Biology B 225 3 -
- Comparative Anatomy Z 301 4 -
- Genetics, with or w/o Lab B 343, 344 3-4 -
- Bio or Analytical Chemistry with Lab C 431-432 or 211-212 3-5 1
- Area I Courses 6 -

Senior Year:

- Physical Chemistry C 321-324 4 4
- Instrumental Analysis C 411 4 -
- Chemistry Independent Study C 496 1 1
- General Psychology P 101 3 -
- Chemistry Seminar C 498, 499 1 1
- Area II Courses 3 3
- Electives 8-9

*Additional Upper Division credits so that Upper Division credits will total at least 40.

Requirements

- English Composition E 101-102 6
- College Chemistry C 131-134 12
- Mathematics M 111-204 10
- Other Electives 34-35

Non-Degree Programs

PRESIDENTIAL MEDICINE

Student Health Center, Room 117 Phone 208/385-1996
Advisor: Duane Akroyd

This curriculum is designed for students interested in a professional career in Dental Hygiene. The program leads to a Bachelor of Science degree in Dental Hygiene. The suggested program outlined here is based upon an articulation agreement between Boise State University and Idaho State University whereby students may take the first two years of the curriculum at BSU and upon satisfactory completion of that academic work transfer to ISU to complete the professional courses. Students who plan to enroll are advised to see the pre-Dental Hygiene advisor and pattern their curriculum at BSU after that of the specific school to which they expect to transfer.

Suggested Program

FRESHMAN YEAR: 1ST SEM. 2ND SEM.

- English Composition E 101-102 3 3
- Anatomy and Physiology Z 111-112 4 4
- Chemistry C 107, 109 3 3
- Chemistry C 108, 110 1 2
- Mathematics 5 3
- Introduction to Allied Health H 100 1 -

*To be taken either as correspondence course through Washington State University or as special topic at BSU. If correspondence course is taken, an additional 3 credit elective is to be taken to fulfill graduation requirements.
SCHOOL OF HEALTH SCIENCES

SOPHOMORE YEAR:

BSU and then transfer to the College of Pharmacy at Idaho State University. The Pharmacy program consists of two years of preparatory studies followed by three years in the College of Pharmacy at ISU. The curriculum outlined below is based upon the requirements of ISU. Students who intend to apply to Pharmacy schools other than ISU are advised to consult the pre-Pharmacy advisor and pattern their curriculum after that of the school to which they expect to transfer.

Suggested Program

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics M 111</td>
<td>5</td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry C 131, 133</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 111</td>
<td>5</td>
</tr>
<tr>
<td>Zoology Z 130</td>
<td>5</td>
</tr>
<tr>
<td>Cell Biology B 225</td>
<td>3</td>
</tr>
<tr>
<td>Organic Chemistry C 317-318</td>
<td>3</td>
</tr>
<tr>
<td>Organic Chemistry Lab C 319-320</td>
<td>2</td>
</tr>
<tr>
<td>Physics PH 101-102</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>3-4</td>
</tr>
<tr>
<td>*Mathematics M 204</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>3-4</td>
</tr>
<tr>
<td>15-16</td>
<td>16-17</td>
</tr>
</tbody>
</table>

*When possible it is desirable to take M 204 the first semester and add General Botany BT 130 the second semester of the freshman year.

Quantitative Analysis C 211-212 can also be taken as a preprofessional course.

PRE-PHYSICAL THERAPY

Student Health Center, Room 118

Suggested Program

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy and Physiology Z 111-112</td>
<td>4</td>
</tr>
<tr>
<td>Psychology P 101</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 111</td>
<td>5</td>
</tr>
<tr>
<td>Essentials of Chemistry C 107, 109</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Area I, II)</td>
<td>18</td>
</tr>
</tbody>
</table>

PRE-PHARMACY

Science-Education Bldg., Rm. 316

Advisor: Dr. Robert A. Hibbs

BSU students who wish to receive a Bachelor of Science in Pharmacy usually plan to take their preprofessional courses at
PART 8

High aspirations building a better tomorrow.

GRADUATE SCHOOL

Dean: Kenneth M. Hollenbaugh, PhD

Graduate Program Coordinators

Business:
Associate Dean, School of Business: J. G. Doss, PhD

Education:
Coordinator of Graduate Studies, School of Education: E. John Dahlberg, Ed.D.

Public Administration:
Chairman, Political Science Department: Willard Overgaard, PhD

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Science in Accounting, Master of Arts in Elementary Education, Master of Arts and Master of Science in Secondary Education, and Master of Public Administration.

AREAS OF EMPHASIS

The Master of Arts in Elementary Education includes five areas of emphasis: (1) Curriculum and Instruction; (2) Content Enrichment; (3) Reading; (4) Special Education; (5) Early Childhood.


The Master of Public Administration Degree Program has three areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

GRADUATE FACULTY

The graduate faculty is comprised of those full-time faculty who have been approved by the Graduate Council to teach graduate level courses, participate in the conduct of the graduate programs, and supervise graduate students. Each member of the graduate faculty is reviewed on a three year cycle to document his/her participation in graduate education activities.

Part-time faculty who are approved by the Graduate Council to teach a graduate course are appointed as adjunct graduate faculty. Such appointments are for specific assignments and are renewable but not perpetual.

GENERAL INFORMATION FOR GRADUATE STUDENTS

Application for admission to the graduate programs or general graduate study as an unclassified graduate may be made at any time. It is recommended, however, that at least two months before the final enrollment, the Graduate Admissions Office will have received the application for admission and transcripts of all
undergraduate and graduate work. This will provide sufficient time to process the application prior to the semester the applicant wishes to commence his graduate study. Petitions for exceptions will be directed to the Graduate Dean. The transcripts are to be sent directly to the Boise State University Graduate Admissions Office by the Registrar of the college or university which the applicant previously attended. For that purpose the applicant should communicate with the Registrars concerned and then allow them sufficient time to process and mail the transcripts.

All documents received by the University in conjunction with such applications for admission become the property of Boise State University. Under no circumstances will they be duplicated except for University advisement, nor the original returned to the applicant or forwarded to any agency or other college or university.

ADMISSION TO THE GRADUATE SCHOOL

A student may be admitted to the Graduate School at Boise State University when the following admissions criteria have been met:

1. The applicant has earned a Bachelor degree from an accredited institution, or furnishes proof of equivalent education.
2. The applicant has maintained a grade point average which meets the minimal requirements of the school in which he wishes to enroll.
3. Completion of the predictive examination required by the department as listed under department criteria.
4. Recommendation for admission by the department in which the applicant expects to work and approval by the Graduate School.

GRADUATE STATUS CLASSIFICATIONS FOR MATRICULATED STUDENTS

Applicants may be admitted to the Graduate School under three classifications.

Regular Status: The applicant has been admitted with full graduate status into a graduate degree program and has received official institutional notification to this effect.

Provisional Status: An applicant may be admitted to the Graduate School with provisional status if the department or academic unit in which he plans to study requires additional evidence of his qualification for admission with regular status. No student may maintain provisional status indefinitely. The department or academic unit concerned will normally make a final determination on a student with provisional status by the time he has completed twelve credits of approved study.

Unclassified Status: Persons who feel qualified to profit from graduate courses may enroll in these under “Unclassified Status” provided the following conditions are met:

1. The applicant has successfully completed all courses that are prerequisite to the graduate course for which he is enrolling.
2. There is space available in the class.
3. The applicant has obtained permission to enroll in the course from the instructor or the graduate program director.

A student given “Unclassified Status” is admitted to the Graduate School but academic credits earned may not necessarily be accepted towards a graduate degree if the student applies for and is admitted to a graduate degree program at a later time.

No more than nine credit hours taken in “Unclassified Status” may be included in any graduate degree program at BSU without waiver by the Graduate Dean upon recommendation by the school or department in which the student will work.

GRADUATE CREDIT FOR SENIORS

A Boise State University senior, with the approval of the department in which he plans to work and the Graduate Dean, may enroll for graduate credit during his senior year insofar as these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Graduate Admissions Office and the office of each dean. Credits earned in this manner are “reserved” to count toward a graduate degree at BSU.

SCHOLARSHIP REQUIREMENTS

Academic excellence is expected of students doing graduate work. A student whose academic performance is not satisfactory may be withdrawn from the degree program by the Dean of the Graduate School when the application is made. To be eligible for a degree in the Graduate School, a student must achieve a grade point average of B (3.00) or better in all work, exclusive of deficiencies, specifically included in his program of study. No grade below B may be used for any 300 or 400 level courses in a graduate program. Grades below C cannot be used to meet the requirements of a graduate degree. Grades on transfer work will not be included in computing grade point average.

REPEAT, RETAKE POLICY

A student who earns a grade of D in a graded 500 series course at BSU may include no more than one repeated course toward a Master Degree Program. A student who earns a grade of F may not take the same course under “Unclassified Status” at Boise State University. Therefore, a student who gets an F in a required course is automatically excluded from further Master degree work. With a D in one of these courses there is a single chance of redemption.

CREDIT REQUIREMENTS

A minimum of thirty semester credits of coursework approved by the graduate student’s supervisory committee is required. More than thirty semester credits may be required in certain programs.

SUPERVISORY COMMITTEE ASSIGNMENT

Upon admission of the applicant with regular graduate status, a supervisory committee, consisting of a chairperson and other faculty members, will be appointed by the department fielding the program. This supervisory committee or the advisor, as determined within each degree program of study, will establish with the student a program of study, direct any thesis or graduate projects, and administer final examination(s).

Students admitted with provisional status will be assigned a temporary advisor who will be responsible for building a tentative program of studies. This advisor will guide the student with respect to meeting the stipulations of the provisional admission. Once the provisional stipulations have been satisfactorily met by the student, the department concerned will recommend to the Dean of the Graduate School that the student be admitted with regular graduate status.

RESIDENCE REQUIREMENTS

A minimum of twenty-one semester credits of approved graduate work taken on the University campus is required. This requirement does not apply to students enrolled in any inter-institutional cooperative graduate program offered jointly by BSU and the other Idaho universities.

TRANSFER OF CREDITS

A maximum of nine semester graduate credits taken at other institutions may be transferred for credit toward a Master degree provided the courses are an acceptable part of the program of study planned by the student’s supervisory committee. Such courses must have been taken in an accredited college or university. Only courses with A or B grade may be transferred to Boise State University for application to a graduate degree. In general, the transfer of extension work is discouraged. Exception may be made by departments after a detailed examination of the specific courses taken. No correspondence course will be accepted for graduate credit. All appropriate graduate work taken
TIME LIMITATIONS

All work offered toward a Master's degree from Boise State University must be completed within a period of seven calendar years. The seven-year time interval is to commence with the beginning of the oldest course (or other academic experience) for which credit is offered in a given Master Degree Program, and the interval must include the date of graduation when the Master degree from BSU is given.

CHALLENGE POLICY

The provisions of the challenge policy stated in the Catalog Section, "Admission Requirements to the College" under subsection "Challenging Courses, Granting Credit by Examination" (see page 30) apply to graduate courses. In particular, the decision to allow or not to allow challenges will be made by the department fielding the course to be challenged. For interdisciplinary courses, the decision will be made by the school officer in charge of the graduate program to which the course applies.

FOREIGN LANGUAGE REQUIREMENTS

Language requirements are determined by the department concerned. If a foreign language is required, the student must demonstrate that he possesses a reading knowledge of a language specified by the department.

THESIS REQUIREMENTS

The requirement of a thesis or similar project is determined by the department or interdisciplinary unit concerned. The final copy of the thesis must be reviewed by the student's supervisory committee and submitted to the Dean of the Graduate School at least three weeks before commencement.

CANDIDACY

A student should apply for admission to candidacy and graduation as soon as he has completed twelve hours of graduate work with a grade point average of at least 3.00 in an approved graduate program of study, has removed all listed deficiencies, and has met any specific foreign language requirements.

Candidacy involves specifying, on the appropriate form, the list of courses and projects which comprise the student's program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's committee or advisor and approved by the Dean of the Graduate School.

PROGRAM DEVELOPMENT FORM

Graduate students in Regular or Provisional Status will complete a Program Development Form with their advisor or committee before the end of the first academic period (summer, fall or spring) in which they take graduate work at Boise State University, after having been notified of admission in regular or provisional status.

The Program Development Form will be available from the schools offering graduate degree programs. The advisor or committee will field the Program Development Form with the Graduate School upon completion. Each change in program must be completed by filing a new Program Development Form showing the changes from the previous form.

Any courses being offered as transfer credit, as credit reserved, or as residence credit through any inter-institutional cooperative program must be claimed at the time the Program Development Form is originally filed, or before the end of the first academic period (summer, fall or spring) after which the credit has been earned, whichever is the earlier date.

It is the responsibility of the graduate student to keep all program changes up to date for a graduate degree.

FINAL EXAMINATION REQUIREMENTS

The requirements of a final examination, written, oral, or both, in any non-thesis non-project program is optional with the department or interdisciplinary unit which fields the student's program. When the examination is required, it is administered by the unit concerned. The dates for these examinations are set by the Graduate School once each semester and summer session. They are listed in the calendar of the BSU catalog. A student is not eligible to apply for the final examination until he has been admitted to candidacy (filed the candidacy and graduation form.)

Failure in the examination will be considered terminal unless the supervisory committee recommends, and the Dean of the Graduate School approves, a re-examination. Only one re-examination is permitted. At least three months must elapse before a re-examination may be scheduled.

The requirement of a final examination in defense of any thesis or project is optional with the department or interdisciplinary unit concerned. When required, a final examination in defense of the thesis or project must be conducted at least three weeks before commencement. On a final examination in defense of a thesis or project, an additional member, who may be from outside the department or school, may be appointed by the Graduate Dean at his discretion. Application for the final comprehensive examination(s) is made through the office of the dean of the school fielding the program.

APPLICATION FOR PREDICTIVE EXAMINATIONS

As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria performance scores from predictive examinations, it is necessary that application be made without delay to take the examination. Education and Public Administration students are not required to take a predictive examination.

Students wishing to pursue graduate study in Business Administration should contact the Office of the Dean, School of Business, Boise State University, to secure the forms necessary to make application for taking the predictive examination called the GMAT. Every effort should be made to take the GMAT as soon as possible because students will not be given program status before the GMAT results are reported. Courses taken before the student is admitted (i.e., "Unclassified Status" courses) will not necessarily be allowed toward the MBA even if the student is admitted subsequently.

Credit Limitation in Courses Graded Pass or Fail and Directed Research

599—SHORT-TERM CONFERENCE OR WORKSHOP

A maximum of three credits earned with a grade of P will be allowed toward the credit requirements for a Master degree at Boise State University.

599—DIRECTED RESEARCH

Masters programs at Boise State University may include directed research credits, at the discretion of the graduate student's supervising committee or professor, for a period of up to six credits hours, with no more than six credits in any one semester. The School of Business has a limitation of three credits of Internship and/or Directed Research for MBA students.

LIMITATIONS ON STUDENT COURSE LOADS

Graduate students seeking to take courses for graduate credit only in the evening or only in the early morning and in the evening, may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule may be granted by the Dean of the Graduate School with the explicit recommendation of the dean of the school responsible for the student's program.

COURSE NUMBERING SYSTEM

Courses numbered 500 and above are intended primarily for graduate students. The number designates the educational level of the typical student in the class, i.e., he has graduated from college.

Other courses than graduate, numbered at the 300 or 400 levels, may be given g or G designation to carry graduate credit. The department or school concerned will have the right to limit the number of g or G credits which can count toward any degree for which it has responsibility, and in no case can more than one-third of the credits in a degree program be in courses at the 300 or 400 level. No course numbered below 500 carries credit unless the G or g is affixed.
GRADUATE SCHOOL

1. **G** courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. **G** courses carry graduate credit for students both in the department or school and for other students as well.
3. Graduate students enrolled in **G** or **g** courses will be required to do extra work in order to receive graduate credit for the courses.

APPLICATION FOR GRADUATE DEGREE

The last step in completing a graduate program consists of arranging for final record checking. To accomplish this, one completes the form Application for Graduate Degree which can be obtained from the Graduate Admissions Office or from the Deans of Business and Education. The Bookstore will notify the student how to order the cap and gown for the graduation ceremony.

University-Wide Number of Graduate Offerings:

- 580-589 Selected topics
- 590 Practicum
- 591 Project
- 592 Colloquium
- 593 Research and Thesis
- 594 Extended Conference or Workshop
  (Graded A-F)
- 595 Reading and Conference
- 596 Directed Research
- 597 Special Topics
- 598 Seminar
- 599 Short-Term Conference or Workshop
  (Graded Pass or Fail). This number is available in any semester or session for courses meeting 3 weeks or less.

GRADUATE PROGRAMS

School of Arts and Sciences

MASTER OF PUBLIC ADMINISTRATION

The Master Degree in Public Administration is an inter-university cooperative graduate program offered jointly by Boise State University, Idaho State University, and the University of Idaho. The purpose of the program is to provide present and prospective public administrators with the basic intellectual preparation necessary to understand and adjust to a changing and challenging environment through introduction to the theories and practices of administration, management, and Social Science research as these relate to effective performance in public organizations. The MPA program is coordinated through an Inter-University Committee comprised of the chairmen of the Departments of Political Science at the cooperating universities, a representative of the Office of the State Board of Education, and a representative of cooperative government agencies. The essential features of this inter-university cooperative program are: (1) general coordination and policy control by the Inter-University Committee; (2) unrestricted transferability of credits earned at any of the participating universities; (3) coordination among universities in scheduling and offering courses in the MPA program; and (4) the establishment of a basic core of courses at all three cooperating institutions plus optional areas of emphasis which may vary among the universities and which reflect the particular areas of specialization available at the respective universities.

The inter-university MPA program has been designed in accordance with the "Guidelines and Standards for Professional Master's Degree Programs in Public Affairs and Public Administration" prescribed through the National Association of Schools of Public Affairs and Administration (NASPAA).

ADMISSION TO THE MPA PROGRAM

Students may enroll in the MPA by applying to one of the participating universities. Acceptance by any of the three universities admits a student into the MPA program. A matriculated student should complete graduate studies at the institution which offers the area of specialization which he or she wishes to emphasize.

The specific program which each student will pursue will be established by an advisory committee consisting of three faculty members, one of whom will be from a university other than that of the chairman of the student's advisory committee. No specific undergraduate program is required in preparation for the MPA program. It is anticipated that students will come from widely differing academic preparations.

Some coursework in Humanities and Social Science (Political Science, Sociology, Economics and Psychology) is essential to the foundation of the MPA program for all students; also a student must provide evidence of proficiency in skills of statistics, data processing, or accounting, either through undergraduate preparation or previous work experience. Deficiencies in these areas will be made up outside of the required curriculum. A student may be required to remove other deficiencies related to specified areas of emphasis in the MPA program, as determined by the Inter-University Committee.

SPECIFIC ADMISSION REQUIREMENTS FOR APPLICANTS TO THE MPA PROGRAM

All applicants to the MPA program at Boise State University must meet the following requirements prior to enrollment in MPA courses:

A. Possession of a baccalaureate degree from an accredited institution.
B. Demonstration of satisfactory academic competency by attaining an overall GPA of 2.75 and recommendation for admission by the Department of Political Science. Students with a lower GPA may be admitted on provisional status on recommendation of the Department of Political Science with approval of the Graduate School.
C. Receipt of 3 letters of personal evaluation from individuals qualified to evaluate the applicant's academic potential. Evaluators may include current or former employers, as well as professors. The letters are to be addressed as follows: Chairman, Department of Political Science, Boise State University, Boise, Idaho 83725.
D. Submittal of a brief statement by the applicant indicating his/her career objectives and the area of emphasis to be undertaken in the MPA program.
E. Completion of the following prerequisite courses in undergraduate preparation or their equivalent (applicable to all students applying for admission to the MPA program):
   1. American National Government
   2. State, Local Government
   3. Introduction to Public Administration
   4. At least 3 credits in each of 2 of the following areas:
      a. Sociology
      b. Economics
      c. Psychology
      d. Accounting
      e. Data Processing
      f. Social Statistics
   6. For those students selecting Human Services Administration as their area of emphasis for specialized preparation in Public Administration, at least 9 credits in Sociology.
   7. For those students selecting Criminal Justice Administration as their area of emphasis for specialized preparation in Public Administration, at least 9 credits in Criminal Justice.

Students who are deficient in any of the prerequisites indicated above must remove these deficiencies prior to enrollment in MPA graduate level courses for credit. The student may be required to remove other deficiencies as determined by the Inter-University Committee established for administrative coordination of the MPA program.
F. An applicant planning to achieve an MPA degree at Boise State University must be accepted by the Graduate School of Boise State University. (The student is advised to consult the appropriate section of the Catalog for any special requirement or conditions prescribed by the Graduate School.)

THE GRADUATE DEGREE PROGRAM

The MPA degree may be achieved through the successful completion of at least 30 semester credit hours of approved coursework plus 6 credits of public service internship. Eighteen credit hours must be completed in courses selected from prescribed "core areas" with 12 additional credit hours completed in designated optional areas of emphasis. Students may follow a thesis or non-thesis option in pursuing the MPA. The thesis counts as 6 credits toward completion of the degree in lieu of coursework selected from the student's area of emphasis. All MPA candidates must complete final examination. Those following the thesis option will complete an oral examination covering the thesis and program coursework. The non-thesis option requires a written and oral examination over program coursework.

The academic program of each student must be approved by the MPA advisory committee and must satisfy the general requirement of an integrated program designed to meet career objectives of the student in Public Administration.

CORE AND OPTIONAL AREA REQUIREMENTS

The specific course requirements of the MPA program are set forth in a list of courses which have been approved by the Inter-University Committee. This list is available through each of the cooperating universities. Courses are available at each institution in the "core areas." The optional "areas of emphasis" may vary among the universities according to the resources and competencies which exist in the respective departments. Moreover, the MPA envisages further development of "areas of emphasis" and expansion of available courses as additional resources become available and the cooperative relationships among the three universities are further developed. The listing of "areas of emphasis" represents a collective enumeration of all optional areas which currently are available or are planned for future development at all of the cooperating universities. (A description of these "areas of emphasis" which are presently operational at each institution and admission forms to the MPA program are available through the Chairman of the Department of Political Science at Boise State University, the Chairman of the Department of Political Science at Idaho State University, or the Chairman of the Department of Political Science at the University of Idaho.)

"Core Area" Requirements: At least 18 semester credit hours of coursework required on the designated core areas to be selected in accordance with the following bases of selection:

1. At least one course selected from each of the following core areas:
   a. Administrative Theory, Organization, and Behavior
   b. Public Management Techniques
   c. Public Policy and Policy Analysis

2. At least one course from each of two of the following "core areas":
   a. Administrative Law
   b. The Executive and the Administrative Process
   c. Intergovernmental Relations
   d. Community and Regional Planning
   e. Comparative Public Administration and Planning Systems

3. A sixth course is to be selected also from any one of the 8 "core areas" listed under items 1 and 2 above.

Optional "Areas of Emphasis": At least 12 semester credit hours of coursework are to be taken in any one of the following areas of emphasis:

1. General Public Administration
2. Community, State & Regional Planning
3. Criminal Justice Administration
4. Public Health Administration
5. Public Finance, Budgeting & Administrative Management
6. Environment & Natural Resources Administration
7. Local Government Administration
8. Human Services Administration

Public Service Internship: Those students with no work experience in government are to be assigned as "public service interns." The internship is to be served in a government office at local, state, or federal levels, or in appropriate organizations which are concerned with governmental affairs, such as private foundations and community institutions. Credit provided for the internship shall be in addition to the 30 semester credit hours of coursework required in the MPA program. The internship component will comprise 6 semester hours.

COURSES OFFERED AT BOISE STATE UNIVERSITY FOR THE DESIGNATED "CORE AREAS" AND THE OPTIONAL "AREAS OF EMPHASIS" IN THE MPA PROGRAM

I. Designated Core Area

(Note: Selection of courses is to be made in consultation with the student's major professor in the preparation of a MPA program development plan for each individual student.)

A. Administrative Theory, Organization, and Behavior
   Organization Theory & Bureaucratic Structure PO 487G
B. Public Management Techniques
   Fiscal Processes & Public Budgeting Process PO 510
   Program Evaluation & Quantitative Analysis PO 511
   Human Resource Management MG 541
   Computer Applications for Management DP 542
C. Public Policy and Policy Analysis
   Public Policy Formulation & Implementation PO 520
D. Administrative Law
   Administrative Law PO 467G
E. The Executive & the Administrative Process
   The Role of the Executive in Policy Making PO 530
F. Intergovernmental Relations
   Intergovernmental Relations PO 469G
G. Community & Regional Planning
   (No course offering yet provided at BSU)
H. Comparative Public Administration & Planning Systems
   Comparative Public Administration PO 465G

II. Optional "Areas of Emphasis"

(Note: Some of the courses provided in designated areas of emphasis are also provided in designated core areas as shown above. In such cases, a course may satisfy a general core area requirement or a specific area of emphasis requirement in the MPA program but not both.)

A. General Public Administration
   This area of emphasis is provided to accommodate those students desiring preparation in public administration as a "generalist" rather than a "specialist" in a particular area of specialization. At BSU the student may select the remaining 12 credit hours of coursework from the courses listed below:
   Comparative Public Administration PO 465G, Administrative Law PO 467G, Intergovernmental Relations PO 469G, Program Evaluation and Quantitative Analysis PO 511, The Role of the Executive in Policy Making PO 530
   Any of the following courses, identified as "selected" topics, which will be offered as staff availability permits, may be selected also to satisfy the General Public Administration area of emphasis:
   Selected Topics:
   Administrative Theory, Organization & Behavior PO 580
   Public Management Techniques PO 581
   Public Policy & Policy Analysis PO 582
   Administrative Law PO 583
   The Executive & the Administrative Process PO 584
   Intergovernmental Relations PO 585
   Community & Regional Planning PO 586
   Comparative Public Administration and Planning Systems PO 587
   Arrangements may also be made in the following courses:
   Thesis PO 593
   Reading and Conference PO 595
   Directed Research PO 596
   Conference/Workshop PO 599
GRADUATE SCHOOL

B. Community, State and Regional Planning
   (No course offering yet provided at BSU in the MPA program)

C. Criminal Justice Administration
   Special Programs in Correctional Treatment CR 510
   Special Problems of the Juvenile and Youngful Offender CR 511
   Reading and Conference CR 595
   Seminar in Criminal Justice Administration CR 598

D. Public Health Administration
   (Planned, but no course offering yet provided at BSU in the MPA program)

E. Environmental and Natural Resources Administration
   (No course offering yet provided at BSU in the MPA program)

F. Local Government Administration
   (Planned for future implementation as an area of emphasis at BSU)

G. Public Finance, Budgeting, and Administrative Management
   (Planned for future implementation as an area of emphasis at BSU)

H. Human Services Administration
   Conflict & Change in Socio-Cultural System SO 510
   The Sociology of Age — Group Stratification SO 511
   Social Demography SO 512
   Selected Topics — Human Services Administration SO 580
   Reading and Conference SO 595

COURSE OFFERINGS

PO — POLITICAL SCIENCE COURSES

GRADUATE

PO 465G Comparative Public Administration (3-0-3) (F/S). Systematic examination and comparison of varied models and theories of administrative systems. Intrational and international studies. (Students enrolled in this course for graduate level credit will be assigned special requirements on preparation. Prerequisite: PO 303.)

PO 487G Administrative Law (3-0-3) (F/S). Sources of power and duties of administrative agencies, rules and regulations made by agencies through investigation and hearings, judicial decisions and precedents relating to administrative activities. (Student enrolling in this course for graduate level credit will be assigned special requirements on preparation. Prerequisite: PO 303.)

PO 487G Organizational Theory and Bureaucratic Structures (3-0-3) (F/S). Socio-political analysis of theories and concepts of complex social organizations, their application to public administration and the inter-relationship between political science and sociological organizational theory. (Students enrolling in this course for graduate level credit will be assigned special requirements on preparation.)

PO 510 Fiscal Processes and Public Budgeting Process (3-0-3) (F/S). Determination of fiscal policy, budgeting processes, and governmental forms of budgeting. Consideration of fiscal policy and processes in various program areas. Emphasis on the interface between technical and political processes.

PO 511 Program Evaluation and Quantitative Analysis (3-0-3) (F/S). Application of social science research to administrative problems, including practical methods of gathering, analyzing, and interpreting data. Theory and basic techniques underlying quantitative analysis of public programs.

PO 520 Public Policy Formulation and Implementation (3-0-3) (F/S). Process of policy-making both within an agency and within the total governmental process, emphasizing policy and program planning, policy implementation and the value system of administrators.

PO 530 Role of the Executive in Policy Making (3-0-3) (F/S). The american executive: president, governor, and mayor. Consideration given to changes in institution settings and role conceptions. Role of the executive in policy-making process. Sources of strength and weakness and strategies used to enact their programs. Problems of relationship of executive to bureaucracy.

PO 580 Selected Topics — Administrative Theory, Organization and Behavior (3-0-3). To be offered as staff availability permits.

PO 581 Selected Topics — Public Management Techniques (3-0-3). To be offered as staff availability permits.

PO 582 Selected Topics — Public Policy and Policy Analysis (3-0-3). To be offered as staff availability permits.

PO 583 Selected Topics — Administrative Law (3-0-3). To be offered as staff availability permits.

PO 584 Selected Topics — Executive and Administrative Process (3-0-3). To be offered as staff availability permits.

PO 585 Selected Topics — Intergovernmental Relations (3-0-3). To be offered as staff availability permits.

PO 586 Selected Topics — Community and Regional Planning (3-0-3). To be offered as staff availability permits.

PO 587 Selected Topics — Comparative Public Administration and Planning Systems (3-0-3). To be offered as staff availability permits.

PO 590 Public Service Internship (variable credit). Arranged as field experience for those students with no prior experience in governmental or other organizational assignments. Such internships will be established and arrangements made for placement through the chairman of department of political science.

PO 593 Thesis (3 credits/semester). Selection of approved topic in public administration for major preparation and defense through consultation with major advisor.

PO 595 Reading and Conference (1-2 credits). Directed reading on selected materials in public administration and discussion of these materials, as arranged and approved through major advisor.

PO 596 Directed Research (1-3 credits). Special projects undertaken by the MPA student as advanced tutorial study in specialized areas according to the needs and interests of an individual student. Course embodies research, discussions of the subject matter and procedures with a designated professor and a documentary paper covering the subject of the independent study.

PO 599 Conference or Workshop (1 credit). Conferences or workshops covering various topics in public administration may be offered on an irregularly scheduled basis, according to student interest and staff availability. No more than 3 credits provided through conferences of workshops can be applied toward the MPA.

CR — CRIMINAL JUSTICE ADMINISTRATION COURSES

CR 510 Special Problems in Correctional Treatment (3-0-3) (F/S). Analysis of contemporary problems in the correctional programs of American society.

CR 511 Special Problems of the Juvenile and Youngful Offender (3-0-3) (F/S). Examination of juvenile justice, rehabilitation programs, probation and utilization of community-based resources. Emphasis will be placed on preventive rehabilitative measures at the local level.

CR 580 Selected Topics — Criminal Justice Administration (3-0-3). Examination, evaluation and research regarding contemporary problems in the criminal justice system. Students will be required to do extensive reading and inquiry into special areas of concern and interest.

CR 595 Reading and Conference (1 or 2 credits). Directed reading on selected materials in criminal justice administration and discussion of these materials, as arranged and approved through major advisor.

CR 596 Seminar in Criminal Justice Administration (3-0-2) (F/S). Intensive analysis of selected subject areas of the system of criminal justice administration. Prerequisite: CR 301.

SO — SOCIOLOGY COURSES

SO 501 The Sociology of Education (3-0-3). A sociological analysis of the American education system, its problems and the social forces that shape the schools in contemporary society.

SO 510 Conflict and Change in Socio-Cultural Systems (3-0-3) (F/S). Intensive examination of social and cultural change as related to technological evolution, value changes and the resultant conflict in society.

SO 511 The Sociology of Age Group Stratification (3-0-3) (F/S). Examination of the sociological effect of age as a major dimension of social organization and stratification in American society and Western civilization. The course will consider the effects of changing patterns of longevity, resultant changes in age distribution of the population as these factors affect social, economic, and political systems.

SO 512 Social Demography (3-0-3) (F/S). Techniques and methods for analyzing population growth trends, and movement as reflected in actuarial data, birth-death rate, mobility, fertility and fecundity as these affect the societal patterns, especially planning for human service programs.

SO 580 Selected Topics — Human Services Administration (3 credits).

SO 595 Reading and Conference (1-2 credits). Directed reading on selected materials in human services administration and discussion of these materials as arranged and approved through major advisor.

School of Business

GRADUATE PROGRAMS IN BUSINESS

MBA in Business

MS in Accounting

OBJECTIVES

The objectives of the Boise State University programs leading to these graduate degrees are to further prepare candidates for careers in their chosen field. The MBA degree emphasizes the traditional approach of the development of managerial generalists, with a common body of functional knowledge given to all students. While there is no area of emphasis or major available in the MBA program, a student satisfies the functional core of courses, electives to achieve a minor degree of concentration are possible. The MS in Accounting degree is designed for those persons who have a Bachelor degree in Accounting, or its equivalent, and who desire to increase their competencies in the Accounting field. In addition, this course of study will assist students in their preparation for taking the CMA, CPA or other certification tests. For those who have already attained certification status, it will provide an excellent vehicle for maintaining and improving current proficiencies.
Students who wish to earn a second Master degree in Business must design a program to satisfy the degree requirements in consultation with the graduate program coordinator for the MBA or the graduate Accounting advisor for the MS in Accounting. Normally a minimum of 15 credit hours will be necessary to satisfy the requirements for a second Master degree. Those students entering with a prior graduate degree from another institution are advised that a maximum of 9 graduate semester credits may be accepted and applied toward a Master degree at Boise State University.

GENERAL PREREQUISITES FOR APPLICANTS

Admission will be granted to applicants who hold a Bachelor degree from an accredited college or university and who meet the standards set by the School of Business of Boise State University. Common to all programs is a foundation of prerequisite knowledge in basic fields of Business Administration. Students presenting a Bachelor degree in Business or Accounting normally will have completed most of these requirements as part of their undergraduate program. The Master of Business Administration program is also designed to serve the student who has completed his Bachelor degree in non-Business fields such as the Sciences, Engineering, and the Liberal Arts. Therefore, the students must demonstrate proficiency in prerequisites. These prerequisites may be fulfilled by satisfactory completion of coursework in these areas, or by successfully passing the acceptable CLEP examination, and any other local departmental requirements. The Master of Science in Accounting can be achieved by those students not holding a degree in Accounting, or its equivalent, only by accomplishing required coursework to receive a second degree in Accounting, or specifically designed programs to obtain the equivalent knowledge.

MATRICULATION REQUIREMENTS

SPECIFIC PREREQUISITES FOR APPLICANTS

All applicants must meet the following undergraduate requirements or must fulfill these requirements prior to enrollment in Master classes. (New applicants for the programs should furnish documentary evidence of GMAT scores and copies of official transcripts upon initial application. For fall enrollment, students should arrange to take the GMAT by July. For spring enrollment, the GMAT should be taken no later than the October or November test date.)

(a) Possession of a Bachelor degree from an accredited institution.

(b) Demonstration of satisfactory academic competency by virtue of acceptable scores achieved by either of the following two formulae:
200 X overall GPA plus GMAT score must equal 1000 minimum
200 X junior/senior GPA plus GMAT score must equal 1050 minimum

(c) For foreign students, in addition to the above formulae minimum, a score of 525 on the TOEFL, or its equivalent, is necessary.

(d) Prerequisites:
1. Accounting (equivalent to one year)
2. Economics (equivalent to one year)
3. College level Mathematics (equivalent to one year)
4. Management
5. Business Law
6. Marketing
7. Finance
8. Production Management
9. Data Processing
10. Business Statistics
11. For the MS student, sufficient Accounting courses to have achieved the Accounting degree or equivalent.
12. Business writing proficiency — must be demonstrated by passing a proficiency test. Failure to pass this test will require enrollment in OA 326, Applied Business Communications, or equivalent.

Students who are deficient in any prerequisite courses must remove these deficiencies prior to enrollment in Master level courses. Enrollment in courses without having removed all deficiencies will subject the student to administrative withdrawal, with no recourse, from these Master courses.

The student may be required to remove other deficiencies as determined by the School of Business.

All applicants must be accepted by the Graduate School of Boise State University in order to achieve the Master degree.

THE MBA DEGREE

The Master of Business Administration degree consists of a minimum of 30 semester hours of credit from the offerings listed on the following pages or other graduate courses suitable to an MBA degree, as accepted by the MBA Admissions Committee.

Required Core Courses 
Electives

Note: A student with a major in functional Business discipline such as Management, Marketing, Finance, Economics, or Accounting should not take the core course in that discipline, and may substitute any MBA elective for its place.

Students may elect a maximum of 6 credit hours from the 400 level "G" courses from the undergraduate School of Business program. Only those courses listed on the following pages are approved. Advisors should be consulted regarding those courses.

Under certain conditions with the approval of the MBA program coordinator and the Department head concerned, MBA students may earn up to a maximum of 3 credit hours of Directed Research and/or Internship credits which apply to graduation requirements.

MBA — REQUIRED CORE COURSES

COURSE OFFERINGS

GB 510 Business and Its Environment (3-0-3) (FS) Examination of the interaction between business and the economic, social, political and legal order, both domestic and world-wide. By utilizing analysis of particular situations, it focuses attention on the broad effects of this total environment upon the administration of business.

GB 512 Statistical Methods for Business Decisions (3-0-3) (Alternate Semesters). The application of the techniques and the reason for their employment in decision processes. Computer application programs are employed to assist in the learning process. Topics generally covered include: multiple regression analysis, forecasting and Bayesian decision theory. Prerequisite: GB 207, MG 301, DP 210 or equivalent courses.

GB 514 Operations Research Methods for Decision Making (3-0-3) (Alternate Semesters). An introduction to operations research, applying quantitative tools and methodology to design and improve systems. Emphasis is given to the use of the computer to analyze quantitative models. Typical areas covered are: linear programming, network models, and inventory control theory. Prerequisite: grade standing, GB 207, DP 210 and MG 301 or equivalent courses.

MK 519 Marketing Management Concepts (3-0-3). Interdisciplinary analytical integration of marketing management concepts and theories with the organization and its environment. Emphasis on identifying opportunities, problems, selection and development of alternatives, formulation and implementation of strategies, plans, programs, consumer industrial, institutional and international markets included.

FI 530 Financial Management (3-0-3) (FS) Financial planning and control, capital budgeting, risk analysis, cost of capital and the capital asset pricing model, capital structure planning, dividend policy, bond refunding problems, short and long-term financing requirements, mergers and acquisitions, social responsibility of financial executives, and multinational problems. Prerequisite: GB 512 or GB 514.

AC 532 Accounting — Planning and Control (3-0-3) (FS). Study of the planning and control processes to assist in the making of business decisions. Problems and cases are considered in profit planning and analysis, cost analysis for pricing, and capital budgeting. Overall objective is an understanding of techniques of cost planning and control.

MG 540 Organization Theory (3-0-3) (FS) Determinants and effects of organizational design, with history and current trends in organizations. Methods of analyzing appropriate structure are discussed. Organizational behavior within the structural framework is explored with special attention to group dynamics, power, leadership and influence.

EC 568 Economics of Public Policy (3-0-3) (FS). Contribution of economic analysis to the justification, design and implementation of economic policy. The issues surrounding the need for public policy in a private property, market economy and the benefits and costs associated with government intervention. The relationships between the goals and the instruments of U.S. economic policy. Prerequisite: EC 201, 202.

GB 579 Business Policy Formulations (3-0-3) (FS). Utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies including the use of quantitative methods for allocation and flow of all goods and services in organizations. Designed as a capstone for the last semester of the program.
GRADUATE SCHOOL

MBA — ELECTIVE COURSES

BE 512 Business Research and Communication Techniques (3-0-3) (Intermittent). Analysis of current research and practice in managerial communications. Development of a critical sense and analytical ability through evaluation of communication research, reports, and case studies. Class discussion, lecture, individual reports and presentations, and small group activities.

DP 542 Computer Applications for Management (3-0-3) (F). Study of the impact of the computer on managers and on the environment in which managers work. Topics include data-base, MIS, the management decision process, and computer tools that can be used by managers in the decision process. Selected computer applications are explored.

MG 541 Human Resource Management (3-0-3) (F/S). Effective management of human resources including discussion of the supervisory processes conducive to reducing labor costs and increasing productivity. Special attention is given to the human, organizational, and environmental constraints which limit managerial actions. Techniques for effectively functioning within these constraints.

MK 520 Marketing Problems (3-0-3) (Intermittent). Analytical approach to marketing problem solving and decision making. Covers market definition, personal selling, advertising and sales promotion, distribution channels, strategy formulation, product development procedures, and customer services. Case study approach is utilized.

Selected Topics — Contemporary topics offered intermittently:

AC 580 Selected Topics — Accounting (3-0-3).
DP 581 Selected Topics — Information systems (3-0-3).
EC 582 Selected Topics — Economics (3-0-3).
FI 583 Selected Topics — Finance (3-0-3).
MG 584 Selected Topics — Industrial Psychology (3-0-3).
MG 585 Selected Topics — Management (3-0-3).
MK 585 Selected Topics — Marketing (3-0-3).

S96 Internship. Available on a selective, limited basis. MBA and MS students should consult with advisors.

S96 Directed Research (variable credits). Involves special projects undertaken by the student, consisting of individual work suited to the needs and interests of the student. The course embodies research, discussion of the subject matter and procedures with a designated professor, and a documented paper covering the subject.

UNDERGRADUATE “G” COURSES

(Two may be taken for graduate credit.)

AC 440G Accounting Theory (3-0-3). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination and the measurement process in accounting.

EC 421G-422G Econometrics (3-0-3) (F-S). Application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. Prerequisite: MATH 105 or equivalent and PERM/INST.

FI 450G Investment Management (3-0-3) (F). Strategies of investing in stocks, bonds, commodities and stock options. Topics include risk-return relationships of various investments; efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model. Prerequisite: FI 300, GB 206 and FI 290.

GB 411G Government and Business (3-0-3) (F). Intensive study of student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations are researched and analyzed as well as selected federal and state regulatory agencies. Prerequisite: GB 201.

MG 400G Operations Management (3-0-3) (S). Qualitative tools needed in the operations and production management fields for effective decision making. The nature of the interactions between the operations manager and the other business systems will be developed. Typical topics include: process design, facilities layout and location, and aggregate planning. Prerequisite: GB 208, 396, MG 301.

MG 405G Decisions Analysis (3-0-3) (S). Decisions analysis tools such as probability assessment, utility theory, certainty models, uncertainty models, and Bayesian statistical inference. Emphasis will be on presenting the tools in actual business applications. Prerequisite: GB 206, MG 301.

MK 415G Marketing Research (3-0-3) (S). Theory and use of research for marketing decisions. Experience in formal research methodology by planning and conducting an actual research project.

MBA — SELECTIVE COURSES

See description in MBA courses for the following:

BE 512 or 514

Computer Applications for Management (3-0-3) (F).

Accting Theory AC 440G

Financial Management FI 530

MG 540 or MK 519

Graduate Economics Elective

See description below for the following:

Advanced Managerial Accounting AC 510

Research in Federal Taxation GB 579

Perspectives in Auditing AC 540

Contemporary Issues in Accounting AC 569

See description in MBA courses for

Business Policy Formulation GB 579 or

Graduate Elective or Professional Paper

If a Professional Paper is selected, it must be an approved topic coordinated and supervised by a committee assigned by the Department of Accounting/Data Processing. If no Business Policy course has been taken previously, GB 579 must be taken for this elective.

Applicants desiring to enter this program should contact the Master of Science Advisor (385-3461) or the Graduate Program Coordinator (385-1125) in order to commence the application process and plan an orderly progression toward the degree.

COURSE OFFERINGS

AC — ACCOUNTING

GRADUATE

AC 510 Advanced Managerial Accounting (3-0-3) (S). Study of information and reporting needs of contemporary management for planning, control and decision-making purposes. Representative topics include developing and reporting useful cost information, cost-volume-profit analysis, operational, cash, capital budgeting, and responsibility accounting.

AC 520 Research in Federal Taxation (3-0-3) (F). Study of the more complex provisions of the Internal Revenue Code pertaining to individuals, partnerships, corporations, and estates and trusts. Tax planning for the business enterprise and the gift taxes are emphasized throughout the course, as is student research into tax problem areas.

AC 540 Perspectives in Auditing (3-0-3) (F). Designed to complete a student's formal education in auditing. Topics include the requirements of the SEC, methods of applying statistical techniques to auditing problems, the auditing of records maintained on computer, and internal auditing practices.

AC 569 Contemporary Issues in Accounting (3-0-3) (S). Designed to familiarize the student with significant unresolved issues currently facing the accounting profession, to examine in depth the various solutions proposed by accounting scholars and others, and to strengthen the student's understanding of today's critical issues in accounting theory.

School of Education

MASTER OF ARTS—ELEMENTARY EDUCATION

GENERAL REQUIREMENTS

Admission will be granted to applicants who hold a Bachelor degree from an accredited college or university and who have some professional relationship to Elementary Education. Candidates must show promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program for which they apply.

Applicants for regular status in the program must have maintained a GPA of at least 3.00 for the last two years of undergraduate study, or an overall GPA of 2.75. Provisional status may be granted to an applicant not meeting the listed requirements.

The name of the faculty member who will serve as chairperson of the candidate's committee is listed in the letter of acceptance to the applicant. Candidates should contact the assigned committee chairperson (advisor) as soon as possible in order to plan a program. Credits taken prior to such planning are subject to the review and approval of the committee chairperson and the Dean of the School of Education prior to acceptance in the planned program.

A maximum of 9 semester graduate credits may be accepted from other graduate schools upon approval of the chairperson of the candidate's committee and the Dean of the School of Education.
Six semester hours of credit will be open for selection in any area of the University's course offerings that will enable the candidate to strengthen a competency in elementary instruction. The candidate, in cooperation with the advisor, will choose courses which will meet the individual's needs as a teacher. Specific courses are listed within each area of emphasis.

**OPTION REQUIREMENTS**

The Elementary Education Graduate Program provides two options within the MA degree requirements: **Option I** — Thesis/Project, and **Option II** — Written Comprehensive Examination.

**OPTION I**

(Thesis/Project)

Required of all candidates — Core Program

Required of all candidates — Fundamentals of Educational Research for Teachers TE 551

Required of all candidates — Thesis/Project

Selected Electives and/or Specific Requirements

A Thesis/Project, as mutually agreed upon by the Option I candidate and the committee, is required of the candidate. Selection of a thesis implies a research emphasis with a thesis format. Selection of a Project directly related to instruction or some other aspect of the elementary program.

**OPTION II**

(Comprehensive Examination)

Required of all candidates — Core Program

Required of all candidates — One of the following:

Fundamentals of Educational Research for Teachers TE 551

Interpreting Educational Research TE 565

Select Electives and/or Specific Requirements

(Thesis/Project not required)

Required of all candidates — A comprehensive written examination at the end of the coursework. This examination is to be tailored by each candidate's committee specifically for that candidate following guidelines established by the Department. After the candidate has written the examination, the committee will meet with the candidate to review and analyze the outcome of the examination and clarify the results prior to final approval or rejection.

**AREAS OF EMPHASIS**

The candidate selects one of five areas of emphasis:

1. **Curriculum and Instruction**
   A program is planned for the person who desires to continue as a generalist in Education.

2. **Content Enrichment**
   The programs are planned for persons interested in subject area specialties such as Art, Mathematics, and Music. The advisor has information regarding approved subject areas.

3. **Early Childhood**
   The program is planned for the person who desires to specialize in Early Childhood Education.

4. **Reading**
   The program is planned for the person who desires to specialize in Reading Education.

5. **Special Education**
   Programs are planned for persons interested in the areas of Learning Disabilities or Mental Retardation.

**REQUIRED OF ALL CANDIDATES**

Core program of 9 credit hours consisting of TE 570, 571, 563 and two 1-credit hour classes is required of each candidate.

Courses are as follows:

- Comprehensive Core of Elementary Education
  TE 570-571, Summer .......................... 6
- Conflicting Values Influencing Education TE 563
  Summer .................................. 1
- Two 1-credit hour classes from the following list:
  Creative Teaching — Secondary School TE 564. Summer. ...... 1

**Additional Elective Courses**

- Diagnosis of Reading Problems TE 502. Spring and Summer .......................... 3
- Remediation of Reading Problems TE 503
  Spring and Summer .......................... 3
- Techniques for Creative Writing in Elementary Schools TE 518. Spring .......................... 3
- Advanced Children's Literature TE 519
  Spring .................................. 3
- Educational Media TE 520. Summer, every other year .......................... 3
- Elementary Physical Education Activities TE 521
  Summer, every other year .......................... 3
- Individualization of Reading Instruction TE 522
  Spring and Summer .......................... 3
- Education for the Culturally Different Learner TE 531. Spring .......................... 3
- Education in Emerging Nations TE 541. Fall and Spring .......................... 3
- Fundamentals of Educational Research for Teachers TE 551. Fall .......................... 3
- Supervision in Schools TE 555. Fall/Spring .......................... 3
- Values & Ideology in Education TE 559. Spring .......................... 3
- Adolescent Psychological Problems P 586. Fall, every other year .......................... 3

**NOTE:** See the listing of courses in the following developmental sections of the Catalog for Elective courses outside of the School of Education: Art, English, Geology, History, Music and Sociology.

**Content Enrichment Emphasis**

(Courses and Requirements)

Candidates complete 12 to 15 credit hours within the area of emphasis. The remaining 3 to 6 credits may be selected from the offerings previously listed.

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GRADUATE SCHOOL

Early Childhood Emphasis
(Courses and Requirements)

Candidates complete 6 credit hours of the required listing and 6 credit hours from the selected electives. The open electives of 6 credit hours are to be selected from the courses listed as selective electives or from other courses that complement the emphasis in Early Childhood.

Required (6)

Childhood Education Research & Review TE 543 3
Advancing Physical & Intellectual Competencies in Early Childhood Education TE 544 3

Selected Electives (6)

Creativity in Early Childhood Education TE 545 3
Diagnosis & Evaluation in Early Childhood Education TE 546 3
Language Acquisition & Development in Early Childhood Education TE 547 3
Program Development in Early Childhood Education TE 548 3

Open Electives (6)

Reading
(Courses and Requirements)

Candidates must complete the 12 credit hours listed below.

Advanced Practices & Principles in Teaching Reading TE 501. Each Semester and Summer 3
Diagnosis of Reading Problems (Directed Experiences in the Reading Center) TE 502. Fall, Summer 3
Remediation of Reading Problems (Directed Experiences in the Reading Center) TE 503. Spring, Summer 3
Seminar in Reading Education TE 504. Fall, Summer 3

Special Education Emphasis
(Courses and Requirements)

LEARNING DISABILITIES

Candidates complete 13 credit hours of the required listing. The remaining 5 hours are to be selected from the elective listing.

Required (13)

Diagnosis of Reading Problems (Directed Experiences in the Reading Center) TE 502. Fall, Summer 3
Remediation of Reading Problems (Directed Experiences in the Reading Center) TE 503. Spring, Summer 3
Development of Skills for Teaching Pupils with Learning Difficulties TE 515. Fall 3
Practicum in Learning Disabilities TE 590. Each Semester, Summer 4

Electives (5)

Instructional Materials for the Exceptional Child TE 440. Fall 3
Behavior Intervention Techniques TE 450G. Spring, Summer 3
Emotionally Disturbed Child in the Classroom TE 423
Physical Education in Special Education PE 594. Summer 2
Counseling & Consulting in the Elementary and Special Classroom P 501. Each Semester 3
Personality Development P 505. Fall 3

MENTAL RETARDATION

Candidates complete 13 credit hours of the required listing. The remaining 5 hours are to be selected from the elective listing.

Required 13

Behavior Intervention Techniques TE 450G. Spring Summer 3
Development of Skills for Teaching the Mentally Retarded TE 517. Spring 3
Practicum in Mental Retardation TE 560. Each Semester and Summer 3
Guidance & Consulting in the Elementary and Special Classroom P 501. Each semester, Summer 4

Electives (5) (only 6 credit hours of undergraduate courses in a program)

Curriculum for the Severely Handicapped TE 422. Fall 3
Teaching the Severely Handicapped TE 432G 3
Instructional Materials for the Exceptional Child TE 440. Fall 3

Child Behavior in Early Childhood Education TE 461. Spring 3
Curriculum in Early Childhood Education TE 461 Spring 3
Individual Tests and Measurements TE 505. Each Semester 3
The Emotionally Disturbed Child in the Classroom TE 523. Fall, Summer 3
Physical Education in Special Education PE 594. Summer 2

MASTER OF ARTS/SCIENCE — SECONDARY EDUCATION

General Information

A Master Degree in Secondary Education with emphasis in the subject areas of Art, Business Education, Earth Science, English, History, Mathematics and Music is presented through the Department of Teacher Education, the related subject department, and the School of Education.

Specific information appropriate to the secondary Master degree encompassing all areas of emphasis is as follows:

1. Each candidate is to have a subject area emphasis within a department or a combination of departments.
2. The degree will include a minimum of 27 hours plus from 3 to 6 semester hours for the culminating activity.
3. Each candidate’s program shall include a minimum of 18 semester credit hours within the area of emphasis.
4. Each department will determine the nature of the culminating activity from (1) a thesis with an appropriate examination, (2) a project with an appropriate examination, or (3) 3 to 6 additional credits with an appropriate examination.
5. The candidate’s committee shall consist of three members with the chairperson from the area of emphasis, one member from the Department of Teacher Education and one from any department.
6. Recommendations for admission shall come from both the School of Education and the involved department.
7. Applicants for regular status in the program must have maintained a GPA of at least 3.00 for the last two years of undergraduate study, or an overall GPA of 2.75. Provisional status may be granted to an applicant not meeting the listed requirements.

Courses in Teacher Education

Required Courses in Education

Candidates are required to complete TE 560 Core in Secondary Education, TE 563 Conflicting Values in Education, and two 1-credit courses from the listing:

Core in Secondary Education TE 560. Summer 3
Conflicting Values Influencing Education TE 563. Summer 3

Two 1-1-credit classes from the following list:

Creative Teaching — Secondary School TE 564 1
Interpreting Educational Research TE 565. Summer 1
Learning Theory & Classroom Instruction TE 566. Summer 1
Teaching Subject Content Through Reading TE 567. Summer 1
Techniques of Classroom Management TE 568. Summer 1
Testing and Grading TE 569. Summer 1
Creative Teaching — Elementary School TE 573. Summer 1

Elective Courses

With the approval of the candidate’s advisor, students may select additional courses from the following list as well as from the 1-credit course listing.

Relating Reading Processes to Secondary School Subjects TE 507. Fall 3
Teaching Reading in the Secondary School TE 508. Spring 3
Education for the Culturally Different Learner TE 531. Spring 3

Education in Emerging Nations TE 541. Fall 3
Fundamentals of Educational Research for Teachers TE 551. Fall 3
Supervision in Schools TE 555. Fall, Spring 3
Values and Ideology in Education TE 559. Spring 3
Seminar Adolescent Psychological Problems P 598.
Fall, every other year .............................. 3
The Sociology of Education SO 501. Summer .... 3

NOTE: Candidates may select appropriate courses from the Elementary Graduate Program course listing when approved by the committee.

COURSE OFFERINGS

PE — PHYSICAL EDUCATION

GRADUATE

PE 521 Elementary Physical Education Activities (3-0-3) (SU). Alternate years. Methods and techniques for classroom and playground activities for physical education; curriculum development will be presented. Emphasis upon corrective physical education procedures will be given.

PE 594 Physical Education in Special Education (2-0-2) (SU). The course is designed to acquaint students with the theories of motor perceptual activity as well as to involve them in a hands-on approach to activity. The students will develop skills in identifying motor problems and plan the remedial needs for correction.

P — PSYCHOLOGY

P 501 Counseling and Consulting in the Elementary and Special Classroom (3-0-3) (F, SU). The practice of processes effective in bringing about change of inappropriate behavior and attitudes; application of evaluative processes fundamental in serving the several areas of the exceptional child are also practiced. Emphasis is on the psychological processes important to the child's development and consulting with others who need to understand the exceptional child. Prerequisite: TE 501. Offered on demand.

P 502 Advanced Educational Psychology (3-0-3). A study of contemporary issues involving both theoretical and methodological considerations in the history and systems of educational psychology will be given. Special emphasis will be given to group behavior in terms of principles relevant to educational objectives. Prerequisite: P 101 and P 355. Offered on demand.

P 503 Individual Testing Practicum (3-0-3) (S). Emphasis on administering and scoring intelligence tests and on test interpretation. Prerequisite: M 115-116, P 305, P 421, PERM/INST. Offered odd numbered years.

P 504 Analysis of the Individual (3-0-3). A study of techniques used in analyzing the individual with emphasis on the elementary level. The course includes observational methods, recording behavior, behavior analysis, interviewing and use of test information. Prerequisite: P 101. Offered on demand.

P 505 Personality Development (3-0-3) (S). Critical consideration of the main personality theories; particularly those which emphasize current concepts regarding learning, perception and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P 101. Offered on demand.

TE — TEACHER EDUCATION

TE 501 Advanced Practices and Principles of Teaching Reading (3-0-3). The total reading process is examined. Areas such as reading, grouping, methodologies, new approaches, dictionary, word attack, and comprehension skills are emphasized. Standardized and informal testing procedures are discussed.

TE 502 Diagnosis of Reading Problems (3-0-3). The role of the special reading teacher and his type of screening devices is developed. Various standardized and informal reading test are put into practice by working with a child in the Reading Center. A case study consummates the course. Prerequisite: TE 501.

TE 503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3-0-3) (SSU). Remediation approaches and techniques for disabled readers are emphasized. Training is fostered by tutoring a child under supervision in the Reading Center.

TE 504 Seminar in Reading Education (3-0-3) (F, SU). This course acquaints the elementary teacher, with the various stages of the process of acquiring spoken and written language. Looks at approaches to facilitate language development in children of standard and non-standard English speaking backgrounds. Focuses on factors which can interfere with or promote the development of language. Odd numbered years.

TE 505 Individual Tests & Measurements (3-0-3) (S). An intensive investigation is pursued in the area of measurement theory followed by practical applications in individual testing and student diagnosis.

TE 507 Relating Reading Process to Secondary School Subjects (3-0-3) (F). This course is designed to develop secondary reading specialists in all academic areas who desire to develop efficient methods of utilizing instructional materials in their content subjects.

TE 508 Teaching Reading in the Secondary School (3-0-3) (S). The course is designed for reading specialists in junior high schools and senior high schools. Specific methods and materials of testing and instruction of students with reading problems will be emphasized. Various standardized and informal tests will be studied and analyzed. Several corrective techniques will be demonstrated and analyzed.

TE 510 Advanced Practices and Principles in Teaching Social Science (3-0-3) (F). A comprehensive study of the practices and principles in social science education, including objectives, social problems, unit development, work-study skills, organization of the program, materials and media, and research findings basic to social studies will be developed.

TE 511 Advanced Practices and Principles in Teaching Elementary School Mathematics (3-0-3) (S). Emphasis on creative methods and strategies for teaching elementary school mathematics. Also includes a review of current research, curriculum trends and exploration of experimentation with unique materials for teaching mathematics.

TE 512 Advanced Principles and Practices in Teaching Language Arts and Linguistics (3-0-3) (F). Emphasis will be given to the role of language arts and linguistics in the school curriculum, stressing modern approaches to language development, semantics, phonetics, phonics, and orthography.

TE 513 Advanced Practices and Principles in Teaching Elementary Science (3-0-3) (F). Current practices and principles in modern elementary science concepts are developed. Emphasis is placed on the selection and organization of content and experimental activities.

TE 515 Teaching Skills for Remediation of Learning Disabled Students (3-0-3) (F). An advanced course in developing skills and techniques in the educational planning and remediation of students with learning disabilities.

TE 516 Teaching Gifted and Talented Students (3-0-3) (S). Teachers and others working with the instructional needs of gifted and talented students will develop skills in the techniques of meeting the educational goals of these exceptional individuals. Methods and techniques of assessing this population will be evaluated as to applicability to other populations.

TE 517 Development of Skills for Teaching Moderately/Severely Handicapped (3-0-3) (S). The techniques and methods applicable for use by teachers of the moderately/severely handicapped. Current issues, philosophies, and research implications for teaching will be emphasized. Prerequisite: TE 423, PERM/INST.

TE 518 Techniques for Creative Writing in Elementary Schools (3-0-3) (S). Methods and techniques for encouraging creative writing in the elementary school.

TE 519 Children's Literature, Advanced Level (3-0-3) (S). Current literature for children, including emphasis upon poetry is presented. Issues in children's book selection are discussed.

TE 520 Educational Media (3-0-3) (SU). This course will acquaint the elementary classroom teacher with the latest educational media available for use. Evaluation of the materials in a media center will be studied. Emphasis upon the use of a curriculum resource center in the local school will be made. Prerequisite: TE 423, PERM/INST.

TE 521 Elementary Physical Education Activities (3-0-3) (SU). Methods and techniques for classroom and playground activities for physical education, curriculum development will be presented. Emphasis upon corrective physical education procedures will be given. Odd numbered years.

TE 522 Individualization of Reading Instruction (3-0-3) (SU). Emphasis upon the individualized approach to reading instruction is developed. Techniques of conferring book selection, skill development and independent language arts activities are explored.

TE 523 The Emotionally Disturbed Child in the Classroom (3-0-3). This course is design to assist teachers, counselors, and administrators in understanding the educational and psychological needs of the emotionally disturbed child. Emphasis is placed upon developing skills in identifying emotional problems and planning the remedial steps needed for correction. Prerequisite: PERM/INST.

TE 524 Education for the Culturally Different Learner (3-0-3) (S). A study of the development of children and adolescents in different cultures in comparative relationship to existing values. The lifestyle of various minority groups and implications for education will be examined. Major topics include culturally different learner; (1) learning styles, (2) media, (3) process of change. Idaho minority groups will be emphasized.

TE 541 Education in Emerging Nations (3-0-3) (F). The course provides an analysis of the relationship between national goals and the educational system in the twentieth century. Contemporary systems will be studied in light of three major factors: (1) religious factors; (2) natural factors such as race, language and environment; (3) secular factors such as Humanism, Socialism and Nationalism.

TE 543 Research and Review in Early Childhood Education (3-0-3) (S). Research in child development and early childhood education will be reviewed and synthesized in a seminar format.

TE 544 Advanced Physical and Intellectual Competencies in Early Childhood Education (3-0-3) (F). This is an advanced course in the role of the teacher in the advancement of physical and intellectual competence of K-3 children. Areas of emphasis will be physical, cognitive, and language development. Odd numbered years.

TE 545 Creativity in Early Childhood Education (3-0-3) (F). A course for early childhood teachers seeking to explore factors associated with creativity, establishing creative learning environments, and techniques and strategies enhancing creative and productive expression in the classroom. Emphasis is placed on designing techniques for creative teaching and on evaluating growth in creativity of children.

TE 546 Diagnosis and Evaluation in Early Childhood Education (3-0-3) (S). Literature review on various tests and assessments for the young child. Students will pursue an area of interest to them and conduct experiences or give established tests to gain knowledge and understanding of that area on how children learn. Odd numbered years.

TE 547 Language Acquisition and Development in Early Childhood Education (3-0-3) (F). Designed for any student with the various stages of the process of acquiring spoken and written language. Looks at approaches to facilitate language development in children of standard and non-standard English speaking backgrounds. Focuses on factors which can interfere with or promote the development of language. Odd numbered years.

TE 548 Program Development in Early Childhood Education (3-0-3) (F). This is an advanced course in education planning to give the student theoretical and practical experience relevant to program design, facilities, staff and administration of early childhood programs. The student will design materials and methods to help the child increase his knowledge of things in his world. Even numbered years.

TE 551 Fundamentals of Educational Research for Teachers (3-0-3) (F). The planning of educational research with emphasis on the nature of scientific inquiry, formulating research and evaluation plans, and critiquing published research.

TE 555 Supervision of Instructional Personnel (3-0-3) (S). A course designed to improve the supervision skills of elementary/secondary cooperating teachers and other supervision personnel. Emphasis is placed on a variety of observation and evaluation strategies designed to improve instruction.

TE 559 Values and Ideologies in Education (3-0-3) (S). Students will analyze and evaluate past and contemporary philosophies and ideologies and the values derived from them as they apply to education.

GRADUATE SCHOOL
GRADUATE SCHOOL

TE 563 Conflicting Values Influencing Education (1-0-1) (SU). Students will explore ideological positions which have affected educational programs and policies. They will be asked to carefully consider their own values and analyze how these positions affect their modes of classroom operation. Prerequisite: Graduate status. Corequisites: TE 570, TE 571.

TE 564 Creative Teaching - Secondary Schools (1-0-1) (SU). The course will explore various approaches to classroom teaching methodology and atmosphere which are innovative and creative.

TE 565 Interpreting Educational Research (1-0-1) (SU). This course will prepare students to read, understand, and critically analyze educational research in their own fields. It includes basic research terminology, strengths and weaknesses in research design, and interpretation of research results. Corequisites: TE 570, TE 571.

TE 566 Learning Theory and Classroom Instruction (1-0-1) (SU). A graduate level course designed to provide an introduction to current learning theories and how these in turn affect classroom instruction, textbook development and curriculum trends.

TE 567 Teaching Subject Content Through Reading (1-0-1) (SU). The course is intended to introduce a few basic concepts of reading instruction, and then apply them to classroom teaching in secondary subjects.

TE 568 Techniques of Classroom Management (1-0-1) (SU). This course will explore approaches to effectively working with students in elementary and secondary classrooms. Skill development and theoretical considerations related to developing healthy and productive learning environments will be emphasized.

TE 569 Testing and Grading (1-0-1) (SU). This course will include an introduction to the theories and fallacies of testing and grading. Problems and methods of constructing teacher-made tests will be included, with practice in designing better tests and systems of grading. Corequisites: TE 570, TE 571.

TE 570 Graduate Core Issues in Education (3-0-3) (SU). This course is part of the graduate education core. The content of this course varies, depending upon the current educational issues, but does always include readings, large group presentations, and small group discussions over philosophical, psychological, and sociological aspects of education.

TE 571 Graduate Core Directed Writing (3-0-3) (SU). This course is part of the graduate education core. Included in this course is a series of classes designed to familiarize students with elements of writing style and library research. Students will select a topic and write a formal paper on an issue raised in core. Corequisite: TE 570.

TE 573 Creative Teaching - Elementary School (1-0-1) (SU). An exploration into the meaning of creative teaching and learning. Emphasis on establishing environments which foster creativity and strategies which encourage creative thinking and behavior. Special emphasis on designing practical classroom techniques for the teacher's classroom and evaluating creative growth of children.

TE 581 Curriculum Planning and Implementation (3-0-3) (S). This is a general course for practicing teachers intended to give them a foundation in curriculum theory and practice. They will develop understanding of how curriculum is developed, organized, implemented, and evaluated. Current issues and trends in curriculum with some historical perspective, will be explored.

TE 590 Practicum This course is designed to provide laboratory experiences that allow for the application of methodology, strategies, teaching skills and research related to the specific needs of the student. Arrangement prior to enrollment must be made with the instructor, required for teaching exceptional students.

TE 591 Project (0-12-6).

TE 593 Thesis (0-12-6).

MASTER OF ARTS, SECONDARY EDUCATION* Art Emphasis

ADMISSIONS AND PROGRAM

A. The Master Degree in Secondary Education, Art Education Emphasis, will be designed to meet the needs of the practicing junior high or high school art specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must ordinarily be currently certified as a secondary school art specialist, agree to begin the process toward attaining this certification while working on the degree, or obtain a waiver from the Department of Education.

B. The following will be submitted to the Art Department Admissions Committee:

1. Three letters of recommendation from Art educators or professional persons who are acquainted with the student's academic qualifications to pursue graduate study.
2. A minimum of twenty slides or a portfolio of recent Art work.
3. A statement of the student's professional objectives and philosophy of Art Education and how these will be furthered by graduate study.

C. Program areas of study are as follows:

1. Required Courses:
   a. Art Appreciation in the Educational Program AR 501

Special Methods: Curriculum Development

In Art Education AR 551

Project AR 591

Thesis (or additional hours) AR 593

Secondary Education Core Courses TE 560

2. Studio or Content: Six credits in the studio. Studio concentration and emphasis will be determined by the student and his committee.

3. Electives: The remainder of the student's work may be elected in relation to his background, interests, and professional objectives in consultation with his major advisor and committee.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the Legislature.

AR—ART COURSES

AR 501 Art Appreciation in the Educational Program (3-0-3) (F). A historical and contemporary survey of modern art movements since 1900. Emphasis will be placed on understanding the motivations behind the current trends and interpretations of the ideas and symbols. Also emphasized will be communication of this understanding to the various age groups represented on the secondary school level. Prerequisite: Graduate status or PERM/INST.

AR 521 Teaching Through Experimental Art Media (0-6-3) (SU). (Previously approved for Elementary Master's Degree). Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required, as well as a written paper. Prerequisite: Graduate standing. Summers only by request.

AR 522 Teaching Through Experimental Art Media (0-6-3) (SU). Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required, as well as a written paper. Prerequisite: Graduate standing. Summers only by request. Alternate years.

AR 551 Special Methods: Curriculum Development in Art Education (3-0-3) (F). Designed for the secondary school art teacher, this course will be geared to creative curriculum planning. It will be held in a workshop seminar format to facilitate student interaction and the opportunity to experiment and develop new ideas. Prerequisite: Graduate status or PERM/INST.

AR 580-589 Series Selected Topics (3-0-3). An opportunity for the student to work independently with a particular teacher in a specific area or media. A total of nine credits allowable which can be divided into several areas or concentrated, distribution determined by the graduate student and committee.

AR 580 Selected Topics — Drawing

AR 581 Selected Topics — Painting

AR 582 Selected Topics — Crafts

AR 583 Selected Topics — Sculpture

AR 584 Selected Topics — Ceramics

AR 585 Selected Topics — Textiles

AR 586 Selected Topics — Printmaking

AR 587 Selected Topics — Designing

AR 588 Selected Topics — Illustration

AR 589 Selected Topics — Art History

AR 591 Project (6 credits). See below.

AR 593 Thesis (V-V-V). The thesis, or culminating project, may be defined, but is not limited to a combination of any two of the following projects:

A. A scholarly paper embodying results of original research which are used to substantiate a specific view.
B. Three written reports directed toward the student's particular area of study.
C. A curricular proposal in written form which could be considered for implementation in the schools.
D. A one-person art show with a full faculty review.
E. A submitted portfolio of work with a full faculty review.

Prerequisite: Graduate status.

AR 598 Seminar in Art (3-0-3) (S) (Previously approved for Elementary Master's Degree). Upon selection of an approved topic, the student will research it thoroughly, present an annotated bibliography, and present an oral report of the topic, utilizing visual material in its presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing.

CM — CHEMISTRY COURSES

C 401G Advanced Inorganic Chemistry (3-0-3) (F). Quantum mechanical overview of atomic and molecular structure, bonding in ionic, covalent, and complex ions, nomenclature, and selected properties of elements of the periodic table and organic compounds. Prerequisite: Physical Chemistry, C 320 or PERM/INST.

C 411G Instrumental Analysis (3-3-4) (S). Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. Prerequisite: Quantitative Analysis C 211 and Organic Chemistry C 320. C 320 may be taken concurrently with C 411.
C 431G Introduction to Biochemistry (3-0-3) (F). A study of the chemistry of biologically important compounds, and an introduction to metabolism. Prerequisite: C 318.

C 432G Biochemistry Laboratory (0-3-1) (S). Identification, isolation, and reaction of biologically important compounds. Prerequisite: C 431 or concurrent enrollment.

C 433G Biochemistry (3-0-3) (S). The function of biological compounds, including intermediary metabolism and synthesis of proteins. Cellular control mechanisms of these processes are integrated into the material studies. Prerequisite: C 431.

C 501 History of Chemistry (3-0-3). The study of the development of chemistry from its early stages through alchemy. Emphasis will be placed on the development of chemical concepts, the important contributors to these concepts, and the interrelationships between chemistry and the general course of history. Prerequisite: Two years of college chemistry and one year of history or PERMIINST. Offered on demand.

C 583 Spectroscopy (3-0-3). Concepts and practical usage of ultraviolet, infrared, nuclear magnetic, and mass spectroscopy. Emphasis will be placed on use of instruments and interpretation of spectra. Prior knowledge of spectroscopy not required. Prerequisite: Eight hours of general chemistry and six hours of organic chemistry. Offered on demand.

C 509 Chemistry of Life Processes (3-0-3). The course introduces the student to basic concepts of biochemistry associated with a coverage of current topics ranging from allied health field areas to environmental chemistry. Classroom demonstration material will be correlated with lecture material. Prerequisite: One year of general chemistry and organic chemistry. Offered on demand.

C 511 Advanced Analytical Chemistry (3-0-3). Stoichiometry involved in separations and instrumental methods of analysis. The course will be flexible in nature to adapt to the varied background of the expected students. Prerequisite: Quantitative Analytical Chemistry or PERMIINST. Offered on demand.

C 515 Nuclear and Radiochemistry (3-0-3). Atomic and nuclear structure, radioactivity, nuclear reactions, radioactive decay laws, interaction of radiation with matter, detection chemistry. Offered on demand.

MASTER OF ARTS — SECONDARY EDUCATION, Business Education Emphasis

ADMISSIONS AND PROGRAM

A. The Master Degree Program is designed to meet the needs of business teachers. Because of the large number of business courses offered at the secondary level and because of the unique delivery systems at that level, the program is designed with the flexibility and breadth considered necessary to meet a wide range of needs of those students enrolling.

Admissions will be granted to applicants who hold a Bachelor degree from an accredited college or university and who meet the admissions requirements for the degree.

Before advancement to candidacy can be granted, the student must:

1. ordinarily show eligibility for certification by the State of Idaho (or any other state), and

2. have completed the following prerequisite courses or their equivalent:
   a. Principles of Accounting .......................... 6
   b. Principles of Economics .......................... 6
   c. Business Law ...................................... 3
   d. Data Processing ................................... 3
   e. Marketing .......................................... 3

B. Program Requirements: A maximum of 14 credit hours may be taken from the School of Business courses excluding the listed BE courses.

1. Secondary Education Core Courses (see page 102 Teacher Education) .................................. 6

2. Business Courses chosen from: .............. 12
   a. Business Education:
      Graduate Study in Business Education
      BE 511 (required) ...................................... 3
      Curriculum and Instruction in Shorthand, Transcription & Office Procedures BE 520 .............. 3
      Curriculum & Instruction in Typewriting, Bookkeeping-Accounting & Data Processing BE 530 .............. 3
      Curriculum & Instruction in Basic Business and Economics BE 540 .................................. 3
      Organization & Supervision of Business Education BE 571 ................................................. 3
      Directed Research or Project .......................... variable
      Workshop in Business Education or Office Procedures OA 501 ........................................... 3
      Principles & Organization of Vocational Education Programs BE 441G ................................. 3
   b. Business Administration (minimum) .................. 3
      Administration & Coordination of Cooperative Programs BE 443G ........................................ 3
      Business Administration (minimum) ................. 3
      These credits chosen from MBA courses and/or G courses offered by Departments of Accounting and Data Processing, Management and Finance, Marketing and Mid-Management, Economics, and Mathematics. 3-6
      These credits must be taken in business administration.

3. Free Electives ........................................... 9

4. Option of:
   a. Thesis BE 593 ......................................... 3-6
   b. Project BE 591 ........................................ 3-6
   c. Additional coursework ................................ 3-6
   d. Any approved 400 level G courses .............. 6

COURSE OFFERINGS

A. Required Courses:

1. Secondary Education Core Courses TE 560 .............. 6
2. Graduate Study in Business Education BE 511 .............. 3
3. Thesis BE 593 or Project BE 591 .................. 3-6
   a. The Department recommends a thesis or project. However, the option of additional hours in Business Education is available upon approval of the committee chairman.
   b. Elective Courses:

   Additional courses as selected by the student and his graduate committee to meet program requirements.

ADDITIONAL INFORMATION

A. Culminating Activity and Examination.

Students electing a thesis as a culminating activity will take an oral examination covering the thesis.

Students electing additional coursework will take a written examination covering coursework completed in their degree program. Students electing a thesis as a culminating activity will take a written and/or oral examination covering coursework completed in their degree program.

B. While any Master of Business Administration course may be used in the requirement outlined in 2.b. above, the following are considered to be courses most likely to be chosen:

Business and Its Environment GE 510
Business Research and Communications BE 512
Marketing Management MK 519
Accounting-Planning and Control AC 532
Human Resources Management MG 541
Economics of Public Policy EC 560

For additional details contact Department Chairman, Department of Business Education and Office Administration, (208) 385-3451.

BE — BUSINESS EDUCATION

GRADUATE

BE 511 Graduate Study in Business Education (3-0-3). Study of professional business education including history, philosophy, psychology, and issues and trends. Each area is considered in relation to business education in the public schools. Prerequisite: Graduate status and PERMIINST.

BE 520 Curriculum and Instruction in Shorthand, Transcription, and Office Procedures (3-0-3). Study of various techniques available for the improvement of instruction in shorthand, transcription, and office procedures. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: PERMIINST.

BE 522 Curriculum and Instruction in Typewriting, Bookkeeping — Accounting and Data Processing (3-0-3). A study of various techniques available for the improvement of instruction in bookkeeping — accounting, data processing, and typewriting. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: PERMIINST.

BE 540 Curriculum and Instruction in Basic Business and Economics (3-0-3). A study of various techniques available for the improvement of instruction in Basic Business and Economics. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: PERMIINST.

BE 571 Organization and Supervision of Business Education (3-0-3). Administrative and supervisory problems in business education especially from the point of view of the teacher. A study of problems of the business teacher beyond those involved in the classroom teaching. Areas of study include student services; equipment and supplies; in-service programs; research; program evaluation and development; public and staff relations. Prerequisite: PERMIINST.

BE 591 Project (3-6 credits).

COURSE OFFERINGS

BE 511 Graduate Study in Business Education (3-0-3). Study of professional business education including history, philosophy, psychology, and issues and trends. Each area is considered in relation to business education in the public schools. Prerequisite: Graduate status and PERMIINST.

BE 520 Curriculum and Instruction in Shorthand, Transcription, and Office Procedures (3-0-3). Study of various techniques available for the improvement of instruction in shorthand, transcription, and office procedures. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: PERMIINST.

BE 522 Curriculum and Instruction in Typewriting, Bookkeeping — Accounting and Data Processing (3-0-3). A study of various techniques available for the improvement of instruction in bookkeeping — accounting, data processing, and typewriting. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: PERMIINST.

BE 540 Curriculum and Instruction in Basic Business and Economics (3-0-3). A study of various techniques available for the improvement of instruction in Basic Business and Economics. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: PERMIINST.

BE 571 Organization and Supervision of Business Education (3-0-3). Administrative and supervisory problems in business education especially from the point of view of the teacher. A study of problems of the business teacher beyond those involved in the classroom teaching. Areas of study include student services; equipment and supplies; in-service programs; research; program evaluation and development; public and staff relations. Prerequisite: PERMIINST.

BE 591 Project (3-6 credits).
GRADUATE SCHOOL

BE 593 Thesis (3-6 credits). The scholarly pursuit of original work through research. Prerequisite: Admission to candidacy.

BE 598 Directed Research (variable credits). Opportunity for the student to pursue a topic of interest on an individual basis. Prerequisite: Graduate Status and PERM/INST.

BE 599 Workshop in Business Education (1-3 credits). Intensive study of a selected topic in business education. May be repeated for a maximum of 3 credits.

GA 581 Office Systems and Procedures (3-5). A study of advanced systems and procedures currently in use in business offices. Automated office procedures, word processing, cost analysis and control, personnel procedures, systems analysis and flow charting, work flow, supervisory techniques and responsibilities, communications and information systems, records management, and the preparation of office manuals.

MASTER OF SCIENCE, SECONDARY EDUCATION, Earth Science Emphasis

The curriculum for the Master of Science in Secondary Education, Earth Science Emphasis, is intended to provide education for Earth Science teachers. The course can be taken for current and developed data in the discipline. The planning, preparation, and conducting of laboratory investigations and outdoor field trip activities are emphasized. Because of the great variety of background training of present secondary Earth Science teachers, the course offerings have been chosen and designed to allow maximum flexibility for the individual in the programs. A preliminary examination, oral or written, will be administered to each candidate.

Required courses include TE 560, GO 598 and a final thesis, project, or additional courses as determined by the committee. All other courses to be taken in the degree program are planned by the student and his graduate committee. A final comprehensive oral or written examination over coursework or the thesis or project is required.

COURSE OFFERINGS

GO — GEOLOGY COURSES

GRADUATE

GO 511 Environmental Geology (3-0-3) (F). Land-use planning, techniques for investigation of surficial materials and water resources. Geologic hazards, surficial deposits and their engineering and hydrologic properties, ground and surface water, waste disposal. Term report required; credit required. This undergraduate credit by filling out necessary forms. Prerequisite: GO 221, P 102, or PH 220.

GO 521 Advanced Topics in Earth Science (3-0-3) (SU). The study, review, and discussion of literature, demonstrations, teaching aids and field trips relative to geology, astronomy, meteorology and oceanography. The course provides knowledge, skills and material resources that can increase the students' capabilities to teach earth science in elementary and secondary schools. Prerequisite: Graduate status or PERM/INST.

GO 531 Regional Geology of North America (3-0-3) (S). A systematic study of the geologic provinces of North America with special emphasis on geological relationships and physical evolution. Each province is investigated in terms of its structural and geologic history and mineral resources. Prerequisite: Graduate status or PERM/INST.

GO 541 Methods and Techniques of Gathering, Measuring and Testing Geologic Data (3-0-3) (F). A study of correct and approved ways to collect representative field samples of rocks, minerals, fossils, etc., to measure topographic, structural and stratigraphic entities; to analyze and classify statistically sedimented, petrologic and mineralogic samples with laboratory techniques, and to log subsurface data. Prerequisite: PERM/CHMN.

GO 551 Current Topics in Geology (3-0-3) (S). An investigation of current research, debates and developments regarding practical, as well as theoretical, issues in Geological Science. Prerequisite: Graduate status or PERM/INST.

GO 561 Earth Science Teaching Techniques (3-0-3 or 4-0-4) (F/S). This course is a study of the objectives, methods, and materials of instruction in Earth Sciences. Emphasis will be placed on the preparation, presentation and evaluation of lectures, laboratory exercises and field trips. This course provides the student with internship experience in the laboratory and lecture classroom. Prerequisite: Graduate status of PERM/INST.

GO 571 Geochemistry (3-0-3) (S). Chemical equilibrium applied to natural water systems, accretion and reduction in sedimentation and genesis, methods of exploration geochemistry, crystallization of rocks, ore-forming solutions, isotope geochemistry. Field trip required. This course can be taken for undergraduate credit by filling out necessary forms. Prerequisite: GO 210, C 113, M 204.

GO 591 Project (0-3 to 6). A field, laboratory or library investigation. The student will select a project according to his own interest and pursue it to a logical conclusion. Weekly progress meetings are held with the instructor and a final report is required. Prerequisite: Graduate status and 15 credits in Earth Science (3-0-3) (S). This project report must be submitted at the meeting of Earth Science professionals is required. Prerequisite: Admission to candidacy.

GO 598 Directed Research (0-1 to 6). Field, laboratory or library research project. Student may work on his own problem or select from a list provided by instructor. Weekly progress reports, final report. Prerequisite: Physical Geology or Fundamentals of Geology and/or PERM/INST.

GO 599 Workshop in Business Education (1-3 credits). Intensive study of a selected topic in business education. May be repeated for a maximum of 3 credits.

GS — GENERAL SCIENCE

GS 501 History of Science (3-0-3) (F/S). This is a survey of human's efforts to understand the natural world. "Ancient Science" is presented as an introduction to the evolution of science since the 16th century. "Modern Science" is presented with emphasis on the development of modern scientific thought. Historical illustrations of the nature of scientific research in the evolution of science are presented. This course may be taken for either H/ or GS credit, but not both.

MASTER OF ARTS, SECONDARY EDUCATION, English Emphasis

Applicants who have at least twelve semester credit hours of Upper Division work in English with a grade point of 3.00 in those courses and who meet general graduate school requirements will be accepted as regular graduate students. Students who do not have the required Upper Division English work will be admitted on a provisional basis and will be advised as to what steps to take to qualify for regular status.

PROGRAM REQUIREMENTS

The course of study for the Master of Secondary Education with an English Emphasis will consist of a minimum of 33 hours to be chosen by the student and his advisory committee from one of two alternatives.

1. An introductory seminar, 12 hours of graduate English courses, a thesis or project 6 hours from the Education core, and 9 hours of general graduate Electives. At least 9 hours of the English courses must be at the 500 level.

E 500
E 593 or E 595
Graduate English Electives (except E 501)
Education Core TE 560
General Graduate Electives (may include E 501)

2. An introductory seminar, fifteen hours of graduate English courses, six hours from the Education core, nine hours of general graduate Electives and a written and oral examination on graduate English coursework. At least twelve hours of the English courses must be at the 500 level.

E 500
E 593 or E 595
Graduate English Electives (except E 501)
Education Core TE 560
General Graduate Electives (may include E 501)
Examination on English Coursework

E — ENGLISH COURSES

GRADUATE

The Introductory Seminar (E 500) is prerequisite to other 500 level seminars. However, with the consent of the student's committee, the student may concurrently take another seminar. With the exception of E 501 and E 597, all seminars will be in specified areas of American and British literature and linguistics, though they may cover influence from other literatures. A maximum of 6 hours in 400G English courses may be substituted for seminar work in the English core. E 501 may be taken as a general elective, but may not be counted toward a student's English core.

Since the content of courses E 501, 520, 530, 540, 550, 560, 507 and 497 may vary from term to term, a student may repeat any of these courses for credit but may not count more than 6 hours toward his English core.

COURSE OFFERINGS

E 487G Modern British and American Poetry (3-0-3) (F/S). A study of the radical changes Eliot, Pound, Yeats, and others made in poetry's traditional aesthetic and thematic concerns early in this century. The course traces poetry's continuing metamorphosis into the present day. Prerequisite: Three credits literature of PERM/CHMN.

E 488G Methods and Theories of Literary Criticism (3-0-3) (S). A detailed study and application of major critical methods and theories. Prerequisites: E 393 or CHMN.

E 500 Introductory Seminar (3-0-3) (F/S). An introduction to bibliography and orientation to sources of information. Studies research a concept or problem in literature or writing under supervision. Prerequisite: Admission to graduate program or PERM/CHMN.

E 501 The Teaching of Writing (3-0-3) (F/S). Theories and methods of teaching writing for experienced teachers. Special emphasis on new discoveries about the learning process in writing courses and on the teacher's role in helping individual students. Prerequisite: E 500 and teaching experience or PERM/CHMN.
E 505 Linguistics (3-0-3) (F/S). Modern linguistic theories and their application to literature and teaching English. An examination of how various grammatical models represent the complexities of language sound, sequence, and structure. Application of theory to practical situations at work. Prerequisite: E 500 or PERM/CHMN.

E 510 Major Author (3-0-3) (F/S). A consideration of minor and major artistic creations of an author with attention devoted to major influences on the writer and his influence on literature and teaching English. An examination of how various grammatical models represent the complexities of language sound, sequence, and structure. Application of others. Aspects of investigation to include the life of the author and its relation to his work, the texture and culture of the times, his place and stature in the genres in which he worked, his use or disregard of tradition, as well as an investigation of contemporary criticism and critical evaluation since his time. Prerequisite: E 500 or PERM/CHMN.

E 520 Genre (3-0-3) (F/S). A study of a well-defined literary category, such as novel, short story, epic or tragedy. Examination of representative texts in order to discover evolution of a specific literary genre while at the same time establishing its typical features. Prerequisite: E 500 or PERM/CHMN.

E 530 Period (3-0-3) (F/S). A study of a selected chronological period of American or British literature with focus on major author’s genres, or topics. Prerequisite: E 500 or PERM/CHMN.

E 540 Myth In Literature (3-0-3) (F/S). An exploration of the use of myth in literature as a source of content and structure. The nature and working of myth and the way it enters conscious creation of art. Themes such as the quest, the initiation, the Adamic myth in American literature of functions of myths in the works of major authors may be explored. Prerequisite: E 500 or PERM/CHMN.

E 550 Literature and Culture (3-0-3) (F/S). The interaction between a body of literature and the social economic and political forces that characterize the culture in which it originates. The influence of culture on literary form and content. Prerequisite: E 500 or PERM/CHMN.

E 560 Folklore (3-0-3) (F/S). Materials selected from oral tradition and culture with attention to aspects of collecting, classifying, comparing, and archiving. Theories of folklore composition transmission, and function will be related to the occurrence of folklore. Prerequisite: E 500 or PERM/CHMN.

E 570 Literary Movements (3-0-3) (F/S). A focus on a significant literary movement, the works of its major and minor contributors, its theories and practice, its relation to its time, its place in literary history, its influence on writers past and present. Prerequisite: E 500 or PERM/CHMN.

E 581 Literature for Use in Junior and Senior High Schools (3-0-3) (F). A literary content course for prospective teachers of secondary school English. Primary emphasis on critical reading of literature for adolescents in secondary school. Secondary emphasis on methods of analysis appropriate to students. All genres as well as classic and popular authors. Prerequisite: E 102, two literature courses or PERM/CHMN.

E 593 Thesis (V-o-V). A scholarly paper containing the results of original research. Prerequisite: Admission to graduate program or PERM/CHMN.

E 598 History Seminar (3 credits). Discussion concentrates on written history and the problems of interpretation. Oral and written assignments. Prerequisite: Admission to graduate program or PERM/CHMN.

E 599 History Seminar (3 credits). Discussion concentrates on written history and the problems of interpretation. Oral and written assignments. Prerequisite: Admission to graduate program or PERM/CHMN.

COURSE OFFERINGS

HY - HISTORY COURSES

HY 334g United States Social and Cultural History (3-0-3) (F/S). Selected themes from colonial times to the present. The nature and meaning of the national experience, customs, traditions and intellectual developments. HY 151, 152 recommended.

HY 423g European Diplomatic History 1871 - PRESENT (3-0-3) (F/S). Major problems in European diplomacy since 1871: search for security after unification of Germany, potential collapse of Ottoman Empire, imperialism in Africa and Asia, alliance systems, origins of world wars one and two, cold war and merging of European diplomacy into world diplomacy. Alternate years.

HY 500 Historians and Historical Interpretation (3-0-3). A study of major historians and schools of historical interpretation from Ancient Greece to the twentieth century. Discussion concentrates on written history and the problems of interpretation. Oral and written participation and a major paper are required. Prerequisite: Admission to graduate program or PERM/CHMN.

HY 591 History of Science (3-0-3). A survey of man’s efforts to understand the natural world from the ancient world to the present including pre-scientific assumptions, the evolution of science since the 18th century, and the development of modern scientific thought. May be taken for either HY or GS credit, but not for both.

HY 592 Teaching History in Secondary Schools (3-0-3). An inquiry into the philosophy of history, a consideration of the relationship of the discipline to other social studies and other fields of knowledge, and a survey of various techniques available to teachers of history at the secondary school level. Prerequisite: Admission to the graduate program or PERM/CHMN.

HY 593 History of Western Thought (3-0-3). History of Western Thought beginning with the Ancient Near East to the Renaissance and Reformation. A study of intellectual and cultural trends reflected in Western religious and philosophical literature. Prerequisite: Admission to the graduate program or PERM/CHMN.

HY 594 History of Western Thought (3-0-3). History of Western Thought from 1500 to the present. A study of intellectual and cultural trends reflected in Western religious and philosophical literature. Prerequisite: Admission to the graduate program or PERM/CHMN.

HY 595 Sources of American Values (3-0-3). The origins of American thought and culture, the Puritan mind, enlightenment ideas, the intellectual climate of the new nation, and an exploration of American values on the eve of the Civil War. Laissez-faire capitalism thereafter and the reaction to industrialism. Prerequisite: Admission to the graduate program or PERM/INST.

HY 596 Graduate Seminar in U.S. History (3-0-3). A study of the principal themes or problems within well-defined periods of particular fields of U.S. History. Emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or PERM/CHMN.

HY 597 Graduate Seminar in European History (3-0-3). Critical analysis of source materials and historical literature on a topic of restricted scope in European history. Prerequisite: Admission to graduate program or PERM/CHMN.

HY 598 Graduate Seminar in Third World History (3-0-3). Critical analysis of source materials and historical literature on a topic of restricted scope in Third World history. Primary emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to graduate program or PERM/CHMN.

HY 599 Project (3 credits).

HY 599 History Colloquium (3 credits).

HY 599 Research and Thesis (6 credits).

HY 599 History Seminar (3 credits).
MASTER OF SCIENCE, SECONDARY EDUCATION,
Mathematics Emphasis

A. The Master of Secondary Education with a Mathematics Emphasis may be obtained through any of the following 3 options:

1. The 30 Hour Examination Option
   a. Secondary Education Core
   b. Mathematics Sequence & Seminar
   c. One Mathematics Course exclusive of M 503, 504, 561
   d. Mathematics Electives
   e. Free Electives
   f. A written exam over Mathematics coursework
   g. An oral exam over all coursework included in the student's program.

2. The 33 Hour Project Option
   a. Secondary Education Core
   b. Mathematics Sequence, Mathematics Seminar
   c. Mathematics Electives
   d. Free Electives
   e. A written exam over Mathematics coursework

3. The 33 Hour Thesis Option is the same as the Project Option except that M 591 is replaced with M 593.

B. Mathematics Requirements

1. Required Courses
   - Real Analysis I, II (M 501, 502 or M 541, 542)

2. Elective Courses
   - Additional courses as planned by the student and his graduate committee to meet program requirements.

C. Additional Information

1. Credit in Workshop (M 594, 599) is limited to a total of 3 credits to be applied to partial fulfillment of the requirements for the emphasis in Mathematics.

2. Some students may be required to remove deficiencies before admission to candidacy. Students with strong undergraduate Mathematics may apply to challenge, waive, or replace parts of the emphasis requirements.

3. Students considering this program should consult with the Chairman of the Mathematics Department. Enrollment in graduate courses has been such that completion dates for this program cannot be guaranteed.

COURSE OFFERINGS

MATH — MATHEMATICS COURSES

GRADUATE

M 406G Theory of Functions of a Complex Variable (3-0-3) (F). Complex numbers, functions of a complex variable, analytic functions, infinite series, integration, conformal mapping. Prerequisite: M 206 or 212.

M 431G-M 432G Probability and Statistics (3-0-3) (F/S). Basic concepts of probability theory, sample spaces, random variables, mathematical expectation, central limit theorem, estimation and testing of hypotheses. Prerequisite: M 206 or 212.

M 436G Linear Programming (4-0-4) (S). Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M 301. Odd numbered years.

M 501-502 Real Analysis I, II (3-0-3). The real number system, set theory and metric spaces. Sequences and series. Continuity of real functions. Differentiation. The Riemann-Stieltjes integral. Sequences and series of functions. Prerequisite: M 314 or PERM/INST.

M 520 The Teaching of Algebra (3-0-3). Contemporary approaches to teaching secondary school algebra: treatment of selected topics in modern algebra; methods and materials; research relevant to the teaching of algebra. Prerequisite: M 302.

M 504 The Teaching of Geometry (3-0-3). Contemporary approaches to teaching secondary school geometry: treatment of selected topics in geometry; methods and materials; research relevant to the teaching of geometry. Prerequisite: M 311.

M 505 Foundations of Mathematics (3-0-3). The axiomatic method and its role in modern mathematics. The role of the theories of sets and groups in the development of mathematics. Modern philosophies of mathematics. Prerequisite: M 302 or PERM/INST.

M 511 General Topology (3-0-3). Set, separation axioms, topologies, connectedness, compactness, generalized convergence, continuity, product spaces. Prerequisite: M 501 or M 505 or PERM/INST.

M 551-552 Abstract Algebra I, II (3-0-3). Mappings, the integers, groups, sub-groups, morphisms, rings, integral domains, polynomial rings, fields, field extensions. Prerequisite: M 301, 302 or PERM/INST.

M 547 History of Mathematics (3-0-3). The course is designed for mathematics teachers in the secondary schools. The course consists of two parts: the first part traces the development of algebra, geometry, analytic geometry and calculus to the 19th century; the second part gives a brief introduction to, and history of, some of the developments in mathematics during the last century. Prerequisite: PERM/INST.

M 551 Mathematics for Operations Research (4-0-4) (F/S). The mathematics techniques used to solve problems involving several variables. Linear systems, matrices, linear programming with simplex method, differential and integral calculus with emphasis on applications in management decision situations. Prerequisite: PERM/INST.

M 564 Mathematical Modeling (3-0-3) (SU). Digital computer programming in FORTRAN OR BASIC. Difference equations, their solutions, stability, equilibrium values, and their use in computer simulation. Applications to demography and economics. Prerequisite: PERM/INST.

M 571 Mathematics Curriculum: 7-12 (3-0-3). The history of the 7-12 mathematics curriculum; content, special programs, and trends in mathematics programs; organization of the curriculum; study of reports and recommendations; curriculum development projects. Prerequisite: One year's experience in teaching junior or senior high mathematics.

M 591 Project (May be taken for 3 to 6 credits). A project may include, but is not limited to, a library research paper, educational research or written curriculum with teaching materials. The student must be admitted to candidacy.

M 593 Thesis (May be taken for 3 to 6 credits). Original mathematical research or a new interpretation or novel exposition of existing mathematics. Course is arranged with supervising faculty member. Prerequisite: Admission to candidacy.

M 596 Seminar in Mathematics (3-0-3). The content will vary within a format of student presentations and discussion of newly advanced mathematical topics selected from texts or mathematical journals. This will not be a seminar in mathematics education.

MASTER OF ARTS, SECONDARY EDUCATION,
Music Emphasis

ADMISSIONS AND PROGRAMS:

A. The Master Degree in Secondary Education, Music Education Emphasis is designed to meet the needs of the practicing junior high or high school Music specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must either be currently certified as a secondary school Music specialist, or agree to begin the process toward attaining this certification while working on the degree. Before advancement to candidacy can be granted, the student ordinarily must show eligibility for certification by the State of Idaho (or any other state). Admission will be granted to applicants who hold a Bachelor's degree from an accredited college or university, and who give promise of meeting the standards set by the Music Department.

B. All regular and provisional graduate students will be required to take diagnostic examinations during the first part of their first semester in attendance. The purpose of these examinations is to determine the student's strengths and weaknesses so that the student and his committee will be able to set up a program according to the student's needs. The examinations will be in the areas of Music Education, Music History, Music Theory, and performance. The results of these examinations will be interpreted by the faculty of the Music Department. The student's advisor will consult with the student about action towards remedying any deficiencies. Any undergraduate course used to make up the deficiencies will not count toward the Master degree. A student who has any deficiencies will be granted Provisional Status only in the graduate program. When all deficiencies are removed, the student may then seek Regular Status. A description of the material covered on these examinations is available from the Music Department.

REQUIREMENTS

A. Required Courses:

1. Introduction to Research Materials in Music Education MU 503

2. New Developments in Music Education MU 570

3. Additional coursework or Culminating Project MU 581 defined as but not limited to any of the following: 3-6
   a. A library research paper which fits the educational needs of the student.
   b. A curriculum proposal in written form which could be considered for implementation in the schools.
   c. A lecture/recital with a written paper discussing aspects of music which is performed, stylistic considerations, etc.

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d. A written examination of 5 questions chosen by the student’s committee chairman from a list of 20 submitted by the student.

4. Secondary Education Courses to include:
Secondary Education Core TE 560 .......................... 6

30-33

B. Elective Courses:
Additional courses as planned by the student and his graduate committee.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the Legislature.

MC — MUSIC, PRIVATE LESSON"

PERFORMANCE STUDIES

GRADUATE

Students will be assigned on the basis of an audition. Performance, Technical Study, Musical Interpretation, Literature, and Teaching Technique will be stressed.

The format of the classes will be directly related to the size of the enrollment: i.e., choir, chamber ensemble or collegium musicum.

Areas to be covered include vocal methods and techniques, rehearsal techniques, organization and supervision and administration covering areas such as budget, scheduling, curriculum, personnel and philosophy.

MU — MUSIC, GENERAL

MU 501 History of Music in the United States (3-0-3) (F/S). Designed for either the non-specialist or specialist in music, this course will survey the role which music has played in the development of American culture. Among the topics covered will be early New England music, music of the Blacks, Indians, and other ethnic groups. Social and historical interrelationships with music will be examined and discussed.

MU 503 Introduction to Research Materials in Music Education (3-0-3) (F/S). Designed for the secondary school music specialist, this course will provide an introduction to the basic research literature within music education, interpretation of research findings, basic research techniques, problems in music educational research, and a review of literature pertinent to students’ major area of interest will be included.

MU 505 Seminar in Choral Music: Performance Practices and Styles (3-0-3) (F/S). An historical, generic survey of the repertoire in choral literature. Emphasis will be placed on facets of interpretation through a study of representative compositions from the standpoint of performance practice, analytic techniques, and the reading of primary sources of pertinent information.

MU 506 Seminar in Instrumental Music: Performance Practices and Styles (3-0-3) (F/S). Analysis and study of works from the Baroque through the present era. Particular attention will be paid to performance practices of ornamentation, style, tempo, scoring, dynamics, etc. Band transcriptions also included.

MU 511 20th Century Musical Studies (3-0-3) (F/S). A study of 20th century compositional techniques and performance practices through analyses, discussion of aesthetics, listening, performance, and creative writing. Contemporary techniques (and their notation), such as quartal harmonies, serialization, improvisation, electronic music, microtones, and multi-media, will be explored and their application to the secondary school music classroom will be discussed.

MU 561 Advanced Conducting (3-0-3) (F/S). Designed for secondary music teachers, this course provides opportunity to discover and analyze technical conducting problems, both instrumental and choral, in music of the various historical eras, which forms a significant part of the secondary school repertoire.

MU 570 New Developments in Music Education (3-0-3) (F/S). Designed to acquaint the music specialist with recent ideas in music education, including major trends in curriculum, new methodology, music in integrated courses, and reports of major conferences and symposia.

MU 571 Advanced Practices and Principles in Teaching Music in the Elementary School (3-0-3) (F/S). Designed for the general classroom teacher or music specialist, the course deals with old and new approaches to teaching music in the classroom, teaching materials, current research on problem singers, creative musical activities, and the development of music reading skills. Prerequisite: MU 371 or PERM/INST.

MU 572 Listening and Singing Experiences for the Elementary School (3-0-3) (F/S). Designed for the general classroom teacher or music specialist, the course deals with the study of singing and listening materials relevant to classroom music, K-6. Sequential curriculum plans will be developed for singing and listening experiences. Prerequisite: ME 371 or PERM/INST.

MU 573 Advanced Methods and Techniques for the Instrumental Instructor (3-0-3) (F/S). A study of causes and solutions for problems occurring in the instrumental rehearsal. Areas to be covered include instrumental methods and techniques, organization and repertoire planning.

MU 574 Advanced Methods and Techniques for the Choral Instructor (3-0-3) (F/S). A study of causes and solutions for problems occurring in the choral rehearsal. Areas to be covered include vocal methods and techniques, rehearsal techniques, organization and repertoire planning.

MU 575 Administration of School Music (3-0-3) (F/S). A seminar in problems of music supervision and administration covering areas such as budget, scheduling, curriculum, personnel and philosophy.

MU 591 Culminating Project (0-V-3). Details for the culminating project can be found in requirements for masters degree in secondary education, music emphasis.

MU 593 Thesis (0-V-6). A scholarly paper embodying results or original research which are used to substantiate a specific view.
An R.O.T.C. student is introduced to an airplane control panel.
PART 9

Vo-Tech students sharpen their skills in circuit problem tracing.

SCHOOL OF VOCATIONAL TECHNICAL EDUCATION

Dean: Dr. Donald V. Heelas  
Assistant Dean: Glen Linder

Vocational Counselors: Callies, Quinowski, Trimble  
Business/Industry Relations: Miller

OBJECTIVES OF VOCATIONAL EDUCATION

To provide the opportunity for state and local citizens to acquire the education necessary:
1. To become employed, to succeed, and to progress in a Vocational Technical field.
2. To meet the present and anticipated needs of the local, state and national economy for employees with a Vocational Technical education.
3. To become contributing members of the social, civic, and industrial community.

CURRICULUM CHANGES

Curriculum changes may be made at any time with the approval of the Curriculum Committee to meet the needs of business and industry.

ADMISSIONS REQUIREMENTS

Students who plan to enter the School of Vocational Technical Education, Boise State University, must complete:
1. Boise State University application—Admissions Office ($10.00 matriculation fee required).
2. Personal interview with a School of Vocational Technical Education counselor.
3. $75.00 registration advance security deposit to the School of Vocational Technical Education. This is applied to your fees upon registration and is refundable only with justifiable cause. The deadline to apply for the refund is two weeks before classes begin.

There are a limited number of students that can be accepted in all programs so all admission requirements should be completed early.

When steps 1 and 2 have been completed and you have been accepted by one of the Vocational Technical counselors, you are eligible to pay the $75.00 advance deposit. You are not in a program until steps 1 through 3 are completed.

High school graduation or a GED is required in some programs and preferred in the others. All non-high school graduates must be out of high school one complete semester.
DEPARTMENT OF HEALTH OCCUPATIONS

Department Head: Bonnie J. Sumter; Dental Assisting: Imbs, MacInnis; Surgical Technology: Curtis, Gollick; Practical Nursing: Bowers, Dallas, Thayer, Stark, Towle.

DENTAL ASSISTANT

9-Month Program

The Dental Assisting Program consists of Dental Assistant Theory, Dental Laboratory instruction and Clinical Experience. Boise State University works with the Dental Advisory Board in planning and promoting the program and curriculum. Changes may be made at any time to take advantage of advances in the Dental profession.

Entrance requirements: High School Diploma or Equivalency Certificate, personal interview and aptitude testing. Typing is a prerequisite. The dental assistant courses are taught by dental assistant instructors and guest dental lecturers.

This is an accredited program by the Commission on Dental Accreditation and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of this course.

SUBJECTS

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Laboratory DA 101-102</td>
<td>4</td>
</tr>
<tr>
<td>Dental Radiology DA 104</td>
<td>2</td>
</tr>
<tr>
<td>Dental Assisting Clinical Experience DA 106</td>
<td>-</td>
</tr>
<tr>
<td>Dental Office Management</td>
<td>2</td>
</tr>
<tr>
<td>Public Health and Dental Hygiene DA 108</td>
<td>2</td>
</tr>
<tr>
<td>Communication Skills DA 111-112</td>
<td>3</td>
</tr>
<tr>
<td>Dental Theory DA 151-152</td>
<td>4</td>
</tr>
<tr>
<td>Occupational Relationships DA 262</td>
<td>-</td>
</tr>
<tr>
<td>Fundamentals of Speech CM 111</td>
<td>3</td>
</tr>
<tr>
<td>First Aid PE 105</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
</tr>
</tbody>
</table>

This program has been accredited by the Joint Review Committee on Education for the Surgical Technician, sponsored by American Medical Association Council on Allied Health Education.

ADMISSION

Entrance requirements: high school graduation or pass the General Educational Development Test. A complete medical examination is required. A personal interview with a selection committee is necessary before admission.

Classroom work includes instruction in basic sciences of Anatomy and Physiology, Microbiology, Sterilization, Aseptic Technique, and Instruction in the needs of humans in surgery, with emphasis on the surgical technician's part in meeting these needs.

NOTE: Anatomy and Physiology must be taken concurrently or student must provide evidence of successful completion.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery.

Refund policy—Part II of the Catalog.

PRACTICAL NURSING

11-Month Program

The Practical Nursing Program, in cooperation with three hospitals, a long term care facility and the State Board for Vocational Education, is approximately 11 months in length and consists of hospital and long term care nursing experiences and classroom instruction. A certificate is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them to practice as licensed practical nurses. The program is approved by the Idaho Board of Nursing.

Classroom work includes instruction in the needs of individuals in health and in sickness, with emphasis on the practical nurses' part in meeting these needs.

Clinical experience consists of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, the care of sick children, new mothers and infants, rehabilitation and remotivation techniques in the care of the aged and long-term patient. Failure to meet requirements in either theory or clinical areas may result in termination from the program.

ADMISSION

Entrance requirements: high school graduation or pass the General Educational Development Test. Satisfactory scores on a pre-entrance test, which is given by Boise State University. A complete medical examination is required. The applicant will be interviewed by a committee. A limited number of students will be selected for the Boise program and for the Nampa program.

DEPARTMENT OF HEAVY TECHNOLOGIES

Department Head: Gary Arambarri; Air Conditioning: Tucker; Mechanical Plant Maintenance: Allen; Machine Shop: Glassen, Wertman; Utility Lineman: Case; Welding: Arambarri, Baldner, Ogden.

AIR CONDITIONING, REFRIGERATION AND HEATING

11-Month Program

The Air Conditioning, Refrigeration, and Heating Program offers laboratory experience, theory classes and related subjects, designed to prepare students for entry level jobs.

Emphasis will be on the servicing of commercial equipment and will cover all phases of skills and knowledge necessary to repair the equipment with a strong emphasis on safety.
VOCATIONAL-TECHNICAL SCHOOL

MECHANICAL PLANT MAINTENANCE 9-Month Program

The Mechanical Plant Maintenance Program provides the student with laboratory experiences, practical theory, and related instruction. The courses include mathematics, basic electricity, blueprint reading, hydraulics, pneumatics, welding, machine shop procedures and troubleshooting. Preventive maintenance and job safety will be stressed. Emphasis will be on obtaining the required skills necessary to prepare students for entry level jobs in the expanding maintenance field.

SUBJECTS

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Conditioning Lab</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>RH 121-122-123</td>
<td>5</td>
<td>5</td>
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<tr>
<td>Occupational Relationships</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>RH 262</td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

COURSE OFFERINGS

RH AIR CONDITIONING, REFRIGERATION AND HEATING

RH 121-122-123 Air Conditioning, Refrigeration and Heating Laboratory (0-20-10). These courses provide the laboratory application of principles covered in the theory classes. Skills will be developed and practice will be provided which will be needed by the service person. Different phases of air conditioning, refrigeration and heating will be covered.

RH 141-142-143 Air Conditioning, Refrigeration and Heating Theory (0-10-5). This sequence of courses provides a basic understanding of the equipment and tools used on commercial equipment. Emphasis is on causes of breakdowns and the making of necessary repairs. Test equipment is used in the inspection of components such as relays, thermostats, motors and refrigerant lines.

RH 262 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining, and advancing in employment. One semester course.

MECHANICAL PLANT MAINTENANCE

PM — MECHANICAL PLANT MAINTENANCE

PM 121-122 Mechanical Plant Maintenance Laboratory (0-20-10). The sequence of courses provide the laboratory application of principles covered in theory classes. Fall semester coverage will concentrate on basic welding for the maintenance field, including oxyacetylene, stick electrode, M.I.G., and T.I.G. Spring semester emphasizes beginning fundamentals of maintenance machine shop operations using the lathe, milling machine, and other equipment found in the machine shop. Related topics will be included.

PM 141-142 Mechanical Plant Maintenance Theory (0-10-5). These courses include mathematics, basic electricity, pneumatics, hydraulics, blueprint reading, safety, troubleshooting and related technologies.

PM 262 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining, and advancing in employment. One semester course.

MACHINE SHOP

18 Month Program

Boise State offers a specialized Machine Shop Program for students desiring to become machine tool operators. Students receive instruction in the set up and use of all basic machines including engine lathes, milling machines, planers, shapers, grinders and bench work connected with them. Students will also learn about the many different materials and processes used by industry. They will receive classroom instruction and practical experience in the use of various precision, measuring and testing equipment now being used by metals manufacturing industries.

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>SEM.</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine Shop Laboratory MS 101, 102</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Communication Skills MS 111</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Rel. Blueprint Reading MS 124, 125</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Related Basic Math MS 132</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Related Theory MS 151, 152</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Occupational Relationships</td>
<td>2</td>
<td>—</td>
</tr>
</tbody>
</table>

VOCATIONAL-TECHNICAL SCHOOL

W 262 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

EL ELECTRICAL LINEMAN

EL 101-102-103 Lineman Laboratory (0-25-10). The field operation provides actual "job type" experience for the student. Course content includes advanced climbing techniques, ropes and rigging, pole setting and removal, framing of various structures for transmission and distribution, guy and anchor continuity, insulator installation and maintenance, installation of primary protective and overcurrent equipment, installation of transformers and transformer banks, services, street lights, underground distribution, trouble shooting both overhead and underground, use and care of personal protective equipment, hot stick use and care, operation and maintenance of vehicles and all related construction equipment.

EL 151-152-153 Lineman Theory (0-10-5). The theory portion of the program provides the student with an ample background in the basics of electrical theory, power generation, transmission, distribution, materials identification and application, overcurrent and protective devices, construction techniques, design and specification, basic climbing skills and care of personal protective equipment. It will include advanced structural steel and basic plate drawing including field assembly plans for the future employer to become a highly specialized technician.

EL 262 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

DEPARTMENT OF LIGHT TECHNOLOGIES

Department Head: E. Allen Weston; Drafting: Burkey, Leigh, Olson, Watts, Weston; Electronics: Dodson, Frost, LaRue, Macken; Wastewater Technology: Felton; Business Machine Tech: Jones; Cadwell

CONSUMER ELECTRONICS

This program is designed to prepare the student for entrance level employment in industry as a home entertainment equipment repair technician. It gives student training in electronic theory as well as laboratory activities which involve a hands on actual repair of home entertainment such as T.V., stereos, tape recorders, etc. He or she will be in a position to receive on-the-job training by a future employer to become a highly specialized technician.

WELDING

11-Month Program

The Welding Program provides the student with instruction, practical experience, and related theory in shielded metallic arc welding (SMAW), oxygen-acetylene (OA) welding and brazing, metallic inert gas (MIG) welding, oxygen-acetylene cutting of ferrous metals, plasma-arc cutting of non-ferrous metals, and the use of carbon arc cutting equipment. The first 9 months will be basic to intermediate welding. The summer session will be of a two-tract design. First, the design will permit students who need more time to satisfy requirements on performance based objectives for the basic portion of the program; and second, to permit the advanced students to further their skills, and to concentrate in more technical areas.

The program is designed to produce skilled workers in the areas of welding and blueprint interpretation as well as layout and fitting. The student will do all lab work based upon performance. Basic objectives include proper theory taught in conjunction with lab activities. It emphasizes actual repair of home entertainment equipment under industry conditions. (27 clock hours per week) Prerequisite: ES 103.

1ST SEM.

FRESHMAN YEAR:

Basic Consumer Electronics CE 105-106 11
Consumer Relations CE 113 2
Related Electronic Math CE 130 3
Electro-Mechanical Theory CE 155 2
Circuit Analysis CE 121-122 2
Total 18

15

2ND SEM.

Sophomore Year:

Adv. Consumer Electronics Tech. CE 255-256 14
Digital Electronics CE 271-272 17
Total 17

15

COURSE OFFERINGS

CE — CONSUMER ELECTRONICS

CE 105 Basic Consumer Electronics (5-15-11). This course deals with electronics basics and fundamentals. It includes the properties of electronic components, and circuit analysis and is taught in a "hands-on" lab environment. (20 clock hours per week)

CE 106 Basic Consumer Electronics (5-20-13). This is a two section course: (1) will deal with theory and application of radio frequency systems and FCC Rules and Regulations, (2) will deal with audio systems including tape decks, turntables and audio amplifiers. (25 clock hours per week) Prerequisite: CE 103.

CE 113 Consumer Relations (2-0-2). Directed toward the tact and methods necessary to communicate with the public. (2 clock hours per week)

CE 111-122 Circuit Analysis (1-2-3). The reading and understanding of electronic schematics in a theory/lab setting. (3 clock hours per week)

CE 130 Related Electronic Math (3-0-3). Basic mathematics through algebra required to understand the electronic theory. (3 clock hours per week)

CE 155 Electro-Mechanical Theory (1-4-2). This course teaches basic beginning theory and application of electro-mechanical devices with attention given to use of related tools and instruments. (5 clock hours per week)

CE 255-256 Advanced Consumer Electronics Technology (10-17-14). This course is designed to prepare the student for entrance level employment in industry as a home entertainment equipment repair technician. It combines regular theory lectures with appropriate theory taught in conjunction with lab activities. It emphasizes actual repair of home entertainment equipment under industry conditions. (27 clock hours per week) Prerequisite: ES 103-104-130.

CE 271-272 Digital Electronics (3-0-3). This course is a study of all the logic gates and troubleshooting techniques. (3 clock hours per week) Prerequisite: ES 103-104.

BUSINESS MACHINE TECHNOLOGY

This program and outline in Business Machine Technology has been developed to give the student of the course enough basic knowledge to be productive and able to perform the average job without any additional training. He will be qualified to make maintenance inspections, make proper mechanical and electronic adjustments and/or repairs, and do general shop work. He will be in a position to receive on-the-job training by his employer to become a highly specialized technician. He will be trained in basic electronics, small computer programming, testing procedures, and maintenance techniques for most types of business machines.
### COURSE OFFERINGS

#### BM — BUSINESS MACHINE TECHNOLOGY

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Machine Technology BM 155-156</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>Basic Electronic Theory BM 157</td>
<td>4</td>
<td>—</td>
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<tr>
<td>Customer Relations BM 113</td>
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</tbody>
</table>

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Business Machine Technology BM 255-256</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Digital Electronics BM 271-272</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

### PRE-TECHNICAL MATHEMATICS

Pre-Technical Math is provided for those students who lack the prerequisites courses deemed necessary to compete, complete and succeed in a regular vocational-technical curriculum, and is provided as a refresher course for those students who have had an excessive period of time lapse since their last formal education.

**PT 030 Pre-Technical Mathematics (5-0-0).** Survey and review of mathematical principles and methods. Uses of mathematics in technical fields with practical examples of application. Five hours per week—lecture. Each semester.

### DRAFTING TECHNOLOGY

This curriculum is organized to provide engineering departments, government agencies, consulting engineers and architecture firms with a technician well versed in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in architectural firms with a technician well versed in the necessary basic skills and knowledge of drafting. The student is required to succeed in a regular vocational-technical curriculum, and is expected to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

**First Semester**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>1ST SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drafting Lab and Lecture DT 101</td>
<td>4</td>
</tr>
<tr>
<td>Communication Skills DT 111</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics DT 131</td>
<td>5</td>
</tr>
<tr>
<td>Sciences DT 141</td>
<td>3</td>
</tr>
<tr>
<td>Manufacturing Processes DT 153</td>
<td>2</td>
</tr>
</tbody>
</table>

**Second Semester**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drafting Lab and Lecture DT 102</td>
<td>4</td>
</tr>
<tr>
<td>Communication Skills DT 112</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Surveying DT 122</td>
<td>4</td>
</tr>
<tr>
<td>Math DT 132</td>
<td>4</td>
</tr>
<tr>
<td>Science DT 142</td>
<td>3</td>
</tr>
<tr>
<td>Construction Codes DT 172</td>
<td>2</td>
</tr>
</tbody>
</table>

**Third Semester**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>1ST SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drafting Lab and Lecture DT 201</td>
<td>4</td>
</tr>
<tr>
<td>Descriptive Geometry DT 221</td>
<td>3</td>
</tr>
<tr>
<td>Applied Mathematics DT 231</td>
<td>3</td>
</tr>
<tr>
<td>Statics DT 241</td>
<td>4</td>
</tr>
<tr>
<td>Design Orientation DT 253</td>
<td>2</td>
</tr>
<tr>
<td>Occupational Relationships DT 262</td>
<td>2</td>
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</table>

**Fourth Semester**

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drafting Lab and Lecture DT 202</td>
<td>4</td>
</tr>
<tr>
<td>Technical Report Writing DT 222</td>
<td>2</td>
</tr>
</tbody>
</table>

### COURSE OFFERINGS

#### DT — DRAFTING TECHNOLOGY

**DT 101 Drafting Laboratory and Lecture (0-0-1).** Mechanical drafting with basic drafting techniques, standards, and methods.

**DT 102 Drafting Laboratory and Lecture (0-1-4).** Architectural drafting with tension compression and bending. Introduction to limited structural design. Prerequisite: DT 101.

**DT 111, 112 Communication Skills (3-0-3).** (F/S). Objective: to enable students to use language effectively as a tool for logical thinking, problem solving, technical writing and speaking required in their major field of endeavor.

**DT 122 Surveying (4-0-3).** Introduction to surveying, methods and computation. Required field work with emphasis on compiling data and office computation. Prerequisite or corequisite: DT 132.

**DT 131 Mathematics (5-0-5).** Fundamentals of algebra with an introduction to trigonometry and the use of calculators. Prerequisite: satisfactory grade in high school algebra or equivalent.

**DT 132 Mathematics (4-0-4).** Advanced algebra and trigonometry, closely integrated with drafting, surveying and science. Prerequisite: DT 131 or equivalent.

**DT 141 Applied Physics (3-0-3).** A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to fluids.

**DT 142 Applied Physics (4-0-3).** Basic concepts of heat, sound, light, electricity, and magnetism, correlated with technical mathematics DT 132. Prerequisite: DT 141.

**DT 153 Manufacturing Processes (3-0-2).** A survey of materials, machines, tools, production methods, and quality control methods.

**DT 172 Construction Codes (2-0-2).** Introduction to national and local building, electrical, plumbing, and fire codes, as pertaining to residential and light commercial building, construction. Emphasis on FHA, VA and conventional standard requirements. (Open to non-drafting technology majors—space permitting).

**DT 201 Drafting Laboratory and Lecture (5-0-4).** Civil drafting, mapping, highway curves and earthwork. Prerequisite: DT 122, 132, 103.

**DT 203 Drafting Laboratory and Lecture (5-10-4).** Structural drafting terminology, structural and reinforcing steel specifications and drawing practice. Prerequisite: DT 201, DT 221.

**DT 211 Descriptive Geometry and Development (4-0-3).** Theory and practice of coordinate projection applied to the solution of properties of points, lines, planes and solids with practical drafting application.

**DT 222 Technical Report Writing (2-0-2) (F/S).** Objective: to enable students to meet on-the-job standards of report preparation in the field of drafting.

**DT 231 Applied Mathematics (4-0-3).** Solution of practical problems involving concepts from DT 131 and DT 122 Math. Prerequisite: DT 132.

**DT 232 Applied Mathematics (4-0-3).** Application and expansion of mathematics, statics and strength of materials. Related to lab projects. Prerequisite: DT 231.

**DT 241 Statics (4-0-4).** Introductory course in statics with emphasis on analysis of simple structures. Prerequisite: DT 132.

**DT 242 Strength of Materials (4-0-4).** Analysis of stress and strain in torsion, tension, compression and bending. Introduction to limited structural design. Prerequisite: DT 132.

**DT 261 Graphics (2-0-2) (FS).** Introduction to graphic presentation methods used in industry, such as isometric and perspective rendering, charts, graphs and pictorial representations. (Open to non-drafting technology majors—space permitting).

**DT 282 Occupational Relations (3-0-2).** Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

**DT 283 Specialized Graphics (3-0-2).** An intensive study of perspective and rendering as used in mechanical illustration, architectural rendering and civil engineering graphics. Lecture-laboratory. Prerequisite: DT 261 Graphics. (Open to non-drafting technology majors—space permitting).

### ELECTRONICS TECHNOLOGY

The Electronics Technology Program prepares students desiring to enter the field of Electronics, working as team members with engineers in manufacturing, field troubleshooting, and research and development.

#### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronics Laboratory ET 101-102</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming ET 104</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Communication Skills ET 111-112</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Basic Electronics Math ET 131-132</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Digital Electronics ET 161</td>
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<td>2</td>
</tr>
</tbody>
</table>
VOCATIONAL-TECHNICAL SCHOOL

Electronic Theory ET 151-152 ................................ 5 5
Circuit Analysis ET 171-172 .................................. 3 3
1ST 2ND
SEM. SEM.

SOPHOMORE YEAR:
Ad. Electronic Laboratory ET 201-202 .... 5 5
Advanced Electronic Math ET 231-232 .... 3 3
Advanced Electronic Science ET 241-242 .... 2 2
Advanced Electronic Theory ET 251-252 .... 4 4
Occupational Relationships ET 262 .... 2 2
Digital Electronics ET 271-272 .... 3 3
Digital Systems Design .... 3 3

1ST 2ND
SEM. SEM.

WASTEWATER TECHNOLOGY

ET — ELECTRONIC TECHNOLOGY

ET 101 Electronics Laboratory I (0-10-2) (F). Experiments in direct current electronics. Study of resistance, dc circuit behavior, dc applications of capacitors and inductors, dc operation of transistor circuits, and characteristics of dc test equipment.

ET 102 Electronics Laboratory II (0-10-2) (S). Experiments in alternating current electronics. Study of reactance, impedance, ac circuit behavior, ac transistor circuits, ac circuit theory, characteristics of ac test equipment. Prerequisite: ET 101.

ET 104 Fortran Computer Programming (2-0-2) (F). Course for electronics majors covering principles and procedures involved in construction of computer programs for problem solving. FORTRAN IV programming language is used as the basis for student written programs which must be satisfactorily executed as a part of course requirements.

ET 111, 112 Communication Skills (3-0-3) (F, S). Objective: to enable students to use language effectively as a tool for logical thinking, problem solving, technical writing and speaking required in their major field of training.

ET 131 Electronics Mathematics I (5-0-4) (F). The number system, algebra and algebraic equations, functions, and the graphing of functions, and plane geometry, and trigonometry. Emphasis is placed on applications relating to electronics.

ET 132 Electronics Mathematics II (5-0-4) (S). Logarithms and exponentials, complex numbers, vectors and vector mathematics, trigonometric functions and equations, sequences and series, and analytic geometry. Prerequisite: ET 131.

ET 151 Electronics Theory I (5-0-5) (F). Theory of direct current electricity, its behavior in dc circuits, resistance and physical properties contributing to resistance, dc current and voltage laws, dc circuit analysis, and physical properties of circuit components.

ET 152 Electronics Theory II (5-0-5) (S). Theory of alternating current electricity, its behavior in electric circuits, properties of reactance and impedance, ac circuit analysis, and ac and dc circuit design. Prerequisite: ET 151.

ET 161 Introduction to Digital Electronics (2-0-2). Introduction to the binary numbering system including addition, subtraction, elementary boolean algebra, and Karnaugh maps. Also, an introduction to digital electronics which will cover the basic AND, OR, NAND, NOR, and INVERT.

ET 171-172 Circuit Analysis (2-3-3). The purpose of this course is to immediately get the beginner into a study of Physics. This course advances to solid state electronic circuitry as ET 151-152 progresses. Both semesters the student is expected to analyze, design, and report on circuits and problems he investigates.

ET 201-202 Advanced Electronic Lab (0-10-2). These courses follow the same description as ET 251-252 (Theory) but also cover the test, measurement, and calibration of those circuit studies during theory sessions.

ET 231, 232 Advanced Electronic Math (5-0-3). Differential and integral calculus is covered on a continuing basis both semesters. Starting with limits, basic differentiation, trigonometric functions, logarithmic functions and basic differential equations. Problems pertain to electronic circuits.

ET 241-242 Electronics Science (2-3-2). The application of the eiro-electronic principles, to the measurements and control of the physical properties of heat, light, sound, etc. Prerequisite: ET 141.

ET 251, 252 Advanced Electronic Theory (5-0-4). The study of electronic circuits that usually include one or more integrated circuits (l.e., Si) and associated discrete components. Emphasis is placed on the many possible configurations of the operational amplifier. Among these applications are integrators, signal generators, function generators, and filters. Second semester study includes assembly of a group of IC's and discrete components to form complete electronic systems, radio frequency applications, and a sophisticated student project.

ET 282 Occupational Relations (4-0-4). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

ET 271-272 Digital Electronics (3-3-3). Binary concepts, basic logic, Boolean algebra, counters, adders, basic computer circuits; second semester advanced concepts and analytical troubleshooting of digital devices. Prerequisite: ET 161.

ET 282 Digital Systems Design (3-3-3). Utilization of digital logic constructs in the design of digital devices and systems. Study of basic digital concepts, flip-flops, counters, combinational and sequential logic, registers and memory devices, DA and AD converters, and basic microprocessor concepts with emphasis placed on design considerations. Elective. Prerequisite: ET 271, PERM/INST.

DEPARTMENT OF MECHANICAL TECHNOLOGIES

Department Head: Charles Tillman; Auto Body; C. Parke; Automotive Mechanics: Campbell, King, Mikesell; Heavy Duty Mechanics: Brownfield, Tillman, Hall; Parts Counterman: Trescott; Small Engine Repair: Schroeder; Agricultural Equipment Technology: Gaines.

AUTO BODY

11-Month Program

The Auto Body Program is designed to provide the student with the background necessary for employment in a shop repairing damaged automobiles. Basic laboratory practices of restoring vehicles to their original design, structure and finish are covered in this course. Basic glasswork and frame alignment work are also covered. The student is given the opportunity to work on a variety of repair jobs in the shop. This experience provides students with the necessary skills and knowledge for employment in the auto body trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.
SUBJECTS

<table>
<thead>
<tr>
<th>Foundation</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Body Lab AB 121-122-123</td>
<td>10</td>
<td>10</td>
<td>7</td>
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<tr>
<td>Auto Body Theory AB 141-142-143</td>
<td>7</td>
<td>5</td>
<td>5</td>
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<tr>
<td>Occupational Relationships AB 262</td>
<td>2</td>
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</tbody>
</table>

COURSE OFFERINGS

AB — AUTO BODY

AB 121-122-123 Auto Body Laboratory (0-25-10)(FS) (0-25-7)(SU). The purpose of these courses is to develop the skills needed by an auto body repairman. Subjects covered include: orientation, safety rules, shop housekeeping, oxyacetylene welding, painting fundamentals, metal working, plastic and lead body filling, advanced painting processes, frame alignment, glass and panel replacement.

AB 141-142-143 Auto Body Theory (10-0-7)(FS) (8-5-10)(IS) (10-0-5)(SU). This course correlates with the auto body laboratory course. The theory of auto body repair and painting is covered. Mathematics and science necessary for and related to the trade are provided.

AB 282 Occupational Relations (2-0-2). Designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

AUTOMOTIVE MECHANICS

11-Month Program

The Automotive Mechanics Program consists of 11 months of instruction and application. Specialty areas within the program may be taken by students after testing and approval of the instructor.

SUBJECTS

<table>
<thead>
<tr>
<th>Foundation</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td>Basic Automotive Mechanics AM 100</td>
<td>8</td>
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<tr>
<td>Electrical Systems and Fuel Systems AM 101</td>
<td>6</td>
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<tr>
<td>Engines, Air Conditioning, and Steering AM 102</td>
<td>8</td>
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<tr>
<td>Power Trains, Automatic Transmissions and Brakes AM 103</td>
<td>8</td>
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<tr>
<td>Advanced Automotive Mechanics AM 104</td>
<td>8</td>
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<tr>
<td>Occupational Relations AM 262</td>
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</tbody>
</table>

COURSE OFFERINGS

AM — BASIC AUTOMOTIVE MECHANICS

AM 100 Basic Automotive Mechanics (20-15-8) (8 weeks). Mathematics of the trade, safety practices, use and care of tools, introduction to automotive chemicals and fasteners, the scientific principles of machines, electricity, heat engines, hydraulic systems and gear systems. Principles are applied to the theory and construction of engines, electrical components, fuel system components, drive trains, suspensions and brakes. Students must satisfactorily complete all theory and laboratory assignments and pass a final examination to progress to intermediate auto mechanics. Beginning students may enter directly into intermediate auto mechanics by passing the AM 100 challenge examination and being recommended by the program head.

INTERMEDIATE AUTOMOTIVE MECHANICS

In Intermediate Auto Mechanics students learn construction and repair procedures for automobile components using cars and mock-ups. Emphasis is placed on the proper use of tools and test instruments. Completion of all classroom and shop assignments are required before progressing to Advanced Auto Mechanics. Basic Auto Mechanics is a prerequisite to Intermediate Auto Mechanics.

AM 101 Electrical Systems and Fuel Systems (10-25-8) (8 weeks). This course provides experiences relating to the theory and construction of electrical and fuel systems used on modern cars. The diagnosis and repair of malfunctioning systems using the latest equipment is stressed. The course also stresses the industry accepted procedures for tune-up work.

AM 102 Engines, Air Conditioning, and Steering (10-25-8) (8 weeks). This course covers engine repair procedures on live engines and engine components. It presents theory and service procedures for automotive air conditioning. Also covered are front and suspension repair and alignment.

AM 103 Power Trains, Automatic Transmission and Brakes (10-25-8) (8 weeks). The course includes the construction and repair of clutches, standard transmissions, propeller shafts, differentials and related equipment. Also included is the theory and repair procedures of automatic transmissions and the repair of both disc and drum brakes.

ADVANCED AUTOMOTIVE MECHANICS

AM 104 Advanced Auto Mechanics (16-25-8) (8 weeks). Students diagnose and repair autos under actual shop working conditions. Problems are encountered in autos provided by faculty, staff and others. Students may designate an area of special interest and be guided to a specialty. After completing course objectives a student may finish the requirements for graduation by employment in an approved shop serving the automotive trade with his/her instructors permission. Graduation will then be based on the student's job performance.

AM 282 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

HEAVY DUTY MECHANICS—DIESEL

11-Month Program

This program is designed to prepare students for employment as heavy duty mechanics. Instruction will cover the basics in design and fundamentals of operation of diesel and heavy duty gasoline engines as well as the component parts. Instruction will be on mock-ups and live work in the shop.

SUBJECTS

<table>
<thead>
<tr>
<th>Foundation</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
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<tr>
<td>Diesel Mechanics Basic DM 101</td>
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<td>Diesel Lab DM 102-103</td>
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<tr>
<td>Diesel Theory DM 152-153</td>
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<tr>
<td>Occupational Relationships DM 262</td>
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</tbody>
</table>

COURSE OFFERINGS

DM — HEAVY DUTY MECHANICS—DIESEL

DM 101 Basic Heavy Duty Mechanics—Diesel (0-30-15). This course covers shop safety practices, use and care of tools, use of measuring devices, service manuals, basic principles of diesel and heavy duty gasoline engines, transmissions, power trains, cooling systems, diesel and gasoline engine fuel systems, electrical systems, suspension hydraulic and air brakes, clutches, steering, and basic welding. Students must satisfactorily complete all theory and laboratory assignments and pass a final examination to progress to intermediate heavy duty mechanics.

DM 102-103 Diesel Laboratory (20-10). This course provides the laboratory application of principles covered in basic and theory class. Instruction will be on shop units, general theory and measuring instruments, with some experience devoted to actual repairs on live units.

DM 152-153 Diesel Theory (5-0-6). A study of the design, construction, maintenance and repair of diesel and heavy duty gasoline engines. Shop safety, care and use of special tools, welding, transmissions and power trains, cooling systems, fuel systems, clutches, steering electrical systems, suspension and hydraulic and air brakes will be studied.

DM 262 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

PARTS COUNTERPERSON

9-Month Program

The Counterperson Program is designed to provide the student with a series of learning experiences in all phases of the automotive parts business. Areas of concentration include index systems, invoices, customer relations, refunding procedures, and warranty adjustments. The use of catalogues, price sheets, and other related forms used in the parts industry will be covered.

SUBJECTS

<table>
<thead>
<tr>
<th>Foundation</th>
<th>Course No. and Title</th>
<th>Fall</th>
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<tr>
<td>Parts Counterperson Lab PC 101-102</td>
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<tr>
<td>Parts Counterperson Theory PC 151-152</td>
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<tr>
<td>Related Basic Mathematics PC 131</td>
<td>2</td>
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<tr>
<td>Occupational Relationships PC 262</td>
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</table>

COURSE OFFERINGS

PC — PARTS COUNTERMAN

PC 101-102 Automotive Parts Laboratory (9-25-10). A parts store is established and operated in conjunction with the mechanical programs. Lab experience includes jobber and dealership operation.

PC 131 Related Basic Math (2-0-2). Basic arithmetic, fractions, decimals, discounting, and percentages are covered. Use of measuring tools is taught.

PC 131-132 Automotive Parts Theory (9-0-5). Through the use of catalogues, manuals, visual aids and class lectures, theory and application of procedures are taught. New methods such as microfilm readers are used in the theory portion of the class.

PC 282 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

SMALL ENGINE REPAIR

(Recreational Vehicles) 9-Month Program

The Small Engine Repair Program will include classroom, math, and shop experiences directed to maintaining and repairing of a variety of two and four cycle engines used on portable power equipment, e.g., lawn mowers, outboard motors, chain saws, rotary tillers and recreational vehicles. The instructional units will emphasize the complete repair of all types of small engine equipment.

Credit in this course of study is not counted toward an academic degree.
VOCATIONAL-TECHNICAL SCHOOL

DEPARTMENT OF SERVICE OCCUPATIONS

Department Head: Joan Lingerfelt; Child Care: Lingenfelt, Gourley; Food Service: Hoff, Brown; Horticulture: Maki, Oyler; Mid-Management: Knowlton, Lane, Scudder; Office Occupations: Adkins, Metzgar, Butler, Related Subjects: Scholes, Short, Shirman, Tompkins.

CHILD CARE STUDIES (SUPERVISOR)

This curriculum is planned for people interested in working as teachers and/or as supervisors in private day care centers, play grounds, camps, nurseries, kindergartens, and child development centers.

DAY CARE SUPERVISOR

18-Month Program

Graduates will be trained to assist with or operate a day care center which provides for physical care, emotional support and social development of children in groups.

This two year course will provide students with the opportunity to direct children's play, provide food, supervise workers, and manage resources in a nursery school setting. Completion of the program defined as Child Care Assistant is a prerequisite to the supervisor level program.

DAY CARE ASSISTANT

1ST SEM. 2ND SEM.

SUBJECTS

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<tr>
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<td>14</td>
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<td>2</td>
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<td>16</td>
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</tbody>
</table>

COURSE OFFERINGS

SE — SMALL ENGINE REPAIR

SE 101 Small Engine Laboratory (0-25-14). Includes application and instruction in repair and overhaul of small engine units with emphasis on lawn and garden equipment.

SE 102 Small Engine Laboratory (0-25-14). Repair and maintenance of recreational vehicles, motorcycles, snowmobiles and outboard marine engines.

SE 141 Small Engine Theory (0-8-2). Provides a basic understanding of internal combustion engine and principles of two and four cycle engines. Fundamentals in carburetion and electrical systems are covered.

SE 141 Small Engine Theory (0-8-2). Includes instruction in power train, clutching, trouble shooting, fuel systems, tune-up, marine engines and chain saws.

SE 202 Occupational Relations (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

AGRICULTURAL EQUIPMENT TECHNOLOGY

9-Month Program

This course provides students with the opportunity to develop and operate small engine units and equipment. Students will be able to recognize the need for proper maintenance and operation of small engine units.

COURSE OFFERINGS

AE 101-102 Agricultural Equipment Lab (0-25-10). This course provides application of principles covered in the theory class. Shop experience will be gained by taking actual projects to tractors and other equipment. These projects will include field equipment, harvest equipment, and maintenance.

AE 151-152 Agricultural Equipment Theory (10-10-5). A study of the internal combustion engine, gasoline and diesel fuel systems, and hydraulic systems and the application of these principles to the various machines used in farming operations.


DAY CARE TEACHER/SUPERVISOR: 

1ST SEM. 2ND SEM.

SUBJECTS

<table>
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<tbody>
<tr>
<td>Advanced Child Care CC 255.</td>
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<tr>
<td>Intro. to Kindergarten Curriculum CC 256.</td>
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<tr>
<td>Infant Care CC 257.</td>
<td>2</td>
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<tr>
<td>Child Care Center Management CC 231-232.</td>
<td>2</td>
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<tr>
<td>Family and Community Involvement with Children CC 252.</td>
<td>3</td>
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<tr>
<td>Occupational Relationships CC 261.</td>
<td>2</td>
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<tr>
<td>Feeding Children CC 241-242.</td>
<td>3</td>
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<tr>
<td>Child Care Center Supervision CC 201-202.</td>
<td>3</td>
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<tr>
<td>Contracted Practicum in Early Childhood Supervision CC 225-226.</td>
<td>2</td>
</tr>
<tr>
<td>Planning and Evaluation of Child Care Center Supervision CC 235-236.</td>
<td>1</td>
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</tbody>
</table>

COURSE OFFERINGS

CC — CHILD CARE

CC 151-152 Introduction to Child Development (3-0-3). Basic principles of child growth and development, the individual needs of preschool children, their language development, understanding their behavior and techniques of guidance and discipline.

CC 111, 112 Communication Skills (0-3-0) (3-0-3). Objective: to enable students to use language effectively as a tool for logical thinking, solving problems, and speaking in their major field of training.

CC 125-126 Contracted Field Experience in Early Childhood Programs (0-3-3). Individual contract arrangement involving student, instructor and cooperating agency to gain practical experience in off-campus settings. The student will visit, observe, and participate in community child care settings.

CC 135-136 Planning and Evaluation of Laboratory Experience (2-0-2). Course will provide experience in planning, organizing, and directing the activities of a child care center.

CC 141 Health and Care of the Young Child (3-0-3). Safety practices, general health, nutrition, identification of illnesses, and prevention of common childhood diseases as applies to children in child care centers. Also includes maintenance of teachers health, cross media first-aid training and a workshop on the safe maintenance of toys and equipment.

CC 171-172 Curriculum of the Young Child (3-0-3). Curricula suitable for preschool children. Includes theories of teaching curriculum subjects, the need for a curriculum in nursery school, and specific information, materials and the opportunity to use them in the following areas: art, story telling, music, environmental science, beginning number and letter recognition.

CC 181-182 Child Care Laboratory (3-0-3). Observation and participation in the laboratory preschool. Student will serve as aide and assistant teacher, working directly with the children; attend staff meetings, plan and carry out a variety of daily activities and become acquainted with curriculum, classroom arrangement, schedules, child guidance, staff responsibilities.

CC 201-202 Child Care Center Supervision (0-3-3). Observation and preparation in laboratory preschool. Student will gradually assume responsibility for the total child care operation under the supervision of instructor: serving as head teacher, planning curriculum, supervising staff, conducting staff meetings, planning daily and weekly schedules and student techniques for child evaluations, parent conferences.

CC 255-256 Contracted Practicum in Early Childhood Programs (0-3-0). By permission of instructor. A course designed to meet specific needs of the student as determined by both the student and instructor. A practical application of knowledge and skills in community child care centers. Individual contract arrangement involving student, instructor and cooperating agency to gain practical experiences in off-campus settings.

CC 225-226 Child Care Center Management (2-0-2) (3-0-3). Introduction to the business practices in the operation of a child care center. Includes business arithmetic, record keeping, purchasing of supplies and equipment, and employer-employee relationships. Also includes licensing procedures required for day care centers.

CC 235-238 Planning and Evaluation of Child Care Center Supervision (1-0-1). Classroom lecture and discussion to include management of child care programs, methods for supervising staff, child guidance techniques, curriculum and staff evaluations, methods of working with parents, daily classroom management, and curriculum development to meet specific needs of individual children.
areas of these major fields. It stresses the design of landscapes, their interpretation and construction including costs, production of nursery plants, plant propagation, and landscape planting. Graduates of the horticulture program qualify for positions in nursery and floral establishments as well as in parks, grounds, maintenance, and highway departments. They may also enter the fields associated with plant propagation, nursery sales, greenhouse work and sales in the related fertilizer and insecticide fields.

FRESHMAN YEAR

1ST SEM.
Horticulture Laboratory HO 101-102 5
Communication Skills HO 111-112 3
Related Basic Mathematics HO 131-132 3
Related Basic Science HO 141-142 2
Horticulture Theory HO 151-152 5

2ND SEM.

1ST SEM.

Sophomore Year

Horticulture Laboratory HO 201-202 5
Related Science HO 241-242 3
Horticulture Theory HO 251-252 5
Occupational Relationships HO 262 2
Individual Project HO 271 3
Credits and Collects MM 213 2
Salesmanship MM 101 3

2ND SEM.

COURSES OFFERINGS

HO - HORTICULTURE SERVICE TECHNICIAN

HO 101 Horticulture Laboratory (0-15-3). Applying the related theory and content to the solution of practical problems in horticulture. Specific areas of application to include exploring occupational opportunities; identification of plants by the use of descriptive terms, identification of annual and perennial flowering plants; use of scientific names; classifications and botanical structures of plants, climatic and other factors limiting growth; plant propagation, greenhouse, flower, and plant production.

HO 102 Horticulture Laboratory (0-15-3). Applying the related theory and content to the solution of practical problems in horticulture. Specific areas of application include soils and soil amendments; construction of growing containers and houses; arrangements, implementation of entire greenhouse operation and bedding plant production; the use of insecticides; pesticides, etc., and precautions necessary during use.

HO 111, 112 Communication Skills (3-0-3) (F/S). Objective: to enable students to use language effectively as a tool for logical thinking, problem solving, technical writing and speaking required in their major field of training.

HO 131-132 Related Basic Mathematics (3-0-3). First semester—developing comprehension of the basic principles of mathematics. Specific areas include addition, subtraction, multiplication, division, fractions, denominate numbers, square root, mensuration. Second semester—developing comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered include: income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll, etc.

HO 141-142 Related Basic Science (3-0-3). First semester—developing comprehension of the scientific principles utilized in plant identification, plant growth and development, limiting factors, development which aid plant propagation. Second semester—developing comprehension of the scientific principles utilized in: developments which aid plant propagation, construction materials, insecticides, pesticides, soils and fertility.

HO 151-152 Horticulture Theory (7-2-5). First semester—developing comprehension, analysis and evaluation of; introduction into the field of horticulture, plant classification and growth, climate and other growth limiting factors, soil and soil amendments. Second semester—developing comprehension, analysis and evaluation of: plant propagation; growing containers; insect and disease control; and pesticide application.

Howard Community College

THE LANDSCAPE CONSTRUCTION AND MAINTENANCE PROGRAM

The Landscape Construction and Maintenance Program has for its objective the preparation of students for employment in the landscape, nursery, floral, greenhouse, and fruit and vegetable industries. This includes both the production, sales and service
VOCATIONAL-TECHNICAL SCHOOL

Clothing Construction MM 102 3 3
Business Math/Machines OA 115 3 3
Clothing and the Individual MM 107 2 2
Textiles MM 106 — 3
Elements of Management MM 105 — 3
Intro Financial Accounting AC 205 3 3
Mid-Management Practicum MM 100 2 2
Elective — —

SOPHOMORE YEAR:

Consumer Marketing MM 201 3 3
Fashion Analysis and Design MM 111 2 2
Fundamentals of Speech Comm. CM 111 3 3
Retail Buying MM 215 — 3
Mid-Management Practicum MM 100 2 2
Report Writing MM 209 3 —
Principles of Retailing MM 202 — 3
Principles of Advertising MM 203 CM 111 3 3
Supervision of Personnel MM 206 — 3
Elective — — 16 16

1ST SEM. 2ND SEM.

1ST SEM. 2ND SEM.

FRESHMAN YEAR:

English Composition E 101, 102 3 3
Introduction to Business GB 101 3 3
Business Mathematics/Machines OA 115 — 3
Salesmanship MM 101 — 3
Intro Financial Accounting AC 205 — 3
Merchandise Analysis MM 102 — 3
Mid-Management Practicum MM 100 2 2
Elements of Management MM 105 3 3
Fundamentals of Speech Comm. CM 111 — 3
Elective — 1 17 15

SOPHOMORE YEAR:

Consumer Marketing MM 201 3 —
Principles of Retailing MM 202 3 —
Principles of Macroeconomics EC 201 3 —
Principles of Advertising MM 203 — 3
Report Writing MM 209 3 —
Supervision of Personnel MM 206 — 3
Retail Buying MM 215 3 —
Credit and Collections M 213 — 3
Mid-Management Practicum MM 100 2 2
Electives 2 3 16 16

1ST SEM. 2ND SEM.

1ST SEM. 2ND SEM.

*Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

**For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid—Management.

MARKETING* MIDDLE MANAGEMENT

CLERK-TYPIST - 2 semesters

Business Math/Machines OA 115 3 3
Business Math Lab OF 113 1 1
Business Communications OF 110 5 5
Typing I OF 102 2 —
Typing II OF 103 — 2
Typing III OF 104 — 3
Word Processing OF 114 — 3
Record Keeping OF 116 2 2
Filing & Records Management OF 112 1 —
Intro. to Information Processing — 3
Communication Skills OF 111 3 3

CLERK-GENERAL OFFICE

Business Math/Machines OA 115 3 3
Business Math Lab OF 113 1 1
Business Communications OF 110 5 5
Typing I OF 102 2 —
Typing II OF 103 — 2
Typing III OF 104 — 2
Word Processing OF 114 3 3
Filing & Records Management OF 112 1 —
Bookkeeping I OF 100 4 4
Bookkeeping II — 4
Elective from School of Business 1 1 15 15

SECRETARY - 2 semesters

Business Math/Machines OA 115 3 3
Business Math Lab OF 113 1 1
Business Communications OF 110 5 5
Typing I OF 102 2 —
Typing II OF 103 — 2
Typing III OF 104 — 3
Word Processing OF 114 3 3
Record Keeping OF 116 2 2
Filing & Records Management OF 112 1 —
Beginning Shorthand OA 101 OR 4 4
Intermediate Shorthand OA 121 4 4
Intermediate Shorthand Lab OF 115 OR 1 —
Advanced Shorthand OA 201 1 1 15-19 13-14

COURSES

MM — MARKETING, MID-MANAGEMENT

Course offerings are described in Part V.

OFFICE OCCUPATIONS

Department Head: Joan Lingenfelter, Instructors: Adkins, Metzgar, Butler.

The Office Occupations Program is designed to meet the needs of students as they prepare to enter the business world, in both private industry and government. Upon entering the program, the students select an emphasis and work on a specific curriculum for that option. Suggested curricula for the options are as follows:

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid—Management.

COURSE DESCRIPTIONS

OFFICE OCCUPATIONS

OF 100 Bookkeeping I (3-2-4) (F). Covers the entire bookkeeping cycle for sole proprietorship bookkeeping. Includes journalizing, posting, financial statements, payroll, and closing procedures.

OF 101 Bookkeeping II (3-2-4) (S). Covers the entire bookkeeping cycle for a corporation. Includes the use of special journals, cash register system, sales taxes, uncollectible accounts, depreciation, disposal of plant assets, notes, accruals, partnerships, and corporations.

OF 102 Typing I (3-5-2) (FS). Theory and keyboard operations on the typewriter with application for personal or business use. Developing/measuring basic skills. Student also fulfills 5 hours per week lab time.

OF 103 Typing II (3-5-2) (FS). Review of typing fundamentals for development of speed and accuracy in office applications. Measuring basic/production skills, Student also fulfills 5 hrs. per week lab time.

OF 104 Typing III (3-2-2) (FS). Continued study of typewriting procedures to develop speed and accuracy in office applications. Measuring basic/production skills.

OF 110 Business Communications (S-0-5) (F/S). Designed to emphasize the building of a foundation in effective business writing principles. Preparation of a variety of business letters is required. Incorporated also is emphasis on developing punctuation, proofreading, editing, spelling, and vocabulary skills.

OF 111 Communication Skills (S-0-3) (F/S). To enable the students to use language effectively as a tool, both written and oral, in their option field.

OF 112 Filing (S-0-1) (FS). Designed to provide fundamental training in records management so students will be able to meet entry-level records management needs of business. At conclusion of the course, students will have learned to handle all types of correspondence and forms most frequently found in modern offices. They also will have had experience with the four filing methods: Alphabetic, numeric, subject and geographic.

OF 113 Business Math Lab (S-0-2-1) (FS). Open lab to be used in conjunction with OA 115.
OF 114 Word Processing (2-3-3)(S). The development of speed and accuracy in machine transcription by using programmed tapes and simulated office work experience. Student will learn to transcribe from machine letters, transcripts, memos, reports and statistical tables. Also included is the development of skills using memory typewriter. Emphasis is placed on creation, storage, and retrieval of typed material.

OF 115 Shorthand II Lab (0-2-1)(F/S). Open lab to be used in conjunction with OA 121.

OF 116 Record Keeping (2-1-2)(F/S). Proceeds from very simple clerical tasks to the introduction of elementary double-entry bookkeeping concepts. Develops skills and knowledge that students can use in simple clerical office jobs in which record keeping is involved.

APPRENTICESHIP AND TRADE EXTENSION

Through cooperative arrangements with the State Board for Vocational Education, Boise State University School of Vocational Technical Education sponsors a wide range of trade extension programs for beginning, apprentice, and journeyman workers. Such courses are designed to meet the specific needs of industry, labor, agriculture, and government. Classes usually meet in the evening. Flexibility of scheduling, content, place of meeting is maintained in order to meet the growing educational needs of the community. Typically, through not invariably, such courses provide related technical education for those workmen receiving on-the-job instruction in such vocations as sheetmetal, carpentry, plumbing, welding, electricity, electronics, typing, automobiles, nursing, and farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State University School of Vocational Technical Education. Phone: (208)385-1974.

HIGH SCHOOL EQUIVALENCY
(GED PREPARATION — No Credit)

The High School Equivalency Program is designed for people who are performing below a twelfth grade academic level. This program is designed to help students prepare for the high school Equivalency Test (GED).

There is no satisfaction as great as sharing in the education of the next generation.
Pottery is one of the oldest art crafts.
BOISE STATE FULL-TIME FACULTY

January, 1982

(The date in parenthesis is the year of first appointment)

A

LOUISE ACKLEY, Assistant Professor of English .................. (1969)
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<td>Name</td>
<td>Position</td>
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THELMA F. ALLISON, Associate Professor of Home Economics (1946-1973)

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WILLIAM S. BRONSON, Professor of Psychology (1954-1970)

JAMES R. BUCHANAN, Assistant Professor of Welding (1959-1978)

ELSIE BUCK, Professor of Mathematics (1932-1934, 1937-1968)

CLARA P. BURTCH, Associate Professor of Teacher Education and Library Science (1969-1978)

VINA BUSHBY, Associate Professor of Secretarial Science (1946-1965)

WILLIAM J. CARSON, Associate Professor of Accounting (1963-1982)

EUGENE B. CHAFFEE, President (1922-1967)

ACEL H. CHATBURN, Professor of Education (1944-1977)

ROBERT deNEUFVILLE, Professor of Foreign Language (1949-1973)

CLISBY T. EDLEFSÉN, Professor of Business (1939-1969)

J. CALVIN EMERSON, Associate Professor of Chemistry (1933-1940, 1960-1973)

EVELYN EVERTS, Associate Professor, Reference Librarian (1957-1977)

MILTON FLESHER, Assistant Professor of Auto Mechanics (1959-1974)

ALBERT FUEHRER, Instructor in Auto Mechanics (1965-1978)

JOHN F. HAGER, Associate Professor of Machine Shop (1954-1969)

CLAYTON W. HAHN, Associate Professor of Engineering (1948-1952, 1963-1981)

ADA Y. HATCH, Professor of English (1932-1967)

ALICE H. HATTON, Registrar (1959-1974)

KENNETH L. HILL, Associate Professor of Education (1962-1970)

HELEN R. JOHNSON, Associate Professor of Business Education and Office Administration (1955-1978)

LEO E. JONES, Professor of Biology (1972-1981)

DORIS KELLY, Associate Professor of Nursing (1956-1977)

NOEL KRIGBAUM, Assistant Professor of Vocational-Technical Education (1955-1975)

MAX LAMBORN, Instructor in Parts Counterperson (1972-1981)

EMERITI

ADELAIDE ANDERSON MARSHALL, Assistant Professor of Music (1939-1948, 1966-1972)

RUTH McBIRNEY, Professor, Head Librarian (1940-1942, 1943-1977)

CLYDE M. MARTIN, Associate Professor of Teacher Education (1970-1981)

FLORENCE M. MILES, Professor of Nursing (1955-1960)

KATHRYN ECKHARDT MITCHELL, Assistant Professor of Violin (1932-1938, 1939-1972)

DONALD J. OBEE, Professor of Botany (1946-1977)

avery F. PETERSON, Assistant Professor of Political Science (1965-1975)


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FRANK H. SMARTT, Assistant Professor of Mathematics (1958-1981)

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JOSEPH B. SPULNIK, Professor of Chemistry, Dean of the School of Arts and Sciences (1941-1976)

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ALBERT H. Tennyson, Instructor in Industrial Communications (1966-1977)

CARL W. Tipton, Associate Professor of Management (1965-1980)

LYLE F. TRAPP, Assistant Professor of Auto Body (1953-1967)

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The purpose of the Boise State University Bulletin, Catalog Issue is to provide current, articulate and accurate information about Boise State University for the guidance of prospective students, for faculty and administrative officers, for students currently enrolled, and for other education or allied agencies.

Catalogs, bulletins, course and fee schedules, etc., are not to be considered as binding contracts between Boise State University and students. The university and its divisions reserve the right at any time, without advance notice, to: (a) withdraw or cancel classes, courses, and programs; (b) change fee schedules; (c) change the academic calendar; (d) change admission and registration requirements; (e) change the regulations and requirements governing instruction in, and graduation from, the university and its various divisions; and (f) change any other regulations affecting students. Changes shall go into force whenever the proper authorities so determine, and shall apply not only to prospective students but also to those who are matriculated at the time in the university. When economic and other conditions permit, the university tries to provide advance notice of such changes. In particular, when an instructional program is to be withdrawn, the university will make every reasonable effort to ensure that students who are within two years of completing the graduation requirements, and who are making normal progress toward the completion of those requirements, will have the opportunity to complete the program which is to withdrawn.

It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to race, color, national origin, sex, creed, age or handicap in accordance with Title VII of the Civil Rights Act of 1964. Title IX of the Educational Amendments of 1972, Sections 799A and 845 of the Public Health Act, and Sections 503 and 504 of the Rehabilitation Act of 1973, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.

Cover design: Pattee L. Light
Selected from proposals submitted by students in Advertising Design classes.
Editor: Herbert W. Runner

NOTE

The courses contained in this catalog do not preclude or limit the University in its offerings for any semester or session nor does it restrict the University to the time block (semester) represented by the approved academic calendar.

Boise State University can and will respond to the educational needs and wants of any and all students when expressed. Requests for courses to be offered whenever they are desired will be favorably received providing that a minimum of 12 students enroll in the class and a competent faculty member is available to teach the course.

UNIVERSITY/COMMUNITY HEALTH SCIENCES ASSOCIATION, INC.

The University/Community Health Sciences Association, Inc., is a non-profit corporation chartered by the State of Idaho for educational and charitable purposes, and to otherwise serve the University.

The objectives of the Association are to promote optimum health services for the community through excellence in health professional education, to promote the growth and development of the School of Health Sciences of Boise State University and its constituent educational programs, departments, and activities, and to encourage donations of funds and gifts to assist in carrying out these objectives.

The present officers and members of the Board of Directors of the Association are:
Mr. Leonard O. Thompson, President
M. M. Burkholder, M.D., Vice President
Donald L. Pape, D.D.S., Secretary
Mrs. Bernice B. Comstock, Treasurer
David M. Barton, M.D.
Mr. Robert Bolinder
Dr. R. E. Bullington
Dr. Victor H. Duke
Mr. William K. Dunkley
Mr. A. B. Ellis
Mr. John R. Frobenius
Mr. James A. Goff
Dr. John H. Keiser
Mr. Lawrence H. Kissler
Mrs. Edith Miller Klein
Mr. Blake Morgan
Clayton C. Morgan, M.D.
Sister Beverly Ann Nelson, C.S.C.
Mary Nelson, R.N.
John W. Swartley, M.D.
Mr. Eugene C. Thomas
Wilfred E. Watkins, M.D.
Mr. Lyman D. Wilbur

Information may be obtained by contacting the Dean of the School of Health Sciences at (208) 385-1787.
BOISE STATE UNIVERSITY FOUNDATION

The Boise State University Foundation is a non-profit corporation chartered by the State of Idaho for charitable and educational purposes, and to otherwise serve the University.

The objectives of the Foundation are to assist in developing and increasing the facilities of the University by encouraging gifts of money, property, works of art, historical papers and documents and other materials having educational, artistic, or historical value. Such gifts should be conveyed to the Foundation, with proper stipulation as to their use. The Foundation, through its officers and members, will be glad to confer with intending donors regarding suitable clauses to insert in wills and suitable forms of gifts and memorials. The establishment of scholarships is particularly welcomed. Any gifts or bequests can be given suitable memorial names.

The present officers and members of the Board of Directors of the Foundation are:

Mr. Fred P. Thompson, Jr., President, Boise
Mr. Donald M. Day, Vice-President, Boise
Mr. John G. Grant, Secretary, Boise
Dr. Asa M. Ruyle, Treasurer, Boise
Mr. William Bridenbaugh, Director, Boise
Mr. Tom L. MacGregor, Director, Boise
Mr. James D. McClary, Director, Boise
Mr. John H. Keiser, ex officio, Boise State University, Boise
Mr. J. Charles Blanton, Legal Advisor, Boise
Mr. James A. Faucher, Executive Secretary, Boise State University, Boise

Information may be obtained by contacting the Executive Secretary of the Boise State University Foundation, Inc. at (208) 385-3276.
Memorandum

To: Sandi Smith, Graduation Clerk
From: Duane Akroyd, Director, Radiologic Technology Program
RE: Standardized Procedure for Transfer Students in Radiologic Technology
Date: March 10, 1982

Presently more students in other states are completing their Associate Degree in Radiologic Technology and applying to Boise State to complete their Bachelor Degree in Radiologic Technology. In reviewing a few of these cases a basic problem has arisen and it deals with transferred credits from an Associate Degree in Radiologic Technology to our Bachelor Degree Program. Below is my proposal:

If a student meets the below criteria:

1. Graduated from accredited college with Associate Degree
2. Associate Degree in Radiologic Technology
3. Radiologic Technology Program must be accredited by Joint Review Committee on Education in Radiologic Technology and American Medical Association
4. Student is registered or registry eligible for certification from the American Society of Radiologic Technologists

Then I recommend that he or she receives all credits for all following listed professional Radiologic Technology courses at Boise State University.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Practicum, RD 211</td>
<td>2</td>
</tr>
<tr>
<td>Radiographic Positioning I, RD 222</td>
<td>3</td>
</tr>
<tr>
<td>Radiographic Technique &amp; Control, RD 226, 252</td>
<td>6</td>
</tr>
<tr>
<td>Radiographic Physics, PH 103, 104</td>
<td>5</td>
</tr>
<tr>
<td>Intro to Radiologic Science, RD 232</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Clinical Experience, RD 238</td>
<td>1</td>
</tr>
<tr>
<td>Radiographic Positioning II, RD 242</td>
<td>4</td>
</tr>
<tr>
<td>Clinical Experience, RD 285</td>
<td>4</td>
</tr>
<tr>
<td>Clinical Experience, RD 375</td>
<td>5</td>
</tr>
<tr>
<td>Clinical Practicum, RD 311, 321</td>
<td>2</td>
</tr>
<tr>
<td>Radiographic Positioning III, RD 316</td>
<td>4</td>
</tr>
<tr>
<td>Special Radiographic Procedures, RD 360</td>
<td>4</td>
</tr>
<tr>
<td>Medical &amp; Surgical Diseases, RD 350</td>
<td>3</td>
</tr>
<tr>
<td>Clinical Experience, RD 385, 395</td>
<td>12</td>
</tr>
<tr>
<td>Seminar in Radiologic Science, RD 336</td>
<td>4</td>
</tr>
<tr>
<td>Radiographic Positioning IV, RD 320</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Experience, RD 397</td>
<td>5</td>
</tr>
</tbody>
</table>

Although credits and course titles may not match up exactly from one Associate Degree program in Radiologic Technology to another, if the program is accredited as per aforesaid agencies this assures a reasonable continuity of content in the discipline. Although specific curriculum content may be structured differently the total content at the end is very similar. Please contact me on this, as it is a very important consideration for all students with Associate Degrees transferring into our Bachelor Degree program.
Just received a copy of the new University of Idaho catalog and thought you would be interested in their Computer Science program.

Our main concern with the program, of course, is how you will regard their CS-100 class. THAT is the one Computer Science class required of all Business Majors so I PRESUME you can equate it with our IS-210.

If by chance a transfer student from U of Idaho had completed their CS-111 ("Intended for CS Majors") and decided that at BSU he would be a Marketing Major or a Management Major -- or whatever -- could we use the CS-111 as equivalent to our IS-210? YES

Barbara Parrish and I would appreciate your words of wisdom regarding their new (to us) CS line-up. Thanks for your help.

but the CS-111 student could take a departmental challenge exam based on IS-210

ECM
All users of the BSU Catalog, 1982-83 edition, are advised that the following changes, corrections, and additions have been approved for implementation. The 1982-83 edition, with addenda, will be used for two years.

Page 19

TUITION AND FEES

<table>
<thead>
<tr>
<th></th>
<th>Idaho Resident</th>
<th>Non-Resident</th>
<th>Foreign Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-Fees</td>
<td>$0.00</td>
<td>$950.00</td>
<td>$1000.00</td>
</tr>
<tr>
<td>Tuition (Per Semester)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Institutional Fees (Undergraduate)</td>
<td>400.50</td>
<td>400.50</td>
<td>400.50</td>
</tr>
<tr>
<td>Institutional Fees (Graduate)</td>
<td>485.50</td>
<td>485.50</td>
<td>485.50</td>
</tr>
<tr>
<td>Total Tuition and Fees (Undergraduate)</td>
<td>400.50</td>
<td>1350.50</td>
<td>1400.50</td>
</tr>
<tr>
<td>Total Tuition and Fees (Graduate)</td>
<td>485.50</td>
<td>1435.50</td>
<td>1485.50</td>
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</tbody>
</table>

**Payment of full-fees does not necessarily constitute full-time enrollment. Please see page 25 for credit hour requirements.

Other Fees

- Part-time (undergraduate courses) $48.50 per semester hour
- Part-time (graduate courses) $56.00 per semester hour
- Summer (undergraduate) $43.50 per semester hour
- Summer (graduate courses) $51.00 per semester hour
- Non-resident Tuition (part-time) $30.00 per semester hour
- Application Processing Fee $10.00 (Non-refundable)
- Late Registration Fee $50.00 (To apply when petition is required to register)
- Overload Fee $485.50 per credit hour cost for every credit of 20 or more (Effective Spring '83 semester)

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Board and Room Charges*

Meal Options:
A. 7 day / 19 meals (breakfast, lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday)
B. 7 day / 14 meals (lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday)
C. 5 day / 10 meals (lunch, dinner, Monday through Friday)

1982-83 Prices

<table>
<thead>
<tr>
<th>Residence Rooms</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double</td>
<td>$2095</td>
<td>$2065</td>
<td>$2005</td>
</tr>
<tr>
<td>Single</td>
<td>$2425</td>
<td>$2395</td>
<td>$2335</td>
</tr>
<tr>
<td>Large Single</td>
<td>$2652</td>
<td>$2622</td>
<td>$2662</td>
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</tbody>
</table>

Rental Rates Per Month (1982-83 prices)

- University Courts:
  - Small One Bedroom $131.00
  - Large One Bedroom $173.00
  - Two Bedroom $202.00
  - Three Bedroom $231.00
- University Heights:
  - One Bedroom $202.00
  - Two Bedroom $235.00
- University Manor:
  - One Bedroom $202.00
  - Two Bedroom $235.00

The above prices are subject to change.

Page 29

Interdisciplinary Courses

Following HP 492 Honors Colloquium, add following paragraph:

With approval of the University Curriculum Committee, Honors courses, excluding summer readings, may be applicable to core. No more than two honors courses may be from one area.

Page 34

Add new degree following Bachelor of Music

BACHELOR OF APPLIED SCIENCE DEGREE

Vocational-Technical Education Major 64
1. Child Care
2. Consumer Electronics
3. Drafting
4. Horticulture
5. Industrial Electronics
6. Marketing/Mid-Management
7. Other appropriate 2 yr. programs (64 Cr.)

General University Requirements 64

English Composition 3-6

*Area I (Must have three [3] fields) 12
- Art
- Philosophy
- Humanities
- Theatre Arts
- Literature
- Foreign Language
- Music

*Area II (Must have three [3] fields) 12
- Anthropology
- History
- Communication
- Political Science
- Economics
- Psychology
- Geography
- Sociology

*Area III (Must have two [2] fields) 12
- Biology
- Mathematics
- Chemistry
- Physical Science
- Geology
- Engineering

Additional nine (9) credits from Areas II & III

Electives to total sixty-four (64) credits

*Must have a C grade in each Core Curriculum course and an overall GPA of 2.0.

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MAJORS AND DEGREES OFFERED

DELETIONS:

- Art, Secondary Education
- English, Secondary Education
- German, Secondary Education
- Spanish, Secondary Education
- Earth Science, Secondary Education
- History, Secondary Education
- Mathematics, Secondary Education
- Music Education
- Business Education
- Office Systems

ADDITIONS:

- Change MA in Elementary Education to read: MA/S in Education
- Art
- Business Education
- Earth Science
English  
History  
Mathematics  
Music  
Reading  
Special Education  
Early Childhood  
Curriculum and Instruction  
Respiratory Therapy  
AS, BS (BS is added)

Page 39
PRE-ARCHITECTURAL PROGRAM
Change following Special Topics courses to read:
History of American Architecture I, II, AR 270, 271  
Architectural Graphic Communication, AR 255  
Basic Architectural Design, AR 256

Page 40
AR Courses - add the following:
AR 252 History of Photography (3-0-3) (S). This course is designed to provide a basic understanding of both the technical and visual history of photography. Through slide presentations, important photographers of the 19th and 20th centuries will be discussed in terms of their role in the development of photography as an art form.
AR 255 Architectural Graphic Communication (1-4-3) (F). Study of architectural presentation techniques, including rendering, shades and shadows, model building, use of color. Also study of basic orthographic projection, including plans elevation and sections. Advisable to take AR 105 and AR 106 before enrolling in AR 255 Architectural Graphic Communication.
AR 256 Basic Architectural Design (1-4-3) (S). Introduction to the process of architectural design. Combines basic architectural projects with presentation techniques learned in AR 255 Architectural Graphic Communication. Advisable to take AR 105, AR 106, and AR 255 before enrolling in AR 256 Basic Architectural Design.
AR 270 History of American Architecture I (3-0-3) (F). History of early American architecture from developments after Plymouth Rock landing in the early 17th century through mid 19th century.
AR 271 History of Modern American Architecture II (3-0-3) (S). History of modern American architecture from 1860 to the present.
AR 346 Photography: Zone System (2-4-3) (F). This course deals with the important relationship that exists between the negative and the print in photography. This course will provide an understanding of the negative and print processes. Special emphasis will be placed on the development of photography as an art form. 

Pages 50-53
DEPARTMENT OF FOREIGN LANGUAGES & LITERATURES
Foreign Language Majors, Bachelor of Arts Degrees have been discontinued. For teaching options with a minor endorsement, and specific courses to be offered, contact the Department of Teacher Education and Library Science.

Page 58
MATHEMATICS MAJOR
Change the paragraph in mid-page which starts, "and a 400 level course (of 3 or more credits) ..." to read:
and a 400 level course (numbered below M 490) in addition to those in the sequence selected. M 406 or M 431-432, which may be used in specific area requirements, are also allowed in satisfying the overall requirements of 27 upper division hours in Mathematics. No more than 4 credits of the combined total of credits earned for courses numbered M 490 through M 499 can be used toward the 27 credits of upper division Mathematics requirement.

Page 58
MATHEMATICS COURSES
Change M 100 A Cultural Approach to Mathematics to read:
M 100 Mathematics for Liberal Arts Students (4-0-4) (Area II). Designed for liberal arts students. Emphasis is on the nature of mathematical knowledge, its meaning, methodology, and use. Generally topics will be selected from the elementary materials in set theory, logic, number theory, algebra, geometry, probability, statistics, graph theory. Prerequisite: A year of high school mathematics or PERM/INST. 

Page 60
MATHEMATICS COURSES
Add the following additional courses:
M 126 Introduction to Computer Science (4-0-4) (S). A course in the fundamentals of computing for students planning to become computer professionals. Emphasis will be placed on the development of the computer scientist. Introduces the concepts of machine and assembly language, number systems, data representation, algorithms, elementary symbolic logic, structured programming, applications, and social impact of computers. Prerequisite: M 112 or M 124 or consent of instructor.
M 358 Discrete Mathematical Structures (3-0-3) (F-even numbered years). The study of fundamental logical, algebraic, and combinatorial concepts from mathematics useful in abstracting ideas in other disciplines. Special emphasis will be placed on applications to computer science. Topics are: The nature of formal systems, logical deduction, sets, relations, graphs and directed graphs, trees, binary operations, groups, and combinatorics with emphasis on enumerations. Prerequisite: M 206 or M 212 or consent of instructor.

Page 80
ACCOUNTING MAJOR
Bachelor of Business Administration Degree
FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Change:</td>
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<tr>
<td>General Electives (Area I, II, III)</td>
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<tr>
<td>to:</td>
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<tr>
<td>Approved Core Courses in Area I*</td>
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</tr>
<tr>
<td>Approved Core Courses in Area II*</td>
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</tr>
<tr>
<td>Non Business Electives**</td>
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<td>3</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives (Areas I, II, III)</td>
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<tr>
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<tr>
<td>Approved Core Courses in Area III*</td>
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<tr>
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JUNIOR YEAR:

<table>
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<tbody>
<tr>
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<tr>
<td>Business Law II GB 302</td>
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SENIOR YEAR:

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<tbody>
<tr>
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<tr>
<td>Advanced Accounting AC 470</td>
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<tr>
<td>to:</td>
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<tr>
<td>Advanced Accounting, I, II AC 460-470</td>
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<td>Change:</td>
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<tr>
<td>Upper Division Econ Elective</td>
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<tr>
<td>to:</td>
<td></td>
<td></td>
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<tr>
<td>Business Law II GB 302</td>
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<td>3</td>
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<td>Change:</td>
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<td>General Electives</td>
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<td>to:</td>
<td></td>
<td></td>
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<tr>
<td>Electives</td>
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</tr>
</tbody>
</table>

*Approved Core Electives are listed under General University Requirements.
**See BBA Requirements

Page 81
AC ACCOUNTING COURSES
AC 207 Intermediate Accounting to be deleted.
Replace AC 304 and AC 306 with the following:
AC 304 Intermediate Accounting I (3-0-3) (F-S). The course includes problems of valuation and presentation of assets, liabilities and proprietorship items. Analytical accounting problems and preparation of work sheets, financial statements and development of special reports are discussed. Future and present value concepts, current accounts and inventories are also included. Prerequisite: AC 206.
AC 306 Intermediate Accounting II (3-0-3) (F-S). Continuation of AC 304. Operational fixed and intangible assets are covered. Also covered are: accounting for stockholders equity, accounting changes, long-term investments in equity securities and price level changes. Prerequisite: AC 304.
AC 351 - change prerequisite from AC 205 to AC 206.
Replace AC 360, Government Accounting, with the following:

AC 460 Advanced Accounting I (3-0-3) (F/S). Topics covered in the course include: Governmental and non-profit accounting interim reports, segment reporting, corporate liquidations, estates and trusts, and franchises and consignments. Prerequisite: AC 306.

Replace AC 470 Advanced Accounting, with the following:

AC 470 Advanced Accounting I (3-0-3) (F/S). Study of partnership organization, business combinations and consolidated financial statements; international accounting standards. Prerequisite: AC 460.

AC 482 CPA Problems, change prerequisite statement to: Prerequisite: AC 405 and AC 460 or permission of instructor.

Pages 83/84

Delete - Office Systems, Associate of Science Degree, Word Processing Program, and on page 84, the Secretarial Program.

Delete following courses: OA 101, OA 105, OA 115.

Page 91

MARKETING MAJOR, SENIOR YEAR

Change to:

SENIOR YEAR:

*Advanced Marketing Mgmt MK 425 .............. 3
Consumer Behavior MK 307.................... 3
Marketing Electives ................................ 3
Business Policies GB 450 ..................... 3
Marketing Research MK 415 .................. 3

***Electives ........................................ 12

Credit Totals: 15 1st Semester, 15-16 2nd Semester.

Under Two Year Programs delete - Fashion Merchandising, Mid-Management

Page 92

MARKETING, MID-MANAGEMENT COURSES

Following courses have been deleted: MM 103, MM 107, MM 109, MM 111.

Page 99

PSYCHOLOGY COURSES

P 401 and P 495, change from (3-0-3) to (0-3-3).

Page 107

GRADUATE PROGRAMS IN EDUCATION

Change paragraph to read:

A Master of Arts/Science in Education is offered through the Department of Teacher Education and Library Science. The candidate may select from 11 areas of emphasis: (1) Curriculum and Instruction, (2) Early Childhood, (3) Reading, (4) Special Education, (5) Art, (6) Business Education, (7) Earth Science, (8) English, (9) History, (10) Mathematics, and (11) Music. The specifics of the programs are presented in the Graduate School Section of this Catalog.

LIBRARY SCIENCE COURSES

Delete LS 101 Introduction to use of Books and Libraries.

Change title of LS 102 to Read: Library Skills I (0-2-1).

Add new courses:

LS 103 Library Skills II (0-2-1). Builds on LS 102 Library Skills I and introduces additional and more sophisticated library materials and techniques. Prerequisite: Prior or concurrent enrollment in LS 102.

LS 201 Introduction to the Use of Libraries and the Teaching of Library Skills (2-2-3) (F, Su). Teaches efficient use of library materials, catalogs, indexes, and reference sources in various subject fields and prepares teachers and librarians to teach library skills to elementary and secondary school students.

Change Course Descriptions as follows:

LS 301 Library Organization and Administration (3-0-3) (F, Su, every third fall: 1984, 1987, every third summer: 1984, 1987). An introduction to the development, organization, and management of all types of libraries with emphasis upon the school library and its place in the instructional program. Prerequisite: LS 201 or permission of the instructor.


LS 321 Basic Book Selection (3-0-3) (S, Su, every odd numbered years). Principles and techniques for evaluating and selecting library materials. Introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discard and weeding, and materials for slow and gifted readers. Prerequisite: LS 201 or permission of instructor.

Page 113

MEDICAL RECORD SCIENCE

SOPHOMORE YEAR:

Change Elective (Area II) 3 Cr from 1st to 2nd semester.

Add: Introduction to Health Law and Ethics H 213, 2 Cr in 1st semester.

Delete: Basic Legal Concepts for Health Practitioners H 210, 3 Cr 2nd Semester.

Credit Totals: 16 1st Semester, 15-16 2nd Semester.

Page 114

RADIOLOGIC TECHNOLOGY

SENIOR YEAR:

Change Intro to Business GB 101 to Elective Area II.

Add course number to Radiographic Quality Assurance RD 408.

Page 115/116

RESPIRATORY THERAPY PROGRAM

Delete 2nd and 3rd paragraphs at beginning of section, beginning with "The Respiratory Therapy Program at BSU consists ... ."

Add in lieu thereof:

The Respiratory Therapy curriculum consists of a preprofessional year followed by two years of professional study leading to an Associate of Science degree in Respiratory Therapy. The Associate of Science degree qualifies the student for the examination of the National Board of Respiratory Therapy. If desired, the student may continue on to the Baccalaureate degree.

The Respiratory Therapy Program has been granted accreditation by the Committee on Allied Health Education and Accreditation of the American Medical Association.

FIRST PROFESSIONAL (SOPHOMORE) YEAR:

Replace Introduction to Biophysics with Foundations of Physical Science PS 100

Add, immediately preceding COURSE OFFERINGS:

BACCALAUREATE DEGREE CURRICULUM

Prerequisite for admission: Each student must have met and satisfactorily completed all requirements for the associate degree in Respiratory Therapy at BSU, or have an associate degree in Respiratory Therapy and/or related discipline from a comparable college/university program, and have permission of the program director.

SENIOR YEAR

1ST SEM. | 2ND SEM.
--- | ---
Personnel Administration MG 305 | 3 |
Human Resource Management MG 401 | 3 |
Intro Data Processing DP 210 or | 3 |
Intro Financial Accounting AC 205 | 3 |
Electives (Area I or II) | 3 |
Compensation Management MG 406 | 3 |
Respiratory Therapy Colloquium RT 401 | 3 |
Electives (Area I) | 3 |

Credit Totals: 18 1st Semester, 17-18 2nd Semester.
Page 118

HEALTH SCIENCES COURSES

Delete H 210 Basic Legal Concepts for Health Practitioners

Add the following new course:

H 213 Introduction to Health Law and Ethics (2-0-2) A broad introduction to the basic legal and ethical concepts considered to be essential in the care of clients by health care providers. A foundation course for instruction in the specialized application of this content in the students' major health care disciplines.

Page 125

PRE-VETERINARY MEDICINE — BS

Change second paragraph, second line to read "average of at least 3.20.

Change fourth paragraph last sentence to read "The 300 hours must be completed by November 1 of the year of application to WSU."

Page 127

GRADUATE SCHOOL

Change PROGRAMS AND AREAS OF EMPHASIS to:

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Science in Accounting, Master of Arts/Science in Education, and Master of Public Administration.

AREAS OF EMPHASIS


The Master of Public Administration Degree Program has three areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

Pages 134-137

School of Education

MASTER OF ARTS—SCIENCE IN EDUCATION

GENERAL REQUIREMENTS

Admission will be granted to applicants who hold a Bachelor degree from an accredited college or university and who have some professional relationship to education. Candidates must show promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program for which they apply.

Applicants for regular status in the program must have maintained a GPA of at least 3.00 for the last two years of undergraduate study, or an overall GPA of 2.75. Provisional status may be granted to an applicant not meeting the listed requirements.

The name of the faculty member who will serve as chairperson of the candidate's committee is listed in the letter of acceptance. Candidates should contact the assigned committee chairperson and the Dean of the School of Education prior to such planning are subject to the review and approval of the candidate's committee specifically for that candidate following guidelines established by the department. After the candidate has written the examination, the committee will meet with the candidate to review and analyze the outcome of the examination and clarify the results prior to final approval or rejection.

AREAS OF EMPHASIS

Art, Business Education, Earth Science, English, History, Mathematics, Music, Curriculum and Instruction, Reading, Special Education, and Early Childhood Education.

Those students selecting one of the following areas of emphases will follow the procedures set forth by respective departments: Art, Business Education, Earth Science, English, History, Mathematics, and Music.

The common Core courses for the Graduate Program in Art, Business Education, Earth Science, English, History, Mathematics and Music emphases are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 570 Graduate Core - Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>TE 563 Conflicting Values in Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Elective Courses (Select 2 from the following):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>TE 564</td>
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<td>TE 565</td>
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</tr>
<tr>
<td>TE 566</td>
<td>1</td>
</tr>
<tr>
<td>TE 558</td>
<td>1</td>
</tr>
<tr>
<td>TE 569</td>
<td>1</td>
</tr>
</tbody>
</table>

TOTAL CREDITS 6

Additional credits to the above will be determined by the respective departments.

OPTION REQUIREMENTS

The Education Graduate Program provides two options for those selecting one of the following emphases: Curriculum and Instruction, Early Childhood, Reading, and Special Education: Option I Thesis/Project and Option II Written Comprehensive Examination.

OPTION I

(Term/Project)

Required of all candidates — Core Program | 9

Required of all candidates — Fundamentals of Educational Research for Teachers TE 551 | 3

Required of all candidates — Theses/Project | 6

Selected Elective and/or Specific Requirements | 15

Total | 33

A Thesis/Project, as mutually agreed upon by the Option I candidate and the committee, is required of the candidate. Selection of a Thesis/Project implies a research emphasis with a Thesis format. Selection of a Project implies a Project directly related to instruction or some other aspect of an educational program.

OPTION II

(Comprehensive Examination)

Required of all candidates — Core Program | 9

Required of all candidates — One of the following:

Fundamentals of Educational Research for Teachers TE 551 | 3

Interpreting Educational Research TE 556 | 1

Selected Electives and/or Specific Requirements | 23-21

(Thesis/Project not required) | 33

Required of all candidates — A comprehensive written examination at the end of the coursework. This examination is to be tailored to each candidate's specific needs as a teacher. Specific courses are listed within each area of emphasis.

Graduate Core for Curriculum and Instruction, Reading, Special Education, and Early Childhood Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 570 Graduate Core - Issues in Education</td>
<td>3</td>
</tr>
<tr>
<td>TE 571 Graduate Core - Directed Writing</td>
<td>3</td>
</tr>
<tr>
<td>TE 563 Conflicting Values in Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Elective Courses (Select 2 from the following):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 564 Creative Teaching - Secondary School (1 cr)</td>
<td>2</td>
</tr>
<tr>
<td>TE 565 Interpreting Educational Research (1 cr)</td>
<td>1</td>
</tr>
<tr>
<td>TE 566 Learning Theory and Classroom Instruction (1 cr)</td>
<td>1</td>
</tr>
<tr>
<td>TE 568 Techniques of Classroom Management (1 cr)</td>
<td>1</td>
</tr>
<tr>
<td>TE 569 Testing and Grading (1 cr)</td>
<td>1</td>
</tr>
<tr>
<td>TE 573 Creative Teaching in Elementary School (1 cr)</td>
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</tbody>
</table>

TOTAL CREDITS 9


Curriculum and Instruction

1. Graduate Core ............................................. 9
2. TE 581 Curriculum Planning and Implementation .......... 3
3. TE 582 Analysis and Improvement of Instruction .......... 3
4. Content area courses ...................................... 9
5. Elective options (choose A or B, below) ................. 9
   A. Thesis/Project Option
      TE 551 Fundamentals of Educational Research for Teachers .............. 3
      TE 591/593 Thesis/Project .................................. 6
   B. Comprehensive Written Examination Option
      Either
      TE 551 Fundamentals of Educational Research for Teachers .............. 3
      Or
      TE 566 Interpreting Educational Research (taken as part of 9 credit Core) 6
   Electives .................................................. 6 or 9
   TOTAL CREDITS ............................................. 33

Early Childhood Emphasis

Required Courses:
1. Graduate Core ............................................. 9
2. TE 543 Childhood Education - Research and Review .......... 3
3. TE 544 Advancing Physical and Intellectual Competencies in Early Childhood Education .............. 3 15

Selected Electives (6):
- Creativity in Early Childhood Education TE 545 ......... 3
- Diagnosis & Evaluation in Early Childhood Education TE 546 ......... 3
- Language Acquisition & Development in Early Childhood Education TE 547 ......... 3

Program Development in Early Childhood Education TE 548 ......... 3 6

   A. Thesis/Project Option
      TE 551 Fundamentals of Educational Research for Teachers .............. 3
      TE 591/593 Thesis/Project .................................. 6 9
   B. Comprehensive Written Examination Option
      Either
      TE 551 Fundamentals of Educational Research for Teachers .............. 3
      Or
      TE 566 Interpreting Educational Research (taken as part of 9 credit Core) 1-3 1 or 3

Open Electives .............................................. 3-11
   TOTAL CREDITS ............................................. 33

Special Education

1. Graduate Core ............................................. 9
2. TE 450G Behavior Intervention Techniques .................. 3
3. TE 515 Development of Skills for Teaching Pupils with Learning Difficulties OR TE 517 Development of Skills for Teaching the Mentally Retarded .................. 3
4. TE 590 Practicum in Mental Retardation or Learning Disabilities ......... 4
5. Elective Options (choose A or B, below) ................. 14
   A. Thesis/Project Option
      TE 551 Fundamentals of Educational Research for Teachers .............. 3
      TE 591/593 Thesis/Project .................................. 6
      Electives .................................................. 5
   B. Comprehensive Written Examination Option
      Either
      TE 551 Fundamentals of Educational Research for Teachers .............. 3
      Or
      TE 566 Interpreting Educational Research (taken as part of 9 credit Core) 11 or 14

   TOTAL CREDITS ............................................. 33

NOTE: An Idaho endorsement for teaching special education at the secondary level requires 30 semester credits of special education courses.

Page 138

TE COURSES

Delete TE 567 Teaching Subject Content Through Reading.

Add:

TE 582 Analysis and Improvement of Instruction (3-0-3). Techniques will be taught to help teachers assess their strength and weaknesses and implement plans for self-improvement. Practice will be provided in using tools of analysis, which may include content analysis, Flander's Interaction Analysis System, student performance, and nonverbal behavior. Students will be required to develop and implement plans for improving the quality of instruction in their classrooms.

Page 138-142

MASTER OF ARTS/SCIENCE

Change all Master of Arts, Secondary Education to read: Master of Arts in Education.

Change all Master of Science, Secondary Education to read: Master of Science in Education.

Change all references to Secondary Education Core Courses TE 560 to:
Education Core Courses TE 570 .......... 6

Page 146

DENTAL ASSISTING COURSES

Change DA 104 Dental Radiology from (0-4-2) to (0-8-4).

SURGICAL TECHNOLOGY

9-Month Program, change to read:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>ST 100 Introduction &amp; Basic Sciences .................. 3</td>
<td>-</td>
</tr>
<tr>
<td>ST 101 Operating Room Techniques ..................... 4</td>
<td>-</td>
</tr>
<tr>
<td>ST 102 Sterilization &amp; Disinfection .................. 1</td>
<td>-</td>
</tr>
<tr>
<td>ST 110 Care of Surgical Patient ....................... 1</td>
<td>-</td>
</tr>
<tr>
<td>ST 111 Surgical Procedures .............................</td>
<td>4</td>
</tr>
<tr>
<td>ST 131 Clinical Practice ................................</td>
<td>3</td>
</tr>
<tr>
<td>ST 132 Advanced Clinical Practice .....................</td>
<td>6</td>
</tr>
<tr>
<td>PE 297 First Aid (Multimedia) .......................... 1</td>
<td>-</td>
</tr>
<tr>
<td>Z 111 Anatomy and Physiology ........................... 4</td>
<td>-</td>
</tr>
<tr>
<td>Z 112 Anatomy and Physiology ........................... 1</td>
<td>2</td>
</tr>
</tbody>
</table>

The above credit hours are assigned to represent 15 contact hours of class for each credit and 60 contact hours for each laboratory or clinical credit hour.

The Surgical Technology Program is a competency based curriculum containing modules developed for individual student progress. Each of the classes (see above) contains modules complete with reading assignments, laboratory practice assignments and a written test to let the student know when mastery of the module has been accomplished. All modules must be successfully completed to qualify for a Certificate of Completion.
The student is required to be concurrently enrolled in Human Anatomy and Physiology Z 111, Z 112, and First Aid Core Block I, or have recently completed these classes successfully (C or better).

Enrollment is limited due to clinical facilities available and applicant must participate in a selection process prior to enrollment.

Classes begin Fall Semester only.

ST 100 Introduction and Basic Sciences (3-0-3) (F) Includes modules: (1) The Health Care Team and Its Language; (2) The Evolution of Asepsis; (3) Ethical, Moral and Legal Responsibilities; (4) The Operating Room Suite; (5) Principles of Asepsis; (6) Introduction to Pharmacology; (7) Introduction to Oncology; (8) Introduction to Treatment of Fractures; (9) Diagnostic Procedures.

ST 101 Operating Room Techniques (3-3-4) (F). Includes modules: (1) Safety and Economy in the Operating Room; (2) Duties of the Scrub and Circulating Technician; (3) The Surgical Hand Scrub, Gowning and Gloving; (4) Draping Techniques; (5) Sutures and Needles; (6) Sponges, Drapes, Drains, Care of Specimens; (7) Instruments and Special Equipment.

ST 102 Sanitation and Disinfection (1-1-1) (F). Includes modules: (1) Introduction to Microbiology - The Microbe; (2) Introduction to Microbiology - The Body's Defenses; (3) Injury, Wound Healing and Hemostasis; (4) Infection - The Process, Prevention and Control; (5) Sterilization and Disinfection Methods.

ST 110 Care of the Surgical Patient (3-3-6) (S) Includes modules: (1) The Patient; (2) Preparation of the Surgical Patient; (3) Transportation of the Surgical Patient; (4) Positioning the Surgical Patient; (5) Anesthesia; (6) Recovery Room and Emergency Room Care.

ST 111 Surgical Procedures (6-4-8) (S) Includes modules: (1) General Surgical Procedures; (2) General Abdominal Procedures; (3) Orthopedic Surgery; (4) Obstetric and Gynecological Procedures; (5) Genitourinary and Transplant Surgery; (6) Plastic Surgery; (7) Ophthalmic Surgery; (8) Noce, Oral Surgery; (9) Neurosurgery; (10) Microsurgery; (11) Cardiovascular and Thoracic Surgery; (12) Pediatric and Geriatric Surgery. Each of the modules includes a brief history, procedures, special considerations and the drugs used.

ST 131 Clinical Procedures (2-6-3) (F) Includes patient care and beginning experience in the operating room, outpatient and central supply.

ST 132 Advanced Clinical Practice (4-8-6) (S). Includes advanced experience in surgery, scrubbing, and circulating. Prerequisite: ST 131.

The program has been accredited by the Joint Review on Education for the Surgical Technician, sponsored by the American Medical Association Council on Allied Health Education.

PRACTICAL NURSING
11-Month Program

Delete paragraph 4 and add the following:

ADMISSION

Entrance requirements: high school graduate or pass the General Educational Development Test. Satisfactory scores on the pre entrance test, which is given by Boise State University. A complete medical examination is required. The applicant will be interviewed by a committee. Twenty-four students will be selected for the September and January programs and ten students selected for the Nampa program.

The courses will be offered at various times during the eleven months depending upon the admission date and the availability of clinical experiences. This curriculum represents 1500 contact hours which are the requirements of the Idaho State Board of Nursing. A student must complete the following requirements to graduate from the program.

SUBJECTS

Professional Concepts PN 101 ........................................ 1
Anatomy and Physiology for Practical Nursing PN 102 ............ 3
Medical-Surgical Nursing PN 103 .................................. 13
Medical-Surgical Nursing PN 104 .................................. 14
Nutrition and Diet Therapy PN 105 .................................. 1
Emergency Nursing Concepts PN 106 ............................. 1
Pharmacology for Practical Nursing PN 107 .................... 1
Pharmacology Clinical PN 108 ..................................... 2
Geriatric Nursing PN 109 ............................................. 1
Geriatric Clinical PN 110 ........................................... 4
Maternal and Child Health PN 111 .............................. 2
Maternal and Infant Clinical PN 112 .............................. 3
Pediatric Clinical PN 113 ......................................... 2
Clinical Technique (Theory) PN 114 ....................... 5
Clinical Foundations PN 115 .................................... 2
Mental and Community Health PN 116 .................... 2
Occupational Relations and Mental Illness PN 262 ............ 2
Clinical Electives PN 117 .......................................... 1

COUSE OFFERINGS

PN — PRACTICAL NURSING (Courses are offered Fall, Spring and Summer)


PN 102 Anatomy and Physiology for Practical Nursing (3-0-3): A study of the normal structure and function of body cells, tissues, organs and systems, including the interrelationship of body systems.

PN 103 Medical-Surgical Nursing (13-0-13): A study of diseases and disorders of the body systems including planning and implementation of nursing care.

PN 104 Medical-Surgical Nursing Clinical (5-0-4): Clinical experience for PN 103. Prerequisite: PN 103.

PN 105 Nutrition and Diet Therapy (1-0-1): An introduction to nutrition and identification of nutritional needs in health and illness, including the study of diet therapy.


PN 107 Pharmacology for Practical Nursing (1-0-1): A study of drug classification, modes of administration and principles of pharmacology essential to drug administration.


PN 109 Geriatric Nursing (1-0-1): A study of the health needs and problems particular to the elderly patient.


PN 111 Maternal and Child Health (4-0-4): A study of the normal growth and development from conception to middle years, the study of diseases and disorders of the pediatric patient and care of the obstetric patient both in health and illness.

PN 112 Maternal and Infant Clinical (6-0-3): Clinical experience for PN 111. Prerequisite: PN 111.

PN 113 Pediatric Clinical (4-0-4): Clinical experience for PN 112. Prerequisite: PN 112.

PN 114 Clinical Technique (3-4-5): The student will develop skills in activities and procedures basic to patient care and includes medical terminology.

PN 115 Clinical Foundations (4-0-4): Clinical experience for PN 114. Prerequisite: PN 114.

PN 116 Mental and Community Health (1-0-1): A study of the health needs of the individual family and community, including the essentials of mental health.

PN 262 Occupational Relations and Mental Illness (2-0-2): Course is designed to enable a student to become skilled in dealing effectively with people and for applying, obtaining and advancing in employment. Also includes a study of signs/symptoms of mental illness.

PN 117 Clinical Electives (0-2-1). The student will obtain clinical experiences in a specialty area as arranged by the instructor.

Page 147

MACHINE SHOP

Change title and first paragraph to:

MACHINE SHOP TECHNOLOGY
Two Year Program

A specialized Machine Shop Technology program is provided for students desiring to become machine tool operators. Students receive instruction in the set-up and use of all basic machines including engine lathes, milling machines, planers, shapers, surface grinders, numerically controlled tape machines, and bench work connected with them. Students will also learn about the many different materials and processes used by industry. They will receive related technical instruction and practical experience in the use of various precision, measuring and testing equipment now being used by metals manufacturing industries.

Page 153-154

FASHION MERCHANDISING - MID-MANAGEMENT

Delete - Program has been discontinued.

Page 154

OFFICE OCCUPATIONS

Replace Options: with the following:

CLERK-TYPIST - 2 semesters

<table>
<thead>
<tr>
<th>CLERK-TYPIST - 2 semesters</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Math/Machines OF 118</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Business Communications OF 110</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Business Writing OF 120</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Typing I OF 102 OR Typing II OF 103 OR Typing III OF 104</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Typing IV OF 104</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Word Processing OF 114</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Record Keeping OF 116</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Filing &amp; Records Management OF 112</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>V-T Elective or School of Business Elective</td>
<td>2-3</td>
<td>-</td>
</tr>
<tr>
<td>15-16</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>
CLERK-GENERAL OFFICE - 2 semesters

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Math / Machines OF 118</td>
<td>4</td>
</tr>
<tr>
<td>Business Communications OF 110</td>
<td>5</td>
</tr>
<tr>
<td>Business Writing OF 120</td>
<td>5</td>
</tr>
<tr>
<td>Typing I OF 102 OR Typing II OF 103 OR</td>
<td>4 4</td>
</tr>
<tr>
<td>Typing III OF 104</td>
<td>4</td>
</tr>
<tr>
<td>Filing &amp; Records Management OF 112</td>
<td>2</td>
</tr>
<tr>
<td>Bookkeeping II OF 101</td>
<td>5</td>
</tr>
</tbody>
</table>

18 15

SECRETARY - 2 semesters

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Math / Machines OF 118</td>
<td>4</td>
</tr>
<tr>
<td>Business Communications OF 110</td>
<td>5</td>
</tr>
<tr>
<td>Business Writing OF 120</td>
<td>5</td>
</tr>
<tr>
<td>Typing I OF 102 OR Typing II OF 103 OR</td>
<td>4 4</td>
</tr>
<tr>
<td>Typing III OF 104</td>
<td>4</td>
</tr>
<tr>
<td>Word Processing OF 114</td>
<td>3</td>
</tr>
<tr>
<td>Record Keeping OF 116</td>
<td>3</td>
</tr>
<tr>
<td>Filing &amp; Records Management OF 112</td>
<td>1</td>
</tr>
<tr>
<td>Beginning Shorthand OA 101 OR Intermed.</td>
<td>1</td>
</tr>
<tr>
<td>Shorthand OA 121 OR Advanced</td>
<td>2</td>
</tr>
<tr>
<td>Beginning Shorthand Lab OF 117 OR</td>
<td>4</td>
</tr>
<tr>
<td>Intermediate Shorthand Lab OF 115</td>
<td>4</td>
</tr>
</tbody>
</table>

18 21

COURSE DESCRIPTIONS

OF - OFFICE OCCUPATIONS

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>OF 100 Bookkeeping I (3-4-5) (F)</td>
<td></td>
</tr>
<tr>
<td>Covers the entire bookkeeping cycle for sole proprietorship bookkeeping. Includes journalizing, posting, financial statements, payroll, and closing procedures.</td>
<td></td>
</tr>
<tr>
<td>OF 101 Bookkeeping II (3-4-5) (S)</td>
<td></td>
</tr>
<tr>
<td>Covers the entire bookkeeping cycle for a corporation. Includes the use of special journals, cash register system, sales, taxes, uncollectable accounts, depreciation, disposal of plant assets, notes, accruals, partnerships, and corporations.</td>
<td></td>
</tr>
<tr>
<td>OF 102 Typing I (2-8-4) (F)</td>
<td></td>
</tr>
<tr>
<td>Theory and keyboard operations on the typewriter with application for personal or business use. Developing/measuring basic skills.</td>
<td></td>
</tr>
<tr>
<td>OF 103 Typing II (2-6-8) (F/S)</td>
<td></td>
</tr>
<tr>
<td>Review of typing fundamentals for development of speed and accuracy with applications of these skills for business use. Measuring basic/production skills.</td>
<td></td>
</tr>
<tr>
<td>OF 104 Typing III (2-8-6) (F/S)</td>
<td></td>
</tr>
<tr>
<td>Continued study of typewriting procedures to develop speed and accuracy in office applications. Measuring basic/production skills.</td>
<td></td>
</tr>
<tr>
<td>OF 110 Business Communications (5-0-5) (F)</td>
<td></td>
</tr>
<tr>
<td>Emphasis on developing grammar skills such as parts of speech, punctuation, capitalization, spelling, and vocabulary skills.</td>
<td></td>
</tr>
<tr>
<td>OF 112 Filing (1-2-1) (F/S)</td>
<td></td>
</tr>
<tr>
<td>Designed to provide fundamental training in records management so students will be able to meet entry-level records management needs of business. At conclusion of the course, students will have learned to handle all types of correspondence and forms most frequently found in modern offices. They also will have had experience with the four filing methods: alphabetic, numeric, subject, and geographic.</td>
<td></td>
</tr>
<tr>
<td>OF 114 Word Processing (2-3-3) (S)</td>
<td></td>
</tr>
<tr>
<td>The development of speed and accuracy in machine transcription by using programmed tapes and simulated office work experience. Student will learn to transcribe from machine letters, transcripts, memos, reports and statistical tables. Also included is the development of skills using memory typewriter and other up-to-date word processing equipment. Emphasis is placed on creation, storage, and retrieval of typed material.</td>
<td></td>
</tr>
<tr>
<td>OF 115 Shorthand II Lab (0-2-1) (F/S)</td>
<td></td>
</tr>
<tr>
<td>Open lab to be used in conjunction with OA 121.</td>
<td></td>
</tr>
<tr>
<td>OF 116 Record Keeping (2-3-3) (F/S)</td>
<td></td>
</tr>
<tr>
<td>Proceeds from very simple clerical tasks to the introduction of elementary double-entry bookkeeping concepts. Develops skills and knowledge that students can use in simple clerical office jobs in which recordkeeping is involved.</td>
<td></td>
</tr>
<tr>
<td>OF 117 Beginning Shorthand Lab (0-2-1) (F)</td>
<td></td>
</tr>
<tr>
<td>Open lab to be used in conjunction with OA 101.</td>
<td></td>
</tr>
<tr>
<td>OF 118 Business Math/Machines (3-2-4) (F/S)</td>
<td></td>
</tr>
<tr>
<td>Fundamental operations of arithmetic in business usage: Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation. Student will learn the touch system using the electronic printing calculator.</td>
<td></td>
</tr>
<tr>
<td>OF 120 Business Writing (5-0-5) (S)</td>
<td></td>
</tr>
<tr>
<td>Designed to emphasize the building of a foundation in effective business writing principles. Preparation of a variety of business letters is required.</td>
<td></td>
</tr>
</tbody>
</table>
BSU CATALOG, 1982-83 EDITION
SECOND ADDENDUM, FEBRUARY, 1983

All users of the BSU Catalog, 1983-84 edition, are advised that the following changes, corrections, and additions have been approved for implementation together with those distributed in the first Addendum, August, 1982. The 1982-84 edition, with addenda, will be used for two years.

Page 5
Boise State University Calendar, 1983-1984 has been published separately. Copies may be obtained from the Admissions Office. Following highlights only:
- Summer Session, 1983
- Registration June 3, 1983. Classes June 6 to August 12.
- Fall Semester, 1983
- New Student Early Registration June 16-18, 1983
- Faculty on duty Aug. 22
- Open Registration Aug. 26
- Classes Aug. 29 through Dec. 17
- Spring Semester, 1984
- Advising/Pre-Registration Nov. 7-11, 1983
- Faculty on duty Jan. 9, 1984
- Open Registration Jan. 11, 1984
- Classes Jan. 12 through May 12
- Commencement May 13, 1984
- Summer Session, 1984 Classes June 4 through August 10, 1984

Page 12
Under Interdisciplinary Studies in the Humanities change title of the "core" humanities course from Nature of Man to Human Nature.

Page 20
Column 1, first full paragraph, change "8 credit hours" to read "12 credit hours." Delete the last sentence in this paragraph, "Unsatisfactory grades at . . . entire semester."

Page 21
Replace section on Financial Aid and Academic Probation with the following:

HOW DOES ACADEMIC PROBATION AFFECT FINANCIAL AID ELIGIBILITY?

Financial Aid Policies require that students who are on any kind of academic probation (on the Registrar's Probation, Continued Probation, or Dismissal Lists) automatically lose eligibility for financial aid. Financial aid eligibility can be reinstated only when the student is no longer on academic probation. REINSTATEMENT BY A DEAN FOR ENROLLMENT PURPOSES DOES NOT CONSTITUTE REINSTATEMENT FOR FINANCIAL AID.

Exception: Students on academic probation who earned at least 12 credit hours with a 2.5 GPA during the most recent semester at Boise State University.

TRANSFER STUDENTS applying for financial aid must request that an evaluation of transfer credits be made at the time of application. If a Transfer Student is admitted "on probation" he/she will not be eligible for financial aid.

FINANCIAL AID APPEALS: The Financial Aids Appeals Committee will consider written appeals from students who feel there are extenuating circumstances surrounding their academic probation. Students will be notified in writing of the disposition of their appeal.

Page 26
Change last 3 sections to read as follows:

ADDING A COURSE

Students may add a course(s) during open registration without the written consent of the professor. A "Change in Registration" form must be secured, signed by the advisor for students enrolling in 8 credit hours or more, and a "class card" obtained from the appropriate departmental office. Detailed procedural information and instructions are printed each semester in the Class Schedule.

Students who wish to add courses after the open registration period must first obtain an "Appeal for Change in Registration" form from the Registrar's Office. This form must be signed by each professor, advisor (if enrolled in 8 credit hours or more), and a "class card" obtained from the Registrar's Office. The approved petition form must be filed with the Registrar's Office.

DROPPING A COURSE

Students may drop a course(s) during the open registration period without the consent of the professor. A "Change in Record and Registration" form must be secured and signed by the advisor for students enrolled in 8 credit hours or more. Courses dropped within this period will not be recorded on the student's transcript.

From the end of the open registration period until the end of the sixth week of classes, students must secure the consent and signature of the professor and advisor (if enrolled for 8 credit hours or more). Courses dropped within this period will be recorded with a grade of "W."

All appeals or petitions for an emergency or medical withdrawal from course(s) will be handled by the Dean of Student Special Services.

Students appealing to drop course(s) after the end of the sixth week without emergency or medical reasons must obtain an "Appeal for Change in Registration" form from the Registrar's Office. This form must be signed by each professor, advisor (if enrolled in 8 credit hours or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar's Office.

AUDIT/ CREDIT CHANGES

Students may change their status from audit to credit or credit to audit until the end of the sixth week of classes. Students desiring to change to or from audit after this deadline must follow the petition procedures described above.

Page 28
Change course description under University-Wide Course Numbers:
- 293-493 Internship (Variable Credits). The internship number is available to academic departments to provide an opportunity for supervised field-work that is specifically related to the student's major field of study. To enroll in 293-493, a student must also have a cumulative GPA of 2.00. No more than 12 credits earned in internship (293 and/or 493) can be used to meet department and/or University graduation requirements. Each internship must receive approval by the academic department whose course prefix is being used.

Page 29
Under Interdisciplinary Studies in the Humanities, change titles of courses from Nature of Man to Human Nature.

Page 31
Under AREA 1 listing change IH course titles from Nature of Man to Human Nature.

Page 34
Bachelor of Applied Science Degree (see August Addendum) add the following introductory paragraphs:

The School of Vocational-Technical Education, with the support of the School of Arts and Sciences, offers a bachelor of applied science degree with a major in the field of Vocational-Technical Education. The program known as an "upside down" program provides for the acquisition of the major first, then the student acquires the core and the electives. Permission into the bachelor of applied science degree program must be obtained from the School of Vocational Education.
Page 34

Associate of Arts Degree Program
This program will be terminated at the Idaho State Correctional Institution and will be offered to personnel at the Mountain Home Air Force Base.

Page 35

The MAJORS AND DEGREES OFFERED under the School of Business should be reviewed as follows:

All Departments
Master of Business Administration MBA
Master of Science Accounting MS

Accounting
Accounting BBA, BA, BS

Economics
Economics BBA, BA, BS
Economics, Soc. Sci., Sec. Educ. BA, BS
Real Estate BBA, BA, BS

Information, Decision Sciences & Finance
Information Sciences BBA, BA, BS
Finance BBA, BA, BS
Management, Quantitative BBA, BA, BS
Production Management BBA, BA, BS

Management
General Business BBA, BA, BS
Management BBA, BA, BS
Behavioral Analysis
Aviation
Industrial Relations

Marketing and Administrative Services
Business Education BBA, BA, BS
Basic Business
Distributive Education
Shorthand
Office Administration BBA, BA, BS
Marketing BBA, BA, BS
Mid-Management AS
Marketing
or Administrative Services*
Business Education BBA, BA, BS
Distributive Edu. Certification
Shorthand Certification
Marketing BBA, BA, BS
Marketing-Mid Management AS

*Curriculum changes for this degree have not been finally approved but are anticipated for implementation by Fall semester, 1983.

Page 36

Add following Vocational-Technical programs:
Under Light Technologies - Electronics: Semiconductor Technology - AAS
Under Mechanical Technologies - Agricultural Equipment Technology - Certif.

Page 43

Under Requirements for Chemistry Major change:
A. Chemistry .......................... 47 (from 44)

Add: Organic Qualitative Analysis C-440 .......................... 3

Under (Suggested Program) add to SENIOR Year, second semester:
Organic Qualitative Analysis C-440 .......................... 3

Change Degree Requirements or Electives .......................... 6 (from 9)

Page 44

Change C 319 to read:
C 319 Organic Chemistry Laboratory (1-3-2) (F). Basic organic laboratory techniques and simple organic syntheses. One three-hour laboratory and one hour of recitation per week. Concurrent enrollment in C 317 is required.

Change C 320 to read:
C 320 Organic Chemistry Laboratory (1-3-2) (S). More advanced organic laboratory techniques, syntheses, classical organic qualitative analysis and an introduction to spectroscopic methods. Three hours of laboratory and one hour of recitation per week. Prerequisite: C 319. Concurrent enrollment in C 318 is required.

Add new course:
C 440 (1-6-3) (S). Organic qualitative analysis with emphasis upon using spectroscopic methods and spectral interpretation. Two three-hour laboratories and one hour of lecture per week. Prerequisite: C 318 and C 320.

Page 65

ME 115, 315 Add course title "Opera Theatre."

Pages 79-92

The SCHOOL OF BUSINESS in the process of reorganization. A completely revised "Part 5" has been prepared by the School of Business including changes still pending approval. The following changes have been approved for implementation as of the date of this addendum.

Page 80

Following the 4th paragraph of the first column add a new section:

UPPER DIVISION ADMISSION
The School of Business requires admission to upper division standing by petition. This requires all students to meet certain criteria in order to be admitted to upper division standing and therefore allowed to continue in the School of Business at Boise State University.

MINIMUM CRITERIA FOR UPPER DIVISION ADMISSION
(1) Admission to Boise State University.
(2) Successful completion of these lower division core courses (or equivalent courses for transfer students): English E-101-102, Mathematics M-105-106, Economics EC-201-202, Accounting AC-205-206, Business Law GB-202, Information Science IS-210, Statistics DS-207, all with grades of C or better.
(3) Cumulative GPA of at least 2.4.
(4) Completion of at least 58 credit hours, including courses in progress the application semester.
(5) Selection of an authorized major.
(6) Application with transcript by the appropriate deadline (three months or more prior to beginning of Fall, Spring or Summer sessions).

Page 81

Change COURSE OFFERINGS, DP DATA PROCESSING to read as follows:

IS INFORMATION SCIENCE

LOWER DIVISION
IS 210 Introduction to Information Science (3-0-3) (FS). Overview of computer information systems. This survey course introduces computer hardware, software, procedures, and systems, and explores their integration and application in business and in society. The fundamentals of computer problem solving and programming in a high-level programming language are discussed and applied.

IS 220 Programming Techniques (3-0-3) (FS). Introduction to computer programming in a business environment. Emphasis on the fundamentals of structured program design, development, testing implementation, and documentation of business-oriented applications using BASIC. Discussion and application of top-down design strategies and structured programming techniques. Prerequisite: IS 210.

UPPER DIVISION
IS 360 Programming Systems - COBOL (3-0-3) (FS). Introduction to COBOL programming in a business environment. Emphasis on the further application of structured design, implementation, and documentation of business oriented application programs. Coverage of language syntax, data and file structures, report generation, input editing, table processing, and sequential file creation and access. Prerequisite: IS 220.
Page 98

Replace the section, **PSYCHOLOGY MINORS**, with the following:

**PSYCHOLOGY REQUIREMENTS FOR CERTIFICATION BY STATE DEPARTMENT OF EDUCATION**

<table>
<thead>
<tr>
<th>Psychology Minor</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-101 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-301 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-305 Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>P-351 Personality</td>
<td>3</td>
</tr>
<tr>
<td>Psychology upper-division electives</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>21</td>
</tr>
</tbody>
</table>

**Social Science Secondary Education Option Major**

| P-101 General Psychology | 3 |
| P-301 Abnormal Psychology | 3 |
| P-351 Personality | 3 |
| Psychology upper-division electives | 6 |
| | 15 |

*Note: Psychology is classified as a social science by the University, but not by the State Department of Education. You can apply psychology toward a baccalaureate degree in Social Sciences. (In this catalog, see the sections on Economics, History, Political Science, Anthropology, and Sociology.) If you do that, you may be certified to teach the subjects that are classified by the State as “social studies”; but you will not be certified to teach psychology unless you also meet the requirements of the Psychology Minor.*

Page 99

Change semesters offered for P 495 Senior Thesis from (F) to (FS).
Change semesters offered for P 501 to (F/S/SU).

Page 113

Add the following under ADMISSION AND APPLICATION PROCESS:
5. Submit a $5.00 Lab Fee, per academic year, payable to the program by September 1st of second year of the program.
6. After being notified of acceptance to the program and before May 10, submit $14.00 nonrefundable payment for student name pin and clinical insurance.

Change course description of MR 215 to read:
**MR 215 Clinical Practice** (O-V-2). After the completion of all other program requirements students spend 120 hours in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology.

Page 114

Under APPLICATION PROCESS, B. Sophomore Year change 2. and 3., to read:
2. Applicants are required to have an interview during the spring semester of the Freshman year. Contact the Program Director for specific details.
3. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

Under the statement "All students admitted to the Radiologic Technology Program are required to:"
2. Submit $65.00 as prepayment for student name pin, clinical insurance, radiation monitoring badges and markers. This nonrefundable cost is payable by May 10.
3. Submit a $300.00 Lab Fee, per academic year, payable to the program by September 1st of professional year.

Page 115

Under C, delete paragraph 2., starting, "Submit $14.00 . . .

Under APPLICATION PROCESS, B., change 2., and 3., and add 4. and 5.:
2. Applicants are required to have an interview during the spring semester of the preprofessional year. Contact the program director
for specific dates.

3. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

4. After being notified of acceptance to the program, submit $14.00 as prepayment for student name pin and clinical insurance. This non-refundable cost is payable by May 10.

5. A $7.00 Lab Fee, per academic year, is payable to the program by September 1 of each professional year.

Page 120, first column

Change last sentence of paragraph 1. under Application Process to read:

BSU application forms are available in the Administration Building, Rm. 101. ADN Program applications are available in the Science Nursing Building, Rm. 110.

Change last sentence of paragraph 2 under Application Process to read:

This evidence must be received by the Nursing Department Office prior to March 1 preceding the fall in which enrollment is planned.

Add following under "Following acceptance into the ADN program, all applicants must:"

4. Submit $20.00 non-refundable lab fee payable by August 30th of each academic year.

Page 120, second column

FULL-TIME NURSING STUDENT

First Year -

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Psychology P 101 2nd to 1st semester</td>
<td>3</td>
</tr>
<tr>
<td>For Basic Health Needs, N 140-141, 150-151, 160-161, 170-171 substitute:</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Nursing I &amp; II N100-102</td>
<td>6</td>
</tr>
<tr>
<td>English Composition E 101</td>
<td>3</td>
</tr>
<tr>
<td>Revised Totals</td>
<td>17</td>
</tr>
</tbody>
</table>

Second Year -

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change English Composition E 102 to 1st semester (delete 101)</td>
<td></td>
</tr>
<tr>
<td>For N 220-221, 230-231, 240-241, 250-251, 280-290 substitute:</td>
<td></td>
</tr>
<tr>
<td>Nursing Interventions I and II N 200-202</td>
<td>10</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Revised Totals</td>
<td>16</td>
</tr>
</tbody>
</table>

PART-TIME NURSING STUDENT

Second Year -

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>For N 140-141, 150-151, 160-161, 170-171 substitute:</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Nursing I &amp; II N 100-102</td>
<td>6</td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology SO 101</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Revised Totals</td>
<td>12</td>
</tr>
</tbody>
</table>

Third Year -

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>For N 220-221, 230-231, 240-241, 250-251, 280-290 and SO 101 substitute:</td>
<td></td>
</tr>
<tr>
<td>Nursing Interventions I &amp; II N 200-202</td>
<td>10</td>
</tr>
<tr>
<td>Revised Totals</td>
<td>9</td>
</tr>
</tbody>
</table>

Page 121, first column

Under Admission, Application and Enrollment, 2., change Microbiology B 205 from 4 Cr. to 3-4; change Nutrition H 207 from 3 Cr. to 2-3. NOTE: Transfer students with 3 to 4 credits of Microbiology and 2 to 3 credits Nutrition may be accepted.

Page 121, second column

Under "To apply for admission, the applicant must: change to read:

1. Request from the Admissions Office an application to the University (if not previously admitted) and request from the Department of Nursing a special application form for the Baccalaureate Nursing Program.

2a. Return completed BSU application to the Admissions Office and the special BSN application to the Department of Nursing. Under "To qualify for enrollment, the candidate must:" add:

5. Submit a $20.00 non-refundable laboratory fee payable to Boise State University to cover expendable items used for on-campus lab for the junior year.
Page 123

Delete as a prerequisite SO 340 from N 328 Family and Group Interactions, and from N 362 Health—Illness II.

Change semesters offered for N 408 and N 409 from (F) to (S).

Page 125

The asterisk remark following the Pre-Veterinary Medicine Suggested Program should be changed to read:

*To be taken as correspondence course through Washington State University.

Pages 134-142

Changes to the School of Education's MASTER OF ARTS OR SCIENCE IN EDUCATION section were included in the August 1982 Addendum with the exception of expanded options for Special Education and Reading. Those will not be included here in detail. A separate document (23 pages) has been prepared by the School of Education titled MASTER OF ARTS OR SCIENCE IN EDUCATION. It will serve as a convenient source of information for students and advisors pending the next full edition of the BSU Catalog.

Page 146

PRACTICAL NURSING 11 Month Program — add to list of subjects:* Special Theory PN 118 ..................... 1-10 Special Clinical PN 119 ..................... 1-10

Add to PN Practical Nursing Course Offerings:* PN 118 PN Special Theory (V-V-1 to 10). Designed to provide the opportunity for the student of a specific unit of theory. The topic offered will be selected on the basis of an evaluation of needs of the individual. Prerequisite: Permission of the Department Chairperson.

PN 110 PN Special Clinical (V-V-1 to 10). Designed to provide the opportunity for specific clinical experience. The clinical offered will be selected on the basis of an evaluation of needs of the individual. Prerequisite: Permission of the Department Chairperson.

*The Practical Nursing list of subjects and course offerings are included in the August 1982 Addendum to the Catalog.

Page 146

SURGICAL TECHNOLOGY, ST 131 Clinical Procedures title should be Clinical Practice. (Courses are listed in the August 1982 Addendum to the Catalog.

Page 150

add new program under the Department of Light Technologies preceding Course Offerings ET—Electronic Technology:

SEMIICONDUCTOR TECHNOLOGY

The successful completion of ET 131-132 or Math 111, or the equivalent is prerequisite for this major.

First Year

Course:                      First  Second
General Physics PH 101-102          4        4
College Chemistry C 131            3        —
Chemistry Lab C 132               1        —

Advanced Electronics Math ET 231-232  3        3
Communication skills ET 111-112     3        3
Intro. to Digital Electronics ET 161—        2
Intro. to Integrated Circuit Industry ET 181—        2
Intro. to Integrated Circuit Processing ET 182—        3
Integrated Circuit Processing I ET 183—        3
*Elective

Total 18 18

Second Year

Digital Electronics ET 271-272      3        3
Digital Systems Design ET 282      3        3
Solid State Device Physics        3        3
Integrated Circuit Layout ET 281   2        —
Electronics Theory I ET 151        5        —
Electronics Theory II ET 152       —        5
Circuit Analysis ET 171-172        3        3
Intro. to Solid State Physics      3        —
*Elective

Total 17 19

*The electives shall be selected from the areas of Business, Economics, and / or Human Relations.

Total number of credit hours: 72

Add to COURSE OFFERINGS ET—ELECTRONIC TECHNOLOGY the following:

ET 181 Introduction to Integrated Circuit Industry (2-0-2) (F). Overview of the integrated circuit: its history, applications, and manufacturing. Course will cover technical aspects lightly and will focus on economic and social impact. Prerequisite: ET 131-132, or M 111 or the equivalent.

ET-182 Introduction to Integrated Circuit Processing (2-0-2) (F). Examination of the manufacturing techniques and processes necessary to build an integrated circuit from raw materials to final products. The emphasis is on conceptual aspects of processing; however, mechanisms and modeling will be discussed. Prerequisite: ET 131-132 or M 111 or the equivalent.

ET 183 Integrated Circuit Processing I (2-0-2) (S). A descriptive treatment, in some chemical and mathematical detail, of the processes used to manufacture integrated circuits. Prerequisite: ET 181, ET 182.

ET 281 Integrated Circuit Layout (2-0-2) (S). Lecture and drafting techniques used in the design of integrated circuit photolithographic masks. Focus to be on N-MOS silicon gate memory devices. Prerequisite: ET 183.

ET 291 Introduction to Solid State Physics (3-0-3) (S). A study of the interaction of wave phenomena (electromagnetic radiation, lattice vibration, and electrons) with the lattice in a solid. Attention is focused on an understanding of the electrical and thermal properties of solids, metals and semiconductors, in particular. Other selected topics from solid state and low temperature physics. Prerequisite: PH 102 or PH 220-224.

ET 292 Solid State Device Physics (3-0-3) (S). Introduction to the theory underlying the operation of semiconductor devices. The emphasis is placed on qualitative understanding and simple quantitative models. Prerequisite: PH 291, ET 231 or M 204, C 131.

Page 153

Add to Course Offerings for HO Horticulture Service Technician:

HO 242 Related Science (2-0-2). Developing comprehension of the scientific principles utilized in: power equipment, lawn and shrub maintenance, and plant wounds, basic first aid.

HO 251 Horticulture Theory (0-7-5). Landscape maintenance. Plant identification and uses. Landscape design, turf management, and shade tree identification and installation.

HO 252 Horticulture Theory (0-7-5). Horticulture power machines and maintenance of tillers, mowers, shredders, construction design, nursery production, and garden center management.
**HO 262 Occupational Relations (2-0-2).** Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining and advancing in employment. One semester course.

**HO 271 Individual Projects (5-0-3).** Providing the opportunity for the subject to apply all his prior education in planning, developing, and completing a unique, practical horticulture project.

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**Page 154**

OFFICE OCCUPATIONS Options (following are changes to August Addendum)

Clerk - General Office - 2 semesters

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filing &amp; Records Management OF 112</td>
<td>1</td>
</tr>
</tbody>
</table>

(1 Cr 2nd Sem)

Secretary - 2 semesters (Replace with the following)

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>Business Math/Machines OF 118</td>
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<tr>
<td>Business Communications OF 110</td>
<td>5</td>
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<tr>
<td>Business Writing OF 120</td>
<td>5</td>
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<tr>
<td>Typing I, II, or III OF 102, 103, or 104</td>
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</tr>
<tr>
<td>Word Processing OF 114</td>
<td>3</td>
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<tr>
<td>Record Keeping OF 116</td>
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<tr>
<td>Filing &amp; Records Management OF 112</td>
<td>1</td>
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<tr>
<td>Shorthand: Beginning, Intermediate, or</td>
<td></td>
</tr>
<tr>
<td>Advance, OF 121, 122, or 123</td>
<td>4</td>
</tr>
<tr>
<td>Shorthand Lab, Beginning or Intermediate</td>
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</tr>
<tr>
<td>OF 115 or 117</td>
<td>18</td>
</tr>
</tbody>
</table>

---

**COURSE DESCRIPTIONS**

**OF — OFFICE OCCUPATIONS**

Change following to read:

**OF 115 Shorthand II Lab (0-2-1) (F/S).** Open lab to be used in conjunction with OF 122.

**OF 117 Beginning Shorthand Lab (0-2-1) (F).** Open lab to be used in conjunction with OF 121.

Add following courses:

**OF 121 Shorthand I (5-0-4) (F).** A beginning course in Gregg Shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Prerequisite: Demonstrated proficiency in typewriting or current enrollment in typewriting.

**OF 122 Shorthand II (5-0-4) (F/S).** Review of shorthand theory with emphasis on dictation and transcription to improve speed and accuracy. Prerequisite: OF 121 or advanced placement through proficiency exam.

**OF 123 Shorthand III (5-0-4) (F/S).** Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OF 122 or advanced placement through proficiency exam.

**OF 124 Consumer Education (3-0-3) (F).** A course that emphasizes knowledge in several business areas as well as encouraging personal development. This course includes units in consumer credit, consumer rights and responsibilities, buying goods and services, nutrition, proper budgeting and money management.
PREFACE

All users of the BSU Catalog, 1982-83 Edition, are advised that the following changes, corrections, and additions have been approved for implementation. Previous addendums dated August, 1982, and February, 1983 are replaced by this addendum. The next edition of the BSU Catalog is expected to be distributed in April, 1984.

The Board of Education has approved the following changes of BSU titles:

<table>
<thead>
<tr>
<th>OLD TITLE</th>
<th>NEW TITLE</th>
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</thead>
<tbody>
<tr>
<td>School of Arts &amp; Sci.</td>
<td>College of Arts &amp; Sci.</td>
</tr>
<tr>
<td>School of Business</td>
<td>College of Business</td>
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<tr>
<td>School of Education</td>
<td>College of Education</td>
</tr>
<tr>
<td>School of Health Sci.</td>
<td>College of Health Sci.</td>
</tr>
<tr>
<td>Graduate School</td>
<td>Graduate College</td>
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</table>

The title changes will be reflected in the next edition of the BSU Catalog.

The College of Business portion of this addendum is a complete revision of the catalog section replacing pages 79 through 92 of the catalog.

The Department of Health, Physical Education and Recreation section, pages 94-98, have been completely revised in this addendum.

Editorial plans for the future anticipate having the entire catalog on word processing with individual colleges and/or departments responsible for maintaining their portion of the catalog with accurate and current information. When a new edition is to be published, the individual files may be sent electronically to the editor for final editing and compilation and submission for typesetting and printing.
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
<th>Page</th>
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<tbody>
<tr>
<td>107</td>
<td>Graduate Programs in Education &amp; LS Courses</td>
<td>44</td>
</tr>
<tr>
<td>113</td>
<td>Medical Records Science</td>
<td>46</td>
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<tr>
<td>114</td>
<td>Radiography (Radiologic Technology)</td>
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<tr>
<td>115-116</td>
<td>Respiratory Therapy</td>
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<td>Health Science</td>
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<td>Preprofessional Studies</td>
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<td>126</td>
<td>Pre-Pharmacy</td>
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<tr>
<td>127</td>
<td>Programs, Areas of Emphasis</td>
<td>49</td>
</tr>
<tr>
<td>133</td>
<td>MBA Core</td>
<td>51</td>
</tr>
<tr>
<td>134</td>
<td>Course changes</td>
<td>51</td>
</tr>
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<td>134-137</td>
<td>Master of Arts/Sci in Education</td>
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</tr>
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<td>138</td>
<td>TE 582 (new course) - Art Emphasis</td>
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<td>Business Education Emphasis</td>
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<td>140</td>
<td>Earth Science Emphasis</td>
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<td>English Emphasis</td>
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<td>History Emphasis</td>
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<td>Mathematics Emphasis</td>
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<td>142</td>
<td>Music Emphasis</td>
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<td>146</td>
<td>DA, ST, PN changes</td>
<td>58</td>
</tr>
<tr>
<td>147</td>
<td>Machine Shop</td>
<td>58</td>
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<td>150</td>
<td>Semiconductor Technology (new)</td>
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<td>151</td>
<td>Automotive Mechanics</td>
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<td>Horticulture Service Technician</td>
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<td>153-154</td>
<td>Fashion Merchandising (deleted)</td>
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<td>154</td>
<td>Marketing-Mid-Management</td>
<td>58</td>
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</tbody>
</table>
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

CUMULATIVE ADDENDUM - PARTS 1, 2, 3

PAGE 5 - CALENDAR

The Boise State University Calendar, 1983-84 has been published separately. Copies may be obtained from the Admissions Office. Following are highlights only:

Summer Session, 1983
Registration June 3, 1983. Classes June 6 to August 12.

Fall Semester, 1983
New Student Early Registration June 16-18, 1983
Faculty on duty August 23, 1983
Open Registration August 26, 1983
Classes Aug. 29 through Dec 17, 1983
Advising-Pre-Registration Nov 7-11, 1983
Faculty on duty Jan 9, 1984
Open Registration Jan 11, 1984
Classes Jan 12 through May 12, 1984
Commencement May 13, 1984

Summer Session, 1984
Classes June 4 through August 10, 1984

PAGE 12 - IH TITLE

Under Interdisciplinary Studies in the Humanities change title of the "core" humanities course from "Humanities: a View of the Nature of Man" to "Humanities: a View of Human Nature."

PAGE 12 - WICHE

Change section on Western Interstate Commission for Higher Education (WICHE) to read:

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION (WICHE)

Regional Graduate Programs

Cumulative Addendum - Parts 1, 2, 3

Qualified Idaho students may attend graduate school at reduced tuition rates through the WICHE Regional Graduate Program. Graduate institutions in Alaska, Idaho, Montana, Oregon and Washington participate in the program to broaden educational opportunities for Idaho residents. Master's and doctoral programs are available in many fields, e.g., biology, foods, health professions, mining, engineering, urban studies.

To qualify, students must generally have been legal residents of Idaho for five calendar years immediately preceding matriculation into the graduate school, be certified by the appropriate state official, and apply to and be accepted by a cooperating graduate school.

State support and program participation are subject to change by legislative or administrative action.

For additional information, contact your advisor or WICHE Program
Ms. Linda Stailey
State Board of Education
650 West State Street
Boise, ID 83720
Telephone (208) 334-2270.

Professional Student Exchange Program

Idaho students who are accepted to cooperating professional schools of occupational therapy, physical therapy, and optometry, may qualify for reduced tuition rates under this program. For information, see Department of Preprofessional Studies, or contact:

WICHE Program
Ms. Linda Stailey
State Board of Education
650 West State Street
Boise, ID 83720
Telephone (208) 334-2270.

PAGE 15 - MEDICAL EXPENSE INSURANCE

Change section on Medical Expense Insurance to read:

Medical Expense Insurance

All full-time students are automatically included in the health insurance program when they pay the full-time registration fee.
Benefits become effective at 12:01 a.m. on August 28, 1983 or when tuition is paid, whichever is later, and continue until 12:01 a.m. on the first day of the second semester for those students who enroll in the plan the first semester. Benefits become effective on the first day of the second semester registration or when tuition is paid, whichever is later, and continue until 12:01 a.m. August 29, 1984 for the second semester enrollees. Protection is in effect during all vacation periods. Each full-time student is covered 24 hours a day during the policy period at home, school, or while traveling.

Students who are covered by a family or other plan may obtain a refund through application to the insurance agent for Boise State University. The university carries liability insurance coverage on all on-campus and official functions including student activities.

PAGE 19 - TUITION AND FEES

<table>
<thead>
<tr>
<th></th>
<th>Idaho</th>
<th>Non-Resident</th>
<th>Foreign</th>
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<tbody>
<tr>
<td>Tuition (per semester)</td>
<td>$ 0.00</td>
<td>$950.00</td>
<td>$1000.00</td>
</tr>
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<td>Institutional fees (Undergrad)</td>
<td>405.00</td>
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<td>405.00</td>
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<td>Total (UNDERGRADUATE)</td>
<td>405.00</td>
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<td>1405.00</td>
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<td>Total (GRADUATE)</td>
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**Payment of full-fees does not necessarily constitute full-time enrollment. Please see page 25 for credit hour requirements.

Other Fees:
- Part-time(Undergrad) ................. $48.50 per Sem Hr
- Part-time(Graduate) ................. $61.00 per Sem Hr
- Summer(Undergrad) ................. $49.50 per Sem Hr
- Summer (Graduate) ................. $62.00 per Sem Hr
- Application Processing Fee(Non-refundable) .... $10.00
- Late Registration Fee ................. $50.00
  (To apply when petition is required to register)
- Per credit hour cost over 19 credits

PAGE 20 - MUSIC WAIVERS CHANGE

Column 1, first full paragraph, change "8 credit hours" to read "12 credit hours." Delete the last sentence in this paragraph, "Unsatisfactory grades at...entire semester."

PAGE 21 - FINANCIAL AID ELIGIBILITY

Replace section on Financial Aid and Academic Probation with the following:

HOW DOES ACADEMIC PROBATION AFFECT FINANCIAL AID ELIGIBILITY?

Financial Aid Policies require that students who are on any kind of academic probation (on the Registrar's Probation, Continued Probation, or Dismissal Lists) automatically lose eligibility for financial aid. Financial aid eligibility can be reinstated only when the student is no longer on academic probation. REINSTATEMENT BY A DEAN FOR ENROLLMENT PURPOSES DOES NOT CONSTITUTE REINSTATEMENT FOR FINANCIAL AID.

Exception: Students on academic probation who earned at least 12 credits with a 2.5 GPA during the most recent semester at Boise State University.

TRANSFER STUDENTS applying for financial aid must request that an evaluation of transfer credits be made at the time of application. If a Transfer Student is admitted "on probation" he/she will not be eligible for financial aid.

FINANCIAL AID APPEALS: The Financial Aids Appeals Committee will consider written appeals from students who feel there are extenuating circumstances surrounding their academic probation. Students will be notified in writing of the disposition of their appeal.

PAGE 22 - BOARD & ROOM CHARGES

BOARD AND ROOM CHARGES*

Meal Options:
A. 7 day/19 meals (breakfast, lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday.)
B. 7 day/14 meals (lunch, dinner, Monday through Friday; brunch, dinner, Saturday and Sunday.)
C. 5 day/10 meals (lunch, dinner, Monday through Friday.)

1983-84 Prices
Meal Options

<table>
<thead>
<tr>
<th>Residence Rooms</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double:</td>
<td>$2205</td>
<td>$2175</td>
<td>$2115</td>
</tr>
<tr>
<td>Single:</td>
<td>2545</td>
<td>2515</td>
<td>2455</td>
</tr>
<tr>
<td>Large Single:</td>
<td>2785</td>
<td>2755</td>
<td>2695</td>
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</tbody>
</table>

Rental Rates Per Month (1983-84 prices)

University Courts:
- Small One Bedroom: $134.00
- Large One Bedroom: $176.00
- Two Bedroom: $206.00
- Three Bedroom: $236.00

University Heights:
- One Bedroom: $206.00
- Two Bedroom: $240.00

University Manor:
- One Bedroom: $206.00
- Two Bedroom: $240.00

*The above prices are subject to change

PAGE 26 - COURSE CHANGES (ADD, DROP, AUDIT/CREDIT)

Change last 3 sections to read as follows:

**ADDING A COURSE**

Students may add a course(s) during open registration without the written consent of the professor. A "Change in Registration" form must be secured, signed by the advisor for students enrolling in 8 credit hours or more, and a "class card" obtained from the appropriate departmental office. Detailed procedural information and instructions are printed each semester in the Class Schedule.

Students who wish to add courses after the open registration period ends must obtain an "appeal for Change in Registration" form from the Registrar's Office. This form must be signed by each professor, advisor (if enrolled in 8 credits or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar's Office.

**DROPPING A COURSE**

Students may drop a course(s) during open registration without the consent of the professor. A "Change in Record and Registration" form must be secured and signed by the advisor for students enrolled in 8 credit hours or more. Courses dropped within this period will not be recorded on the student's transcript.

From the end of the open registration period until the end of the sixth week of classes, students must secure the consent and signature of the professor and advisor (if enrolled for 8 credit hours or more.) Courses dropped within this period will be recorded with a grade of "W."

All appeals or petitions for an emergency or medical withdrawal from course(s) will be made through the Dean of Student Special Services.

Students appealing to drop course(s) after the end of the sixth week without emergency or medical reasons must obtain an "Appeal for Change in Registration" form from the Registrar's Office. This form must be signed by each professor, advisor (if enrolled in 8 credit hours or more), each appropriate Department Chairman and Academic Dean. The approved petition form must be filed with the Registrar's Office.
AUDIT/CREDIT CHANGES

Students may change their status from audit to credit or credit to audit until the end of the sixth week of classes. Students desiring to change to or from audit after this deadline must follow the petition procedures described above.

PAGE 27 - WITHDRAWAL

Change Withdrawal Policies to read:

COMPLETE WITHDRAWAL FROM THE UNIVERSITY

Students who wish to withdraw from all courses and leave the University in "Good Standing" must initiate an official request with the Dean of Student Special Services. Vocational-Technical students must clear with the Vocational Counselor prior to reporting to the Student Special Services Office. Students who are physically unable to come in because of hardship or health reasons should telephone or write to the Dean of Student Special Services and request a PETITION FOR A COMPLETE WITHDRAWAL. The petition must be completed, signed and returned by the student requesting the withdrawal before the student's academic records can be legally closed for that semester.

The withdrawal process should be initiated prior to the end of the sixth week of classes for all grades to be recorded as "W" (Withdrawal - no credit or quality points earned). Refunds of registration fees are only pro-rated over the first four weeks of a semester. It is not necessary to request a withdrawal from the University after a semester has been successfully completed or between semesters. Students who remain enrolled in a course(s) after the deadline and fail to complete course requirements will be awarded a final grade of "F".

Right of Appeal: Students have a right of appeal to the Dean of Student Special Services for an exception to the requirements of an academic regulation for an emergency or medical reason, hardship, unusual or extenuating circumstances that can be verified. Prior to approving a student record change, the Dean of Student Special Services will investigate and confirm the extenuating circumstances.

FACULTY INITIATED WITHDRAWAL

Although the primary responsibility for withdrawing from individual courses rests with the student, the professor may have a student dropped from the course for one or more of the following reasons:

1. Failure to attend class.
2. Failure to meet course entrance requirements.
   a. The student has not passed a prerequisite for the course.
   b. The student has not passed and is not enrolled in a corequisite.
   c. The student registers for the course on either a credit or an audit basis, but attends only briefly, if at all.
   d. The student is registered for another class with conflicting meeting times.

   c. PROCEDURE: Within 1 week after the permanent roll sheets are sent out, the instructor sends to the Vice President for Student Affairs a list indicating names and student numbers of all students in question, the course and section numbers, and the nature of each student's problem. The instructor must sign the list. The Vice President notifies each student of the impending action, requesting the student to meet with the instructor within 2 weeks. After that 2 week period is over, the instructor sends an amended version of the original list to the Vice President to indicate which students from the original list should be withdrawn. The department chairman must sign this document. The Vice President forwards the list to the Registrar's Office for processing.

3. APPEALS: The Vice President strives for accommodation between the student and the instructor, but the final decision is with the department chairman. Students who disagree with the decision of the department chairman may appeal to the Academic Grievance Board.

PAGE 27 - PROBATION-DISQUALIFICATION

Change section titled "Academic Probation and Disqualification Policy" to read:

ACADEMIC PROBATION AND DISMISSAL POLICY
A student whose academic work falls below the level indicated in the table below is placed on academic probation. A student who continues on academic probation at the end of the next semester of attendance, is subject to dismissal from the University, unless the student's GPA for the most recent semester of enrollment was 2.00 or higher. Notification of dismissal is by letter (to most recent mailing address) sent within two weeks of the close of a semester.

### Reinstatement

a. A student dismissed from the University, may be reinstated by submitting and receiving favorable action upon a petition to the academic dean of the college from which the student was dismissed. This is the only route to reinstatement and applies even to the student who has attended another institution since being dismissed from BSU. Readmission to a college may be accompanied by academic performance requirements which are more stringent than those of the University. Failure to meet conditions specified for continuation as a major in a particular college may prohibit a student from future enrollment in that college even though the University minimum academic requirements are satisfied.

b. Normally, a student is reinstated on probationary status. If, however, the student's GPA meets the minimum requirement, the dean may elect to admit the student in good standing.

### Restrictions

A student on probation is ineligible to participate in University-sponsored extracurricular activities. (See Eligibility for Extracurricular Activities section of the BSU Student Handbook).

### Change course descriptions under University-Wide Course Numbers as follows:

**293-493 INTERNSHIP (Variable Credits)**. The internship number is available to academic departments to provide an opportunity for supervised field-work that is specifically related to the student's major field of study. To enroll in 293-493, a student must also have a cumulative GPA of 2.00. No more than 12 credits earned in internship (293 and/or 493) can be used to meet department and/or University graduation requirements. Each internship must receive approval by the academic department whose course prefix is being used.
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

PAGE 29 - HP IH CHANGES, CANADIAN STUDIES MINOR (PENDING)

Under INTERDISCIPLINARY COURSES:

Following HP 294 Honors Colloquium, add following paragraph:

With approval of the University Curriculum Committee, Honors courses excluding summer readings, may be applicable to core. No more than two honors courses may be from one area.

Change title of course IH 112 from "A View of the Nature of Man" to, "A View of Human Nature."

Following IH 112 add the following paragraph:

Special Topics courses in IH (Interdisciplinary Studies in the Humanities may be approved by the University Curriculum Committee to meet Area I core requirements.

PENDING APPROVAL OF THE STATE BOARD OF EDUCATION  
Anticipated August, 1983
Add the following new program:

CANADIAN STUDIES MINOR

The Canadian Studies Minor, consisting of eighteen credit hours, of which six are required, is designed to compliment any university major. The program is interdisciplinary in its approach and at the same time permits students to pursue their interest areas in Canadian Studies. Students in business, health, education, and the liberal arts are encouraged to pursue the program. Upon successful completion of the eighteen hours of credit the student will receive a certificate of completion and this will be so noted on the transcript.

COURSE OFFERINGS

CN CANADIAN STUDIES  
Lower Division

CN 101 CANADA: LAND AND PEOPLE (3-0-3)(F-Alternate uneven years.) Introductory, interdisciplinary survey, presenting the themes of geography, physical resources, history, political system and Indian Eskimo culture. Faculty from participating departments will span two centuries of Canadian growth, development and attainment of national identity. Open to all students. Required of CN Minors.

PAGE 31 - IH TITLE

Under AREA 1 listing change IH course titles from "A View of the Nature of Man" to "A View of Human Nature."

PAGE 34 - BACHELOR OF APPLIED SCIENCE (NEW DEGREE)

Add the following new degree after Bachelor of Music:

BACHELOR OF APPLIED SCIENCE DEGREE

The School of Vocational-Technical Education, with the support of the College of Arts and Sciences offers a Bachelor of Applied Science degree with a major in the field of Vocational-Technical Education.

The program known as an "upside down" program provides for the acquisition of the major first, then the student acquires the core and the electives.

Cumulative Addendum - Parts 1,2,3
Permission into the Bachelor of Applied Science degree program must be obtained from the School of Vocational Education.

### Minimum Requirements

**Vocational-Technical Education Major**

| 1. Child Care | 5. Industrial Electronics |
| 3. Drafting | 7. Other appropriate 2yr programs |
| 4. Horticulture |

**General University Requirements**

| English Composition | 64 |
| Art | 12 |
| Humanities | Theatre Arts |
| Literature | Foreign Language |
| Music | 12 |
| Area I (must have three fields) | 12 |
| Area II (must have three fields) | 12 |
| Area III (must have two fields) | 12 |

Additional nine credits from Areas II & III.

Electives to total sixty-four (64) credits.

*Must have a C grade in each Core Curriculum course and an overall GPA of 2.0.

**PAGE 34 - AA CHANGE**

**Associate of Arts Degree Program**

This program will be terminated at the Idaho State Correctional Institution and will be offered to personnel at the Mountain Home Air Force Base.

**PAGE 35 - DEGREES & MAJORS OFFERED**

Change listing of MAJORS AND DEGREES OFFERED to read as follows:

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BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

### DEGREE TYPE CODES

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
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### MAJORS AND DEGREES OFFERED

- **Art, General** BA, BFA
- **Art, Secondary Education** BA, BFA
- **Advertising Design** BA, BFA
- **Pre-Architectural Program**
- **Chemistry** BA
- **Chemistry, Secondary Education** BA
- **Communication** BA
  - Interpersonal Communication
  - Mass Communication
  - Journalism Communication
- **Combination, Comm. & English** BA
  - Journalism Communication
- **English** BA
  - English, Secondary Education

Cumulative Addendum - Parts 1, 2, 3
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Cumulative Addendum - Parts 1, 2, 3
## BSU Catalog 1982-83 Cumulative Addendum

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| Dental Assisting                    | CC     |
| Surgical Technology                 | CC     |
| Practical Nursing                   | CC     |

| Air Conditioning, Refrig, Heating   | CC     |
| Mechanical Plant Maintenance        | CC     |
| Machine Shop                        | AAS    |
| Electrical Lineman                  | CC     |
| Welding, 11 Month                   | CC     |

| Electronics-Mech Service Tech       | AAS    |
| Consumer Electronics                |        |
| Electronics-Semi-Conductor Tech     | AAS    |
| Business Machine Technology         | AAS    |
| Pre-Technical Sequence              |        |
| Drafting Technology                 | AAS    |
| Electronics Technology              | AAS    |
| Wastewater Technology               | CC     |

| Auto Body                           | CC     |
| Automotive Mechanics                | CC     |
| Heavy Duty Mechanics-Diesel         | CC     |
| Parts Counterman                    | CC     |
| Small Engine Repair                 | CC     |
| Agricultural Equipment Technician   | CC     |

| Child Care Studies: Day Care Asst   | CC     |
| Child Care Studies: Teacher-Supervisor | AAS |
| Food Service Technology             | CC     |
| Horticulture Service Technician     | AAS    |
| Marketing Mid-Management            | AS     |
| Office Occupations                  | CC     |
PAGE 39 - PRE-ARCHITECTURAL PROGRAM

PRE-ARCHITECTURAL PROGRAM


PAGE 40 - ART COURSES

AR Courses - Add the following:

AR 252 HISTORY OF PHOTOGRAPHY (3-0-3)(S). This course is designed to provide a basic understanding of both the technical and visual history of photography. Through slide-presentations, important photographers of the 19th and 20th centuries will be discussed in terms of their role in the development of photography as an art form.

AR 255 ARCHITECTURAL GRAPHIC COMMUNICATION (1-4-3)(F). Study of architectural presentation techniques, including rendering, shades and shadows, model building, use of color. Also study of basic orthographic projection, including planes, elevations and sections. Advisable to take AR 105 and AR 106 and AR 255 before enrolling in AR 256 Basic Architectural Design.

AR 256 BASIC ARCHITECTURAL DESIGN (1-4-3)(S). Introduction to the process of architectural design. Combines basic architectural projects with presentation techniques learned in AR 255 Architectural Graphic Communication. Advisable to take AR 105, AR 106, and AR 255 before enrolling in AR 256 Basic Architectural Design.


AR 346 PHOTOGRAPHY: ZONE SYSTEM (2-4-3)(F). This course deals with the important relationship that exists between the negative and the print in photography. This course will provide systematic accounting of the numerous variables of personal equipment, procedures, films, developers, enlarging papers, and style. Technique as the clarifier of idea will be stressed. PREREQ: AR 251 or PERM/INST.

PAGE 42 - BIOLOGY COURSES

Under B BIOLOGY Course Offerings make the following changes:

B 205 MICROBIOLOGY Change PREREQ to: C 107 and Z 111-112 (or its equivalent) or PERM/INST.

Delete B 225 CELL BIOLOGY.

Add: B 301 CELL BIOLOGY (3-0-3)(FS). Structure and function in prokaryotic and eukaryotic cells, cellular energetics and metabolism, mitochondria and chloroplasts, cell and organelle genetics, chromosomal aberrations, and medical applications of Cell biology. One year of college Biology and prior or concurrent enrollment in Organic Chemistry are required.

B 343 GENETICS--LECTURE change PREREQ to:
B 301 or PERM/INST.

B 401 ORGANIC EVOLUTION, Change PREREQ to:
B 301 or PERM/INST.

B 420 IMMUNOLOGY change semester offered to (S).

BT 311 PLANT MORPHOLOGY change PREREQ to: BT 130 or PERM/INST.

Z 305 ENTOMOLOGY (2-6-4) (F). Biology of insects with emphasis on identification and life cycles for students who have completed one year of college level biology. Laboratory includes field trips to collect and identify local species, insect collection required. Students must meet with instructor the spring or summer before enrolling. PREREQ: PERM/INST.

Z 351 VERTEBRATE EMBRYOLOGY, Change PREREQ to: Z 130 or PERM/INST.

Z 400 VERTEBRATE HISTOLOGY, Change PREREQ to: Z 130 or PERM/INST.
Z 409 GENERAL AND COMPARATIVE PHYSIOLOGY, CHANGE PREREQ to: C 317 and Z 130 or PERM/INST.

PAGE 43 - CHEMISTRY REQUIREMENTS

Under requirements for Chemistry Major:
Change: A. Chemistry ........................................47(from 44)
Add: Organic Qualitative Analysis C-440..................3

Under (Suggested Program) SENIOR Year, second semester:
Change: Degree Requirements or Electives ...............6(from 9)

PAGE 44 - CHEMISTRY COURSES

Change C 319 to read:
C 319 Organic Chemistry Laboratory (1-3-2)(F). Basic organic laboratory techniques and simple organic syntheses. One three-hour laboratory and one hour of recitation per week. Concurrent enrollment in C 317 is required.

Change C 320 to read:
C 320 Organic Chemistry Laboratory (1-3-2)(S). More advanced organic laboratory techniques, syntheses, classical organic qualitative analysis and an introduction to spectroscopic methods. Three hours of laboratory and one hour of recitation per week. PREREQ: C 317.

Add new course:
C 440 Organic Qualitative Analysis (1-6-3)(S). Organic qualitative analysis with emphasis upon using spectroscopic methods and spectral interpretation. Two three-hour laboratories and one hour of lecture per week. PREREQ: C 318 and C 320.

PAGES 47-48 - ENGLISH PROGRAMS

Change 3. General Option to read as follows:
1. General Option without specific area of emphasis

COLLEGE OF ARTS AND SCIENCES, PART 4
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

History of English Language, LI 309 .......... 3
Modern English Structure, LI 405 ........ 3
Applied Linguistics in Teaching, ESL .......... 3
ESL Internship, E 493 .......... 3
Senior Seminar, E 498 .......... 2

b. Area Requirements:
Old-Mid Eng Lit (i.e., E 340) or
foreign lang ......................................... 3
Electives in literature lower or upper
division ..................................................... 15
British Lit ................................................... 15
One year of a Foreign Language ................. 6-8
A 2nd yr of foreign lang or 1 yr of 2nd
foreign lang .............................................. 6-8
Cultural Anthropology, AN 102 (Area II core) .... 3

5. General Option, World Literature Emphasis
a. Specific courses:
Far Eastern Literature, E 215 ...................... 3
Western World Lit, E 230,235 ...................... 6
19th & 20th Cent Continental Lit, E 356,358 ........ 6
Medieval Epics & Romance, E 341 .................. 3
Shakespeare, E 345 or 346 ........................ 3
Folklore, E 390 ........................................... 3
History of Literary Criticism, E 393 ............... 3
Senior Seminar, E 498 ............................... 2

b. Area Requirements:
LD Lit--E 211,213,217,240,260,271 or 272 .... 6
English Lit courses from E 340-369 .................. 6
Upper Div electives in Lit or Linguistics .......... 9
World Drama, TA 341,342,343, or 445 ....... 3
History, other than US or British ................. 6

6. General Option, Writing Emphasis
a. Specific courses:
Advanced Expository Comp, E 201 ......... 3
Technical Writing, E 202 .......................... 3
Advanced Writing, E 401 .......................... 3
Writing Internship, E 493 ........................ 3
Senior Seminar, E 498 ............................. 2

b. Area Requirements:
Creative Writing, E 205,206,305, or 306 .......... 6
Linguistics, E 305,307,309, or 405 ............... 6
Lower division Lit. electives, not to
exceed 15 credits total
for completed option/.3-9/

British Lit courses numbered from E 340-369 .. 15
UD Electives in Lit or Linguistics ................. 3-9
Electives CM 471,473,474, HY 210, P 341 or
PY 247 .................................................. 9

PAGES 50-53 - DELETE FOREIGN LANGUAGE DEPARTMENT

DEPARTMENT OF FOREIGN LANGUAGES & LITERATURES

Foreign Language Majors, Bachelor of Arts Degrees have been dis-
continued. For teaching options with a minor endorsement, and
specific courses to be offered, contact the Department of Teacher
Education and Library Science.

PAGE 58 - MATHEMATICS CHANGES

Change applied Mathematics sequence (1.2.41v.) from M 321-322-421
to M 421-456.

MATHEMATICS MAJOR

Change the paragraph in mid-page which starts, "and a 400 level
course (or 3 or more credits)..." to read:

and a 400 level course (numbered below M 490) in addi-
tion to those in the sequence selected. M 406 or M
431-432, which may be used in specific area require-
ments, are also allowed in satisfying the overall
requirements of 27 upper division hours in Mathematics.
No more than 4 credits of the combined total of credits
earned for courses numbered M 490 through M 499 can be
used toward the 27 credits of upper division Mathe-
matics requirement.

MATHEMATICS COURSES

Add the following prerequisite statement to M 200, M 100, M
103-104, M 105-106, M 108, M 109, M 111, M 122, M 204:

PREREQ: Satisfactory score on placement exam.

Change M 100 A Cultural Approach to Mathematics to read:

M 100 Mathematics for Liberal Arts Students (4-0-4)(Area III). Designed for liberal arts students. Emphasis is on the nature of
mathematical knowledge, its meaning, methodology, and use. Gen-
erally topics will be selected from the elementary materials in

COLLEGE OF ARTS AND SCIENCES, PART 4 12
set theory, logic, number theory, algebra, geometry, probability, statistics, graph theory. PREREQ: A year of high school mathematics or PERM/INST.

PAGE 60 - NEW MATHEMATICS COURSES

MATHEMATICS COURSES

Add the following additional courses:

M 126 Introduction to Computer Science (4-0-4)(S). A course in the fundamentals of computing for students planning to become computer professionals. Emphasis will be placed on typical machine architecture, introduction to the concepts of machine and assembly language, number systems, data representation, algorithms, elementary symbolic logic, structured programming, applications and social impact of computers. PREREQ: M 122 or M 124 or PERM/INST.

M 320 VECTOR CALCULUS (2-0-2)(S). Vector valued functions of one or several variables, line and surface integrals, Green's Theorem, Stokes' Theorem, the Divergence Theorem. PREREQ: M 206 or M 212.

M 321-322 ADVANCED ENGINEERING MATHEMATICS - delete these courses.

M 331 DIFFERENTIAL EQUATIONS (3-0-3). Theory of ordinary differential equations with applications to physical sciences and engineering. PREREQ: M 206 or M 212.

M 356 DISCRETE MATHEMATICAL STRUCTURES (3-0-3)(F-even numbered years). The study of fundamental logical, algebraic, and combinatorial concepts from mathematics useful in abstracting ideas in other disciplines. Special emphasis will be placed on applications to computer science. Topics are: The nature of formal systems, logical deduction, sets, relations, graphs and directed graphs, trees, binary operations, groups, and combinatorics with emphasis on enumerations. PREREQ: M 206 or M 212 or PERM/INST.

M 464 MATHEMATICAL MODELING (3-0-3)(S). Introduction to mathematical modeling through case studies. Deterministic and probabilistic models: optimization. Examples will be drawn from the physical, biological, and social sciences. PREREQ: M 361 and M 122 or PERM/INST.

PAGE 62 - MUSIC/BUSINESS OPTION

Change "II BACHELOR OF ARTS PROGRAM REQUIREMENTS" to read:

II. Bachelor of Arts Program Requirements

1. General Music Major Option

a. General University and Basic Core Requirements for the Bachelor of Arts Degree.

b. Minimum Music Requirements (same as in present catalogue statement above, B).

2. Music/Business Option

a. General University and Basic Core Requirements for the Bachelor of Arts Degree to include the following:

1) Area II: CM 111 Fundamentals of Speech Communication .................................................. 3

2) Area III: At least one course in Mathematics selected from the following:
M 100 Cultural Approach to Math, or .................................. 4
M 105, 106 Math for Business Decisions .......... 4-8

3) Minimum Music Requirements (45)
MA 010 Concert Class (each semester) ............ 0
MC---Performance Studies .................................. 8
ME---Ensemble .............................................. 4
MU 119-120 Materials of Music I-II .............. 8
MU 341, 342, 343, 344 History & Lit of Music .......... 10
Senior Project (An Independent Study terminal project under faculty supervision with the approval of the Music Department Chairman) 3
Music Electives (upper division) .................. 10

4) Business courses (a maximum of 33 credits in Business courses is allowed in this option). (24-33)

5) Required Courses
GB 101 Introduction to Business .................. 3
MM 101 Salesmanship* .................................. 3
MM 105 Elements of Management* .................. 3
MM 203 Principles of Advertising ................. 3
AC 205 Introduction to Financial Accounting .... 3
AC 206 Introduction to Managerial Accounting .... 3
GB 202 Business Law .................................. 3
IS 210 Introduction to Information Sciences ...... 3
6) Additional courses-electives (up to 9 credits may be chosen from the following):

- EC 201 Principles of Economics-Macro 3
- EC 202 Principles of Economics-Micro 3
- AS 309 Records Preparation and Management* 3
- AS 317 Office Management* 3
- MK 307 Consumer Behavior* 3

*To enroll in these courses special arrangements are necessary with the chairman of the Department of Marketing and Administrative Services.

PAGE 65 - MUSIC COURSES

ME 115, 315 Add course title "OPERA THEATRE."

Add the following new MU courses:

- MU 331 AMERICAN MUSICAL THEATRE (3-0-3)(F). An historical overview will be presented along with a look behind-the-scenes work necessary in the presentation of musical theatre productions. Includes an in-depth look at all the responsibilities of the entire production crew, from production staff to stage crews, and from make-up crews to cast.

- MU 332 MUSICAL THEATRE PRODUCTIONS (0-10-3)(S). Specific apprenticeships in the operations of actual musical theatre productions will be given to gain experience in the practical application of knowledge learned in MU 331. Graded pass/fail. May be repeated two times for credit. PREREQ: MU 331, PERM/INST.

PAGE 67 - CONSTRUCTION MANAGEMENT PROGRAM

CONSTRUCTION MANAGEMENT Bachelor of Science Degree, Change to the following:

CONSTRUCTION MANAGEMENT CURRICULUM
Bachelor of Science

The intent of this program is to provide training in Mathematics, Science, Engineering and Business, so the construction manager can coordinate and relate intelligently to owners, craftsmen, architects and other professionals involved in construction projects.

FRESHMAN

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COLLEGE OF ARTS AND SCIENCES, PART 4

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<td>Calculus and Analytical Geometry M 204</td>
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SOPHOMORE

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<td>Intro to Financial Accountin AC 205</td>
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<td>Construction Blue Print Commun CO 235</td>
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<td>Contracts and Specifications CO 246</td>
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<td>Materials &amp; Methods of Architecture AR 290</td>
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JUNIOR

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<tr>
<td>Mechanics of Materials EN 306</td>
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<td>Labor Law MG 330</td>
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<tr>
<td>Mechanical Installations CO 351</td>
<td>3</td>
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<tr>
<td>Principles of Economics-Macro EC 201</td>
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<td>Principles of Economics-Micro EC 202</td>
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<tr>
<td>Technical Writing E 202</td>
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<tr>
<td>Cost Accounting AC 351</td>
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<tr>
<td>Cost Estimating and Bidding CO 370</td>
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<tr>
<td>Soil Mechanics and Foundation Constr CO 330</td>
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<tr>
<td>Principles of Finance FI 303</td>
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<tr>
<td>Electrical Installations CO 352</td>
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SENIOR

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<td>Construction Operations &amp; Improvements CO 374</td>
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<td>Concrete &amp; Formwork Construction CO 410</td>
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<td>Fundamentals of Speech Commun CM 111</td>
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<td>Labor Relations MG 340</td>
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<td>Project Scheduling &amp; Control CO 417</td>
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<td>Human Resource Management MG 401</td>
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<tr>
<td>Electives</td>
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</table>

1. All majors must complete at least 57 credits and have a cumulative grade point average of 2.40 or better before being admitted to any upper division (number 300 and above) business or construction management classes.
2. All construction management classes will be taking several field trips during the semester to be scheduled Monday afternoons.

3. No more than 33 credits may be taken from the College of Business.

PAGE 68 - CONSTRUCTION MANAGEMENT COURSES

Change the following CO CONSTRUCTION MANAGEMENT Course Offerings:

CO 235 CONSTRUCTION BLUE PRINT COMMUNICATIONS (3-0-2)(F). The transmission and interpretation of blueprint communications covering different types of drawings, including their organization and format. Emphasizing three-dimensional visualization to make practical applications and determine quantities of work. Learn how to interpret quickly and visualize what is being presented by the drawings. Monday field trips required. PREREQ: EN 108.

CO 240 INTRODUCTION TO THE MANAGEMENT OF CONSTRUCTION (3-0-3)(S). Introduction to construction terminology, industry and management. Includes the planning, staffing, directing and controlling functions with emphasis on organizations and the schools of management. A survey of the basic trades, methods, quantity take-off calculations, estimating, and scheduling. Monday field trips required. PREREQ: M 111 and EN 108.

CO 246 CONTRACTS AND SPECIFICATIONS (3-0-3)(S). Contracts, contract documents and specifications for construction including legal as well as technical implications, claims, change orders and contract administration, emphasizing Owner-Engineer/Architect-Contractor functions and related problems. Monday field trips required. PREREQ: GB 202.


CO 330 SOIL MECHANICS AND FOUNDATION CONSTRUCTION (3-0-3)(S). Fundamentals of soil mechanics as they relate to foundation and earthwork construction problems: interaction of water and soil, compaction, bearing capacity, lateral pressures, drainage and waterproofing, spread footings, retaining walls, pile foundations, and special foundation construction problems. PREREQ: M 204 or PERM/INST.

CO 351 MECHANICAL INSTALLATIONS (3-0-3)(F). The fundamentals of mechanical installations and associated construction problems including heat loss and gain, heating, ventilating and air conditioning, fluid flow in pipes and ditches as well as water supply, sewage, and fire protection installations. Monday field trips required. PREREQ: PH 102 and EN 205.

CO 352 ELECTRICAL AND ACOUSTICAL INSTALLATIONS (3-0-3)(S). The fundamentals of electrical and acoustical installations and associated construction problems including electrical circuits, conduits, conductors, switch gear; other service equipment and electrical transmission. Also included will be lighting and acoustical installations and associated construction problems. Monday field trips required. PREREQ: PH 102 and EN 205.


CO 374 CONSTRUCTION OPERATIONS AND IMPROVEMENTS (3-0-3)(F). Contractor organization, project supervision and motivation, labor, materials, equipment, safety, time and motion studies, time lapse photography, methods improvements, crew balance, and flow and process charts. Monday field trips required. PREREQ: GB 207, MG 330 and CO 320.


PAGE 68 - EN COURSES

Change following EN courses:

EN 101 delete this course and substitute:

EN 107 ENGINEERING FUNDAMENTALS AND COMPUTER PROGRAMMING (3-0-3)(FS). An introduction to engineering including subdivisions and organization of the professions, methods of analysis, computations, and vectors all of which include the use of computer programming. PREREQ: M 111.

EN 108, change title only to ENGINEERING GRAPHICS

EN 225 - deleted (see PH 225 below.)
Add the following course:

PH 225 INTERMEDIATE APPLIED PROGRAMMING (2-0-2)(S). An intermediate course stressing the algorithmic techniques of problem solving using the computer. Stress will be on language and programming topics useful in the solution of science and engineering problems. Concentration will be on FORTRAN, but other programming languages will also be used. PREREQ: EN 104 or EN 107. Credit cannot be obtained from both PH 225 and M 225.

PAGE 71 - PHILOSOPHY MAJOR (NEW PROGRAM)

PHILOSOPHY MAJOR
Bachelor of Arts Degree

The program requirements for a philosophy major and in addition to the necessary requirements to obtain a bachelor of arts degree from Boise State, include 45 hours of philosophy credit, 30 of which are specifically required courses and 15 of which are electives from other various courses in philosophy. The required courses are listed below:

PY 101, Introduction to Philosophy
PY 121, Introduction to Logic
PY 221, Metaphysics
PY 231, Epistemology
PY 249, Ancient Philosophy
PY 251, Medieval Philosophy
PY 321, The British Empiricists
PY 331, The Rationalists
PY 351, Contemporary Philosophy
PY 211, Ethics

PAGE 72 - PHILOSOPHY COURSES

Add the following new courses:

PY 261 AESTHETICS (3-0-3)(F). This course is directed toward such questions as "What is Art?" "What criteria does one employ to determine good art from bad art?" Aesthetics is ultimately concerned with the nature of beauty. PREREQ: PY 101.

PY 321 THE BRITISH EMPIRICISTS (3-0-3)(S). This course covers one of the two basic schools of modern philosophy which focuses upon the theories of perception. Selected works of Locke, Berkeley, and Hume are examined. PREREQ: PY 101.

PY 331 THE RATIONALISTS (3-0-3)(S). This course covers the second basic school of modern philosophy which focuses upon reason as the unique element of knowledge. Selected works from Descartes, Leibniz, and Kant are examined. PREREQ: PY 101.

PY 351 CONTEMPORARY ANALYTIC PHILOSOPHY (3-0-3)(S). This course examines the methods of logical positivism, presented through the works of Russell, Wittgenstein, and Ayer. It also relates the alternatives to positivism as expressed through the later works of Wittgenstein. Also to be examined are selected papers of Moore and Russell. PREREQ: PY 101.

PAGE 73 - SW 480 CHANGE

Under Social Work courses change SW 480 as follows:

SW 480 FIELD WORK I (0-16-5). Sixteen hours per week, student practices with supervision of professionally trained and experienced social worker. Juniors must apply for admission to field work prior to their second semester. PREREQ: SW 380, SW 385, PERM/INST, contingent on GPA 2.5 cumulative and 3.0 in Social Work courses.

PAGE 74 - CJA PROGRAM CHANGE

Under Criminal Justice Administration Core Courses add after Introduction to Financial Accounting...3:

OR

Introduction to Information Sciences IS 210 ................. 3
SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration (BBA) degree is available by completing all requirements for that degree as described on page 33 and listed on the following pages under the appropriate major. Additionally, College of Business students may qualify, at their option, for the BA or BS degree by completing the additional Liberal Arts or Science course requirements for those degrees (See pgs 32-33 for BA or BS requirements.) Faculty advisors should be consulted about these additional requirements.

Transfer of Credits. In general, the College of Business limits transfer of credits for business courses which apply to business degree requirements only to such courses as it offers at the same level. In other words, a lower division transfer course cannot be accepted to satisfy an upper division requirement of the College of Business. Department Heads may authorize validation of such lower division courses by certain techniques such as CLEP, departmental competency examinations, and/or special permission to enroll in higher level classes for which the course in question is a prerequisite. See the Department Head for details.

Specialized Programs. A special curriculum leading to a two year Associate Degree in Marketing/Mid-Management is available. Within resource limitations, other specialized curricula for skill areas are offered. Most credits earned in these curricula may later be applied toward the Bachelor degree. Students should understand that not all courses taken in these special areas are applicable to all Bachelor degrees. Therefore, graduation may require more than 128 credits.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU College of Business faculty members. Academic credit along with financial compensation is possible.

UPPER DIVISION ADMISSION

The College of Business requires admission to upper division standing by petition. This requires all students to meet certain criteria in order to be admitted to upper division standing and therefore allowed to continue in the College of Business at Boise State University.
MINIMUM CRITERIA FOR UPPER DIVISION ADMISSION

1. Admission to Boise State University


3. Cumulative GPA of at least 2.4.

4. Completion of at least 58 credit hours, including courses in progress the application semester.

5. Selection of an authorized major.

6. Application with transcript by the appropriate deadline (three months or more prior to beginning of Fall, Spring or Summer sessions.)

BACHELOR DEGREE PROGRAMS

NOTE: The student will find under each major the particular course of study to follow. Where the term "General Electives" or "Area I, II, or III" appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements: See page 33 for BBA requirements, and pages 32, 33 for BA or BS requirements.

All College of Business Baccalaureate degree candidates are required to complete the courses required for Upper Division admission before enrolling in Upper Division courses in the College of Business.

All students are cautioned that Upper Division standing is a prerequisite for enrollment in 300 and 400 level courses and that several of the Lower Division courses listed above are specific prerequisites for certain Upper Division Courses in the College of Business.

College of Business Baccalaureate candidates are required to complete the following Upper Division courses prior to GB-450, Business Policies, which is also a required core course:

- Applied Business Communication AS 328
- Principles of Management MG 301
- Principles of Marketing MK 301

DEPARTMENT OF ACCOUNTING

Business Building, Rm. 214 Phone (208) 385-3461

Chairman and Associate Professor: Dr. Gordon Pirrong; Professor: Merz; Associate Professors: Gingras, Medlin, Nix; Assistant Professor: Millier; Special Lecturers: Boyll, Ellis, Ruby, Sellers, Stephenson

MAJORS IN ACCOUNTING

ACCOUNTING PROGRAM

Bachelor of Business Administration Degree

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<td>Principles of Economics EC 201-202</td>
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<td>Intro to Data Processing IS 210</td>
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<td>Statistical Techniques I DS 207</td>
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<td>Cost Accounting AC 351</td>
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<td>Managerial Accounting AC 352</td>
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COLLEGE OF BUSINESS, PART 5 (Complete)
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

<table>
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Total 15

**SENIOR YEAR:**

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<td><strong>Principles of Income Taxation AC 401</strong></td>
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<td><strong>Auditing AC 405</strong></td>
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Total 15

In addition to general University requirements, the following courses are required for an Accounting major:

**Business Courses:** MK-301, GB-202-302, 450; FI-303, EC-303; AS-328; MG-3 MG 301, 304, 401; DS-345.

**Accounting Courses:**


**Core Courses:**

The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC-205, 206, 206, E-101, 102, DS-207, IS-210, plus M-106 or M-204.

NOTE: Students planning to sit for the uniform CPA examination are strongly advised to include AC-402, 482 and 1S-220 in their program.

**COURSE OFFERINGS**

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**LOWER DIVISION**

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<td><strong>AC-205 INTRODUCTION TO FINANCIAL ACCOUNTING (3-0-3)</strong></td>
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<td><strong>AC-206 INTRODUCTION TO MANAGERIAL ACCOUNTING (3-0-3)</strong></td>
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**UPPER DIVISION**

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In addition to general University requirements, the following courses are required for an Accounting major:

**Core Courses:**

The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC-205, 206, 206, E-101, 102, DS-207, IS-210, plus M-106 or M-204.

**NOTE:** Students planning to sit for the uniform CPA examination are strongly advised to include AC-402, 482 and 1S-220 in their program.
### AC-420 Systems Analysis and Design (3-0-3)
Concepts and techniques of design of information systems. Topics include systems theory, data collection, classification, transmission and display, on-line systems and time sharing. Credit may not be earned for both IS-420 and AC 420. Offered when possible. **Prerequisite:** AC-306.

### AC-440/440G Accounting Theory (3-0-3)(F)
A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination and the measurement process in accounting. May be taken for graduate credit. **Prerequisite:** AC-306.

### AC-450 Data Processing for the Accountant (3-0-3)
A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer is used as the problem solving tool. Offered when possible. **Prerequisite:** AC-405.

### AC-460 Advanced Accounting I (3-0-3)(F/S)
Topics covered in the course include: Governmental and non-profit accounting, interim reports, segment reporting, corporate liquidations, estates and trusts, and franchises and consignments. **Prerequisite:** AC-306.

### AC-470 Advanced Accounting II (3-0-3)(F/S)
Study of partnership organization; business combinations and consolidated financial statements; international accounting standards. **Prerequisite:** AC-460. First offering of this course will be in Fall semester 1985.

### AC-482 CPA Problems (6-0-6)(S)
In depth consideration of the more complex accounting principles and procedures taught on the undergraduate level. Designed to assist the student in preparing for the certified public accountant examination. **Prerequisites:** AC-405, AC-460. **Perm/Inst.**

---

### Department of Economics

Business Building, Room 311 Phone 208-385-3351

Chairman and Professor: Dr. Richard D. Payne; Professors: Asmus, Billings, Lamborn; Associate Professors: Drayer, Lichtenstein, Reynolds; Assistant Professors: Dalton, Skoro.

**Majors in Economics, Real Estate**

<table>
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<th>ECONOMICS MAJOR</th>
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<tr>
<td>Intermediate Microeconomics EC 303</td>
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<td>Intermediate Macroeconomics EC 305</td>
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<td>Econometrics EC 421, 422</td>
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<td><strong>Totals</strong></td>
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*See page 32-33 for clarification of fields in BA degree.

**Electives should be chosen mainly from Upper Division courses.**
Bachelor of Business Administration Degree

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|                         |      |      |
| SOPHOMORE YEAR:         |      |      |
| Principles of Economics EC 201-202 | 3    | 3    |
| Science (Area II)       | 4    | --   |
| Intro to Financial Accounting AC 205 | 3    | --   |
| Intro to Managerial Accounting AC 206 | --  | 3    |
| Business Law I GB 202   | 3    | --   |
| Statistical Techniques I, II DS 207-208 | --  | 3    |
| Non-Business Electives (Area I, II, III) | --  | 3    |
| Intro to Data Processing IS 210 | --  | --   |
| Totals                  | 16   | 15   |

|                         |      |      |
| JUNIOR YEAR:            |      |      |
| Intermediate Microeconomics EC 303 | 3    | --   |
| Intermediate Macroeconomics EC 305 | --  | 3    |
| Principles of Management MG 301 | 3    | --   |
| Principles of Finance FI 303 | --  | 3    |
| Principles of Marketing MK 301 | 3    | --   |
| *Non-Business Electives (Area I, II, III) | --  | 3    |
| Principles of Production Management DS 345 | --  | 3    |
| Economics Electives     | 3    | 6    |
| Applied Business Communcations AS 328 | --  | 3    |
| Totals                  | 18   | 15   |

|                         |      |      |
| SENIOR YEAR:            |      |      |
| Econometrics EC 421-422 | 3    | 3    |
| Economics Electives     | 3    | 3    |
| Human Resource Management MG 401 | 3    | --   |
| Business Policies GB 450 | --  | 3    |
| Non-Business Electives (Area I, II, III) | 3    | 3    |
| Electives               | 4    | 4    |
| Total                   | 16   | 16   |

*Must include hours in at least 2 of 3 definitive areas as listed on page 32,33 of the Catalog.

ECONOMICS--SOCIAL SCIENCE

SECONDARY EDUCATION OPTION

Each academic department in the Social Sciences (History; Political Science; Sociology, Anthropology & Criminal Justice; and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose 2 minor areas from the remaining Social Sciences and complete 15 credits in each. For teaching endorsements as a Secondary School teacher, an additional 5 credits must be earned in one or more of the minor areas (see page 105 of the Catalog.)

DEGREE REQUIREMENTS

ECONOMICS MAJOR ENDORSEMENT (30 of 30-15-15)

1. General University and Basic Core Requirements as listed on pages 31 of the catalog.

2. Two approved teaching minors (15 hours each) from:
   a. History
   b. Political Science
   c. Anthropology
   d. Sociology
   e. Geography

3. Economics Courses --30 hours
   Required Courses EC 201, 202, 303, 305 -- 12 hours
   Other Economics Courses -- 18 hours

4. Sufficient electives to complete a total of 128 credit hours of which must be Upper Division.

ECONOMICS MINOR ENDORSEMENT (15 of 30-15-15)

Required Courses EC 201,202,303,305 .......... 12
Upper Division Economics Courses .......... 3
Total 15

ECONOMICS MINOR ENDORSEMENT (General)
(For Secondary Education majors NOT participating in the 30-15-15 program)
Required Courses EC 201,202,303,305 .......... 12
Upper Division Economics Courses .......... 9
Total 21
### BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

#### REAL ESTATE MAJOR

**Bachelor of Business Administration Degree**

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<td>Fundamentals of Real Estate RE 201</td>
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| **SOPHOMORE YEAR:** |         |         |
| Science elective    | 4       | --      |
| Intro to Financial Accounting AC 205 | 3   | 3       |
| Intro to Managerial Accounting AC 206 | --  | --      |
| Principles of Economics EC 201-202 | 3   | 3       |
| Intro to Data Processing IS 210 | --     | 3       |
| Law of Real Estate RE 220 | --     | 3       |
| Statistical Techniques IS 207 | 3   | --      |
| General Electives (Areas I,II,III) | 3   | 4       |
| **TOTALS**           | 16      | 16      |

|                      | 1       |         |
| **JUNIOR YEAR:**    |         |         |
| Intermediate Microeconomics EC 303 | 3   | --      |
| Regional Economics EC 321 | --     | 3       |
| Principles of Marketing MK 301 | 3   | --      |
| Principles of Management MG 301 | 3   | --      |
| Principles of Finance Fi 303 | 3     | --      |
| Real Estate Finance RE 360 | --     | 3       |
| Appraisal of Real Estate RE 331 | --     | 3       |
| Business Ethics and Social Responsibility GB 360 | -- | 3       |
| General Electives | 3       | --      |
| General Electives | --      | 4       |
| Applied Business Communications AS 328 | 3   | --      |
| **TOTALS**           | 18      | 16      |

|                      | 1       |         |
| **SENIOR YEAR:**    |         |         |
| Human Resource Management MG 401 | 3   | --      |
| Principles of Production Management DS 345 | 3   | --      |
| Real Estate Investment and Taxation RE 340 | 3   | --      |
| Business Policies GB 450 | --     | 3       |
| *Major Elective*    | --      | 6       |
| General Electives (Area I,II,III) | 3   | 3       |
| *General Electives* | 3       | --      |
| **TOTALS**           | 15      | 15      |

*Real Estate Electives: Real Estate Development, RE 370; Appraisal Income Property, RE 431; Principles of Income Tax, AC 401; Brokerage Management RE 450; Property Management RE 350; Money and Banking EC 301.

### COURSE OFFERINGS

#### EC ECONOMICS

<table>
<thead>
<tr>
<th>LOWER DIVISION</th>
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<tbody>
<tr>
<td><strong>EC 201</strong> PRINCIPLES OF ECONOMICS-MACRO (3-0-3) (Area II). Economic principles are used to analyze the aggregate performance of developed economies. Analysis is applied to domestic and international macroeconomic issues. The goals and problems of high employment, price stability, growth and the balance of payments are analyzed. Monetary, fiscal and other national policies are discussed.</td>
</tr>
<tr>
<td><strong>EC 202</strong> PRINCIPLES OF ECONOMICS-MICRO (3-0-3) (Area II). An introduction to microeconomic analysis covering supply and demand, the basic market structures, the operation of the price system, and the distribution of income. Provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development.</td>
</tr>
<tr>
<td><strong>EC 210</strong> CONTEMPORARY ECONOMIC PROBLEMS (3-0-3) (F/S). A one semester introduction to economics centered around selected contemporary economic problems. Principles are introduced to help analyze problems and point out alternative solutions. (Not allowed as part of the economics major requirements. Not allowed for credit to those students who have taken EC 201 and EC 202.)</td>
</tr>
<tr>
<td><strong>PREREQ:</strong> none.</td>
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#### UPPER DIVISION

| **EC 301** MONEY AND BANKING (3-0-3). Analysis of the role of money, credit and the financial system in the U.S. economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. **PREREQ:** EC 201, EC 202. |
| **EC 303** INTERMEDIATE MICROECONOMICS (3-0-3). An analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. Topics include consumer choice and demand, theories of production and cost, and the economic performance of various market structures. The usefulness of price theory in the analysis of social problems and managerial decisions is stressed. **PREREQ:** EC 202. |
| **EC 305** INTERMEDIATE MACROECONOMICS (3-0-3). Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic... |

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**Colleges of Business, Part 5 (Complete)**
COLLEGE OF BUSINESS, PART 5 (Complete)

EC 310 PUBLIC FINANCE (3-0-3)(S). A study of the role and impact of government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxing, and indebtedness will be examined. The effects of government activity on allocation of resources and distribution of income. Attention will be paid to state and local problems. PREREQ: EC 201, 202, or PERM/INST.

EC 311 HISTORY OF ECONOMIC THOUGHT (3-0-3)(F). Study of the origin and development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. PREREQ: EC 201-202.

EC 315 COMPARATIVE ECONOMIC SYSTEMS. (3-0-3)(S). A comparative study of the goals and methods of various economic systems such as capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. PREREQ: EC 201 or PERM/INST.


EC 321 REGIONAL ECONOMICS (3-0-3)(F). Application of economic analysis to regional problems of structure, growth and policy. Location theory, various growth models, and specific techniques such as input-output analysis, base multipliers and cost benefit analysis are developed. PREREQ: EC 201-202.

EC 322 URBAN ECONOMICS (3-0-3)(S). Focus on the structure of the urban areas, locational patterns, housing, crime, pollution, poverty, financial and transportation problems. Tools of economic analysis will be used to analyze the problems and existing and proposed policies. PREREQ: EC 201, 202 or PERM/INST.

EC 325 RADICAL ECONOMICS (3-0-3)(F). Analysis of radical political-economic thought and its applications to the study of socio-economic problems. Topics include Marxian socialist economic theory, libertarianism, anarchist theory, evolutionary economic theory, and other radical models. Issues such as imperialism, economic and social inequality and alienation will be considered. PREREQ: Upper division or PERM/INST.

EC 327 LABOR ECONOMICS (3-0-3)(F). Characteristics and structure of the U.S. labor force are examined and labor markets are analyzed to emphasize the micro- and macroeconomic factors affecting workplace decisions. Development of the U.S. industrial relations system is reviewed along with public policies and these are contrasted with those of other western industrialized societies. PREREQ: EC 201-202. Alternate years.

EC 333 NATURAL RESOURCE ECONOMICS (3-0-3). The theoretical and policy issues associated with the use of natural resources are addressed, including property rights issues which arise when considering collective goods, externalities and common property resources. Tools used in the design and evaluation of resource policy, such as benefit/cost analysis, are covered. PREREQ: EC 202.

EC 336 BUSINESS FLUCTUATIONS AND ECONOMIC STABILIZATION (3-0-3). Application and extension of macroeconomic theory to the study of economic instability. Theories of economic fluctuations and their measurement. Goals, objectives and tools of stabilization policy including techniques of macroeconomic forecasting and modeling. PREREQ: EC 305. Alternate years.

EC 417 (HY 417) U.S. ECONOMIC HISTORY (3-0-3)(S). Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. PREREQ: EC 201, 202 or PERM/INST.

EC 421-422, 421G-422G ECONOMETRICS (3-0-3). Application of mathematical statistics to the study of economic activity. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. PREREQ: M 106 or equivalent and PERM/INST. EC 421G-Fall; EC 422G-Spring. (EC 421 is PREREQ for EC 422.)

RE REAL ESTATE

LOWER DIVISION

EC 201 FUNDAMENTALS OF REAL ESTATE (3-0-3)(F/S). Essentials of real estate practice, listings, sales, financing, land descriptions, investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. This course meets the current minimum 45 hour classroom education requirement of the State of Idaho to take the RE sales examination.

EC 220 LAW OF REAL ESTATE (3-0-3)(F/S). Designed to review the laws establishing and governing basic rights of ownership and use of real estate. The concepts of the modern real estate transaction, the real estate brokerage business, and the various legal relationships involved are discussed. PREREQ: GB 202 and RE 201.

UPPER DIVISION
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

RE 331 APPRAISAL OF REAL ESTATE (3-0-3) (FS). Modern real estate appraising concepts and the technical skills employed in their application to residential property. PREREQ: RE 201.

RE 340 REAL ESTATE INVESTMENT AND TAXATION (3-0-3) (FS). Real Estate from the investor (owner's) point of view with special attention to the tax aspects including Risk and Return Analysis, Property Leverage. Discounted Cash Flow, Tax Consequence of Sales, Exchanging, Multiple Exchanges, and Computerized Investment Analysis. PREREQ: RE 201, 220 and FI 303.

RE 350 REAL ESTATE PROPERTY MANAGEMENT (3-0-3) (FS). This course explores role of property manager including: market analysis, management plans, marketing, leases, landlord-tenant relations, maintenance, energy conservation, and operating reports for commercial, residential, industrial and special purpose properties. PREREQ: RE 201, 220.

RE 360 REAL ESTATE FINANCE (3-0-3) (FS). Financial analysis and examination of the intricacies of the real estate mortgage markets, source of mortgage funds, federal government and mortgage markets, lending decisions, management of loan portfolios, leasing, construction financing, creative financing, and financing of specific types of real property. PREREQ: RE 201 and FI 303.

RE 370 REAL ESTATE DEVELOPMENT (3-0-3) (FS). The traditional development process, including market analysis, feasibility study, land acquisition, zoning, layout and design, design review, financing, construction, occupancy, and sale. In addition, the course concerns itself with the many factors of the planning process and the developer obligation and concerns for problems.

RE 431 APPRAISAL OF INCOME PROPERTIES (3-0-3) (FS). Following a review of the steps leading to the estimation of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Direct capitalization, the residual techniques, and capitalization roles are analyzed. PREREQ: RE 201, 331.

RE 450 REAL ESTATE BROKERAGE MANAGEMENT (3-0-3) (FS). Office administration, hiring and personnel management, brokerage sales and promotion, commission structure, ethical behavior and social responsibility, creative financing, professional organizations, and agency relationships. PREREQ: RE 220.

Business Bldg. Room B-308 .................. Phone (208) 385-1181

Chairman and Associate Professor: Dr. Emerson C. Maxon;
Professor: Brender; Associate Professors: Gallup, Gardner, Gill, Groebner, LaCava; Assistant Professors: Woollam, Capell; Lecturers: Curtis, Havens, Snodgrass, Wojtkowski.

Majors in:
FINANCE
INFORMATION SCIENCE
QUANTITATIVE MANAGEMENT
PRODUCTION MANAGEMENT

FINANCE MAJOR

Bachelor of Business Administration Degree

FRESHMAN YEAR

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SOPHOMORE YEAR

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<td>Principles of Economics EC 201-202</td>
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<td>Intro to Information Sciences IS 210</td>
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<td>Statistical Techniques I, II DS 207, 208</td>
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JUNIOR YEAR

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DEPARTMENT OF INFORMATION, DECISION SCIENCES & FINANCE

COLLEGE OF BUSINESS, PART 5 (Complete)
SENIOR YEAR:

- Management of Financial Institutions FI 417 3
- Senior Seminar in Finance FI 498 -
- Investment Management FI 450 3
- Human Resource Management MG 401 3
- Financial Management FI 326 -
- Business Ethics & Social Responsibility GB 360 3
- Business Policies GB 450 -
- *Major Electives:........................................ 3
- General Electives........................................ 3
- Electives (Area I, II, III)............................... 3

**Total:** 15 15

*Finance Electives: Intermediate and/or Managerial and Cost Accounting AC 304, 306, 351, 352; International Economics EC 317; Real Estate Finance RE 360; Senior Seminar in Finance FI 498 -- one required, second recommended; Public Finance EC 310.

INFORMATION SCIENCES MAJOR

Bachelor of Business Administration Degree

**FRESHMAN YEAR**

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**Bachelor of Business Administration Degree**

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### QUANTITATIVE MANAGEMENT MAJOR

Bachelor of Business Administration Degree

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### COURSE OFFERINGS

#### DS DECISION SCIENCES

##### Lower Division

**DS 207 STATISTICAL TECHNIQUES FOR DECISION MAKING I (3-0-3) (FS)**
- Designed to provide an understanding and working knowledge of the concepts and techniques pertaining to basic descriptive and inferential statistics. Business applications of such statistical concepts as the Poisson and normal distributions, interval estimates, and hypothesis testing are covered. PREREQ: M 106 or equivalent. (Was GB 207)

**DS 208 STATISTICAL TECHNIQUES FOR DECISION MAKING II (3-0-3) (FS)**
- Statistical methods beyond DS 207. The course concentrates on using these procedures in a business decision making environment. Topics covered include simple and multiple regression analysis and Bayesian decision theory. Whenever applicable, computer software programs are used to assist in the learning process. PREREQ: DS 207, IS 210. (Was GB 228)

##### UPPER DIVISION

**DS 345 PRINCIPLES OF PRODUCTION MANAGEMENT (3-0-3) (FS)**
- Management of the production function. Analysis, design, planning and control of production processes. Plant location, design and layout, scheduling, time and motion studies, quality control, material acquisition, and systems theory. Quantitative techniques are considered. PREREQ: Upper Division standing, DS 207 and MG 301. (Was MG 345)
DS-366 QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS (3-0-3)(F).
Study of quantitative tools traditionally referred to as operations research techniques. Emphasis is on the illustration of the functional use of the techniques and how they assist the decision maker. Topics typically covered include linear programming and critical path analysis. PREREQ: DS 207, MG 301, DS 345.

DS 408-408G OPERATIONS MANAGEMENT (3-0-3)(S). Quantitative tools needed in the operations and production management fields for effective decision making. The nature of the interactions between the operations manager and the other business systems will be developed. Typical topics include: process design, facilities layout and location, and aggregate planning. PREREQ: DS 208, MG 301.

DS 409-409G OPERATIONS DECISIONS AND CONTROLS (3-0-3)(S). Decisions analysis tools such as probability assessment, utility theory, probability models, uncertainty models, and Bayesian statistical inference. Emphasis will be on presenting the tools in actual business applications. PREREQ: DS 208, MG 301.

FI FINANCE

LOWER DIVISION

FI 108 PERSONAL FINANCE (3-0-3)(F/S). Course addresses the growing complexity of financial decision making faced by the individual. How to avoid financial entanglements; installment buying; borrowing money; owning or renting a home; budgeting and money management; savings and investment alternatives; life, health, accident, and auto insurance; personal income taxes and estate planning.

FI 211 PRINCIPLES OF INSURANCE (3-0-3)(F/S). Fundamental legal principles involved in insurance contracts, company practices in relation to insurance management are stressed as is the field of regulation on both the theoretical and practical applications. All areas of insurance are covered including life, casualty, liability and medical.

FI 250 INTRODUCTION TO SECURITIES AND SECURITIES MARKETS (3-0-3)(F/S). Topics include operation of the securities markets in the US: sources of investment information; brokerage firms operation; mechanics of direct investing; basic security analysis; commodities and futures markets; put and call options. PREREQ: AC 205 or PERM/INST.

UPPER DIVISION

FI 303 PRINCIPLES OF FINANCE (3-0-3)(FS). Concepts and techniques of major areas of corporate, institutional, and investment finance, and their interrelationships. Overview of monetary policy by federal reserve, study of US financial system, financial decision-making problems focusing on internal allocation of funds, financing asset needs and securities. PREREQ: AC 205, AC 206, EC 201, 202, and M 106.

FI 325 FINANCIAL MANAGEMENT I (3-0-3)(FS). Study and theoretical analysis of the internal allocation of resources within the business firm and governmental agencies, including working capital management and policy, capital budgeting and investment analysis, risk analysis, financial planning and control. Instructional methods include the analysis of financial cases and financial modeling. PREREQ: FI 303, and DS 208.

FI 326 FINANCIAL MANAGEMENT II (3-0-3)(S). Critical analysis of different sources of funds, dividend policies, and capital markets. Special topics include refunding debt, social responsibilities of the financial manager, problems of the multinational firm and analysis of mergers and acquisitions. Cases and readings are used to complement text. PREREQ: FI 325.

FI 417-417G MANAGEMENT OF FINANCIAL INSTITUTIONS (3-0-3)(F). Decision processes in the management of financial institutions. Institutions include banks, thrifts, insurance companies, investment firms, mortgage banking firms, finance companies and organizations involved in international finance. PREREQ: FI 303, EC 301.

FI 450-450G INVESTMENT MANAGEMENT (3-0-3)(S). Strategies of investing in stocks, bonds, commodities, and stock options. Topics include risk-return relationships of various investments; efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model. PREREQ: FI 250, DS 208, and FI 303.

FI 498-499 SENIOR SEMINAR IN FINANCE (3-0-3). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance students and a particular expertise of the instructor.

IS INFORMATION SCIENCES

LOWER DIVISION

IS 210 INTRODUCTION TO INFORMATION SCIENCE (3-0-3)(FS). An overview of computer information systems. This survey course introduces computer hardware, software, procedures, and systems, and explores their integration and application in business and in other segments of society. The fundamentals of computer problem (LlOA 48-210)
DEPARTMENT OF MANAGEMENT

Business Building, Room 313 Phone (208) 385-1313
Chairman and Professor: Dr. Stewart R. Tubbs; Professors: Phillips, Roderick, White, Wilterding; Associate Professors: Bigelow, Doss, Gien, Munson, Shin, Waldorf; Assistant Professors: Bixby, Hall, Heaton, Kettlow.

Majors in:
GENERAL BUSINESS MANAGEMENT(Options in Aviation, Behavioral, and Industrial Relations.)

GENERAL BUSINESS MAJOR

Bachelor of Business Administration Degree

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| Intro Financial and Managerial Acct. AC 205-206 | 3 3 |
| Statistical Techniques I,II DS 207,208 | 3 3 |
| Intro to Data Processing IS 210 | 3 3 |
| Business Law I GB 202 | 3 3 |
| General Electives (Area I,II,III) | 7 7 |
| Totals | 16 15 |

| JUNIOR YEAR: |         |
| Principles of Marketing MK 301 | 3 - |
| Principles of Management MG 301 | 3 - |
| Intermediate Microeconomics EC 303 | 3 - |
| Principles of Finance FI 301 | 3 - |
| Intermediate Macroeconomics EC 305 | 3 - |
| Financial Management I FI 325 | 3 - |

COLLEGE OF BUSINESS, PART 5 (Complete)
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

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| Intro Financial & Managerial Acct. AC 205-206 | 3 | 3 |
| Introduction to Data Processing IS 210 | - | - |
| Business Law I GB 202 | 3 | 3 |
| General Electives (Area I,II,III) | 3 | 4 |
| Introduction to Aeronautics AV 101 | 3 | - |
| **TOTALS:** | 15 | 16 |

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| Principles of Marketing MK 301 | 3 | 3 |
| Principles of Management MG 301 | 3 | 3 |
| Intermediate Microeconomics EC 303 | 3 | 3 |
| Principles of Finance FI 303 | 3 | 3 |
| Intermediate Macroeconomics EC 305 | 3 | - |
| Principles of Transportation GB 329 | - | 3 |
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| Intro Financial & Managerial Acct. AC 205-206 | 3 | 3 |
| Introduction to Data Processing IS 210 | - | - |
| Business Law I GB 202 | 3 | 3 |
| General Electives (Area I,II,III) | 3 | 4 |
| Technical Writing E 202 | 3 | - |
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| JUNIOR YEAR: | 3 | 3 |
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| Principles of Management MG 301 | 3 | 3 |
| Intermediate Microeconomics EC 303 | 3 | 3 |
| Principles of Finance FI 303 | 3 | 3 |
| Intermediate Macroeconomics EC 305 | 3 | 3 |
| Personnel Administration MG 305 | 3 | 3 |
| **TOTALS:** | 15 | 16 |

COLLEGE OF BUSINESS, PART 5 (Complete)
Principles of Production Management DS 345 .......... 3 
Business Ethics and Social Responsibility GB 360 .. 3 
Applied Business Communications AS 328 ........... 3 
General Electives ........................................ 7

Totals 18 16

SENIOR YEAR:
Compensation Management MG 406 .................. 3 
Financial Management FI 325 ....................... 3 
Government and Business GB 441 .................. 3 
Industrial Sociology SO 361 ....................... 3 
Human Resource Management MG 401 .......... 3 
Organization Theory MG 405 ....................... 3 
Business Policies GB 450 ............................. 3 
General Electives ........................................ 6

Totals 15 16

MANAGEMENT MAJOR

INDUSTRIAL RELATIONS OPTION
Bachelor of Business Administration Degree

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GLOBAL OF BUSINESS, PART 5 (Complete)
AV 351 AIRLINE AND AIR CARGO MANAGEMENT (3-0-3)(F/S). The functions of management in airline operations. Air carrier familiarization, effect of federal regulations, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management.

AV 371 AVIATION LAW (3-0-3)(F/S). An overview of fundamental aviation laws. A chronological coverage of air law, federal and state regulatory functions, liens and security interest in aircraft is emphasized.

AV 450 COLLOQUIUM IN GENERAL AVIATION (3-0-3)(S). Selected readings and topics on current problems in general aviation. Contact with representatives working in general aviation is advocated. Included in the course is consideration of general aviation equipment, the use of general aviation aircraft as a business tool. The operation and management of fixed base operations. PREREQ: Senior aviation major or PERM/INST.

GB GENERAL BUSINESS

Lower Division

GB 101 INTRODUCTION TO BUSINESS (3-0-3). Designed to acquaint the student with the many phases of business. An introduction to the business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

Upper Division

GB 302 BUSINESS LAW II (3-0-3)(F/S). Study of the Uniform Commercial Code with emphasis on sales, bulk transfers, documents of title, commercial paper, and secured transactions. Also, the formation, operation, and dissolution of partnerships and corporations, the merger and consolidation of corporations. PREREQ: GB 202.

GB 325 PRINCIPLES OF TRANSPORTATION (3-0-3)(F/S). Study of the economic and management problems and functions of the transportation industry. Covers the organization and structure of the transportation industry as well as the history, development, operations, pricing and legal controls and obligations of firms engaged in transportation services.

GB 360 BUSINESS ETHICS, AND SOCIAL RESPONSIBILITY (3-0-3)(F). An exploration of business conduct and social responsibility in the light of existing ethical, moral, and social values. Designed to enable students to form individual positions on ethical conduct and social responsibility.

MB MANAGEMENT

Upper Division

MB 301 PRINCIPLES OF MANAGEMENT (3-0-3). The history of management, schools of management thought, and the planning, organizing, directing and controlling functions of management. Emphasis is also given to international management.

MB 305 PERSONNEL ADMINISTRATION (3-0-3)(F/S). The functions of personnel administration—human resources, planning, procurement, development, utilization, and compensation—with an emphasis on the interrelationships among these functions. Current topics in the law as they affect the personnel functions are considered (e.g., OSHA, Fair Employment Regulations, etc.). PREREQ: MB 301 or PERM/INST.

MB 317 SMALL BUSINESS MANAGEMENT (3-0-3)(F/S). Study of the unique and distinct problems encountered by small business organizations. Covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis is placed on small business management techniques as they apply to service, retail, and production oriented small businesses. PREREQ: MB 301.

MB 330 LABOR LAW (3-0-3)(F/S). The general principles of the law and the effective application of these principles. Such issues as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanism of conflict resolution are discussed.

MB 340 LABOR RELATIONS (3-0-3)(F/S). History, structure, policies, and operations of labor unions, the functioning of industrial relations activities within organizations, and important concepts and terminology in labor-management relations. Contract administration is emphasized with a focus on the day-to-day relationships. International comparisons are made.
MG 401 HUMAN RESOURCE MANAGEMENT (3-0-3). Utilizing concepts and theories from the behavioral sciences, this course covers topics essential to manage human resources effectively. Topics covered include perception, motivation, attitudes, power and leadership. PREREQ: MG 301.

MG 405 ORGANIZATIONAL THEORY (3-0-3)(S). Development of organizational theory including the following specific areas: organizational structure, bureaucracies, organizational influence processes, politics, power and conflict, organizational development and organizational effectiveness. PREREQ: MG 301.

MG 406 COMPENSATION MANAGEMENT (3-0-3)(F/S). Implementation, administration, maintenance, and control of a comprehensive compensation program, job analysis, job evaluation, pricing of jobs, supplemental benefits, incentive plans, and performance appraisal. Legislation affecting compensation and unique compensation problems of public employees and employees of trans-national enterprises. PREREQ: MG 305 or PERM/INST.

MG 415 COLLECTIVE BARGAINING (3-0-3)(S). Materials and resources utilized in preparation for negotiations. Bargaining strategies and tactics are examined. Various methods of conflict resolution are explored, with an emphasis on the mediation and arbitration process. Special attention is devoted to public sector bargaining. PREREQ: MG 340, 330, or PERM/INST.

DEPARTMENT OF MARKETING AND ADMINISTRATIVE SERVICES

Business Building, Room 306 Phone (208) 385-3366

Chairman and Associate Professor: Dr. Douglas J. Lincoln; Professors: Clark, Cornwell, Knowlton, Manship, Scudder; Associate Professors: Bounds, Lane, McCain; Assistant Professor: Warberg; Instructor: Hogue.

Majors in: ADMINISTRATIVE SERVICES (Formerly Office Administration--includes Business Education) MARKETING MARKETING-MID-MANAGEMENT (2 year degree)

COLLEGE OF BUSINESS, PART 5 (Complete)
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

ADMINISTRATIVE SERVICES MAJOR

BUSINESS EDUCATION OPTION
Bachelor of Business Administration Degree

FRESHMAN YEAR:

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SOPHOMORE YEAR:

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Distributive Education Certification

COLLEGE OF BUSINESS, PART 5 (Complete)

Students planning to teach in distributive education will take:
MM 101, MM 204, BE 409, BE 443 and BE 449 instead of AC 401, AS 215, AS 310 or AS 317, and upper division economics elective.

MARKETING MAJOR

Bachelor of Business Administration Degree

FRESHMAN YEAR:

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Distributive Education Certification

COLLEGE OF BUSINESS, PART 5 (Complete)

MARKETING MAJOR

Bachelor of Business Administration Degree

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Distributive Education Certification

COLLEGE OF BUSINESS, PART 5 (Complete)
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

**Counts as part of the 6 hour Area II requirement other than Economics.**

**At least 16 hours of electives must be outside of the College of Business. The 16 hours must include hours from at least 2 of the 3 defined Areas I, II, and III. Fundamentals of Speech Communication counts as 3 of these 16 hours.**

**Economics Electives (Upper Division)**

**ELECTIVES**

**Intermediate Marketing Management** MK 320
**Principles of Production Management** DS 345
**Business Communication** AS 328

**SENIOR YEAR:**

**Advanced Marketing Management** MK 425
**Marketing Electives**
**Business Policies** GB 450
**Marketing Research** MK 415

**ELECTIVES**

**Intermediate Marketing Management** MK 320
**Principles of Production Management** DS 345
**Business Communication** AS 328

**AS ADMINISTRATIVE SERVICES**

**Lower Division**

**AS 213 WORD PROCESSING/MACHINE TRANSCRIPTION** (2-0-2)(F/S). The development of speed and accuracy in machine transcription is emphasized by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. PREREQ: OF 104 (Typing III).


**Upper Division**

**AS 309 RECORDS MANAGEMENT** (3-0-3)(F). Creation, processing, maintenance, protection and destruction of business records. These topics will be covered from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed.

**AS 310 PRINCIPLES OF ADMINISTRATIVE SERVICES** (3-0-3)(S). Office procedures at the administrative level. The case study and project approach will be used. Procedures necessary to direct and supervise office activities as well as perform them.

**AS 315 PRINCIPLES OF WORD PROCESSING** (3-0-3)(F). Principles of computerized word processing. Feasibility studies, organization and structure, input-output equipment, personnel and training, measurement and control and reprographics. Communications within and outside the organization using computers.

**AS 317 OFFICE MANAGEMENT** (3-0-3)(S). Introduction to the area of information management. Functions of office management include areas such as production, environmental analysis, systems analysis and personnel administration.

**AS 328 BUSINESS COMMUNICATION** (3-0-3)(F/S). The effectiveness and correctness of writing and the psychology of letter writing will be stressed through the preparation of a variety of business
messages. Specific memorandum and letter problems will be used in conjunction with various cases to provide students with realistic opportunities to develop writing skills necessary for entry-level performance. PREREQ: E 102.

AS 338 TECHNICAL WRITING FOR BUSINESS. (3-0-3)(S). A study and application of the principles and logic of effective writing in the preparation of business reports and technical papers. Specific as well as general instruction in the gathering and interpreting of data, organizing of information, and writing of the final report. The case-study approach will be used. PREREQ: AS 328.

BE BUSINESS EDUCATION

Upper Division

BE 401 METHODS IN BUSINESS EDUCATION (3-0-3)(F). Methods and materials of instruction in business subjects at the secondary and post-secondary levels. Methods of teaching the adult learner. Application of principles of learning and teaching to business education. Must be taken prior to student teaching.

BE 409 METHODS AND MATERIALS IN DISTRIBUTIVE EDUCATION (2-0-2)(F). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Organization and administration of vocational student groups.

BE 411 CONSUMER EDUCATION IN THE SCHOOLS (3-0-3)(S). For students preparing to teach consumer related topics. To introduce prospective teachers to teaching methodology appropriate to Consumer Education. Learning materials and resources will be identified and reviewed. PREREQ: Senior level or PERM/INST.

BE 421 BUSINESS CURRICULUM AND METHODS SEMINAR (3-0-3)(S). Coverage of current issues and methods in business education, curriculum, research, vocational guidance, and the handicapped student. Includes counseling responsibilities, curriculum development, teaching the disadvantaged and handicapped, and modifying vocational programs for students with special needs. Individual research and presentation emphasized.

BE 441-441G PRINCIPLES AND ORGANIZATION OF VOCATIONAL EDUCATION PROGRAMS--JOB ANALYSIS (3-0-3)(S). Philosophy, history, purpose and organization of Vocational Education programs. Occupational analysis to include nature and use of vocational information, labor force opportunities, job values, job analysis, job descriptions, and job requirements.

BE 443-443G ADMINISTRATION AND COORDINATION OF COOPERATIVE PROGRAMS (3-0-3)(F). Selection, guidance, placement, superv and follow-up of students in training stations. Responsibilities of good public relations, organization, maintenance, and utilization of advisory committees. Vocational youth groups, including philosophy, establishment, leadership, financing, activities, and contests.

BE 471 BUSINESS STUDENT TEACHING (8-0-8)(F/S). Supervised teaching under the direction of qualified business and teacher-education specialists. PREREQ: BE 401 and PERM/DIR.

MK MARKETING

Upper Division

MK 301 PRINCIPLES OF MARKETING (3-0-3)(F/S). Marketing consists of identifying and interpreting wants and needs of people; selecting the particular wants and needs the organization will satisfy; determining the product, price, promotion, and place in a proper mix. PREREQ: Junior standing.

MK 306 PROMOTION MANAGEMENT (3-0-3)(F/S). A comprehensive approach to creating and implementing advertising and promotional activities. New issues of consumer research are emphasized and integrated with the promotional mix. The economic and social criticisms of advertising are stressed to insure that managers are aware of the ethical responsibilities inherent in the job. PREREQ: MK 301.

MK 307 CONSUMER BEHAVIOR (3-0-3)(F/S). Theories of behavior related to purchase and consumption of goods or services. Individual as well as group reaction in social science research is evaluated. PREREQ: MK 301.


MK 415-415G MARKETING RESEARCH (3-0-3)(F/S). Theory and use of research for marketing decisions. Experience in formal research methodology by planning and conducting an actual research project. PREREQ: DS 208 and MK 301.

MK 421 SALES ADMINISTRATION (3-0-3)(F/S). Management and integration of sales organizations, emphasizing recruiting, selection, training, supervision, compensation of salesmen. Stress also placed on coordination with other functional managers, ethics and social responsibilities of the sales manager. PREREQ: MK 301.

MK 425 ADVANCED MARKETING MANAGEMENT (3-0-3)(F/S). Case and "real world" study of marketing problems. Emphasis on problem
MM MARKETING--MID-MANAGEMENT

Lower Division

MM 100 MID-MANAGEMENT (2-0-2)(F/S). For students enrolled in the mid-management program. Student may earn 2 semester hours credit for a maximum of four semesters. This provides actual experience in retail, wholesale, or service field as a paid employee. Student is evaluated by both the employer and the program coordinator.

MM 101 SALESMANSHIP (3-0-3)(F/S). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishments. Analysis of customer behavior and motivation; methods of creating customer attention, interest, desire and action. Special emphasis is given to ethical sales techniques.

MM 105 ELEMENTS OF MANAGEMENT (3-0-3)(F/S). Principles of management related to the functions of planning, organizing, staffing, directing, and controlling. Production is not considered. Mid-Management Majors only.

MM 201 CONSUMER MARKETING (3-0-3)(F). The study of activities by which goods and services flow from producer to ultimate consumer. Includes methods, policies, and evaluation of the various marketing institutions according to the function performed.

MM 203 PRINCIPLES OF ADVERTISING (3-0-3)(S). Objectives and policies of sales promotion, study of the media, and regulation of advertising. Coordination of display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display.

MM 204 RETAIL MERCHANDISING (3-0-3)(F/S). Merchandise planning and control, expenses, and cost reduction, purchasing for resale, pricing of goods, retail control systems. Mid-management majors only.

MM 206 SUPERVISION OF PERSONNEL (3-0-3)(S). Major emphasis is given to the applied management functions of the first level supervisor. Individual and organizational needs are identified and discussed.

MM 209 REPORT WRITING (3-0-3)(F). Prepares the student to write reports for business situations. Emphasis is placed on actual preparation of reports, research methods, and readability of the finished product. Mid-management majors only.
COLLEGE OF EDUCATION, PART 6

PAGES 94-98 - PHYSICAL EDUCATION PROGRAMS (NEW BS)

Except for the faculty listing change the Department of Health, Physical Education and Recreation to read:

UNDERGRADUATE PROFESSIONAL PREPARATION PROGRAM LEADING TO A BACHELOR OF SCIENCE DEGREE IN PHYSICAL EDUCATION

1. Physical Education Options--major degree programs
   a. Secondary Education Option - for those who wish to qualify for teacher certification.
   b. Non-Teaching Option - for those who wish to prepare for physical education related careers which do not require teacher certification.

2. Supporting Fields--Broad divisions within the total professional preparation program.
   a. School Physical Education--Areas of emphasis generally related to public school physical education instruction.
   b. Sport Science--Areas of emphasis generally related to organized competitive athletics at all levels.
   c. Commercial/Industrial Physical Education--Areas of emphasis generally related to private-commercial or industrial physical education related professions.

3. Areas of Emphasis--Areas with major curriculum requirements in addition to a common core.
   a. Physical Education Grades K-6 -- For those who wish to become elementary physical education specialists.
   b. Physical Education Grades 7-12 -- For those who wish to become junior/senior physical education specialists.
   c. Health Education -- For those physical education majors who wish a strong minor in health education and who meet certification standards for physical education and health teachers.
   d. Corrective/Adaptive Physical Education -- For those whose interests are in developing and implementing physical education programs for special populations such as the mentally retarded, physically disabled, socially and emotionally maladjusted or deviant and for the elderly.
   e. Athletic Coaching -- For those who wish to have special preparation for public school or college coaching careers.
   f. Athletic Training -- For those who wish to prepare for National Athletic Trainers Association Certification Examination and qualify for positions as athletic trainers in public schools, college or professional sports or sports medicine clinics.
   g. Biomechanics -- For those who wish to develop an improved understanding of the mechanical bases of human movement; for coaching, research or preparation for graduate school.
   h. Exercise Physiology -- For those who desire a physical education degree with a strong emphasis in the biological sciences as preparation for graduate school or for employment in fitness related fields.
   i. Sport Communication -- For those who wish to prepare for employment as sports information directors, sports broadcasting, etc.
   j. Commercial Fitness -- For those who wish to prepare as fitness experts in commercial fitness centers.
   k. Industrial Fitness -- For those who wish to develop and implement total fitness programs connected with industrial companies and corporations.
   l. Business -- For those who wish to prepare for an organizational or administrative position in a physical education related field.

4. Minor Field of Interest -- Areas related to some areas of emphasis in such a way that specific courses may be identified to help prepare the graduate for a specific job such as:
   Strength coach, audio-visual technician in sports; equipment technician; physical education in correctional institutions; physical education for the elderly, socially deviant, etc.

BACHELOR OF SCIENCE DEGREE
PHYSICAL EDUCATION
SECONDARY EDUCATION OPTION
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

REQUIRED OF ALL GRADUATES:

GENERAL UNIVERSITY REQUIREMENTS:
- English Composition E 101-102 .................................................. 6
- Area I Core ................................................................................. 12
- Area II Core .............................................................................. 12
- Area III Core ............................................................................ 12
- Area I-III Electives ..................................................................... 9

PHYSICAL EDUCATION CORE REQUIREMENTS (Required of All Graduates):
- Health Education PE 100 .............................................................. 3
- Foundations of Physical Education PE 101 ..................................... 3
- Rhythmic Skills PE 113 ................................................................. 1
- Tumbling Skills PE 115 ................................................................. 1
- Sports Skills PE 117 ................................................................. 1
- Human Growth and Motor Development PE 205 ......................... 2
- Anatomical Kinesiology PE 230 .................................................... 3
- Evaluation in Physical Education PE 309 ...................................... 3
- Exercise Physiology PE 310 .......................................................... 3
- Biomechanics PE 311 ................................................................. 3
- Organization and Admin of PE PE 457 ......................................... 3

Additional required or approved elective physical educational courses for each supporting field Minimum 11

Physical Education Approved Electives 3
Approved Supporting Field Electives 10
Area I Core .............................................................................. 6
Area II Core .............................................................................. 3
Area III Core ............................................................................. 3

NON-TEACHING OPTION

Teacher Education Certification requirements for some areas of emphasis. Minimum 11

Required or approved elective cross-disciplinary courses for non-teaching option 21-28

Total credits required for graduation (Minimum) 128

NOTE: P 101, Z 111-112, P 312, H 207 and CM 111 or CM 311 are required of all graduates.

FRESHMAN YEAR
- English Composition E 101-102 .................................................. 6
- General Psychology P 101 .............................................................. 3
- Human Anatomy and Physiology Z 111-112 .................................. 8
- Health Education PE 100 .............................................................. 3
- Foundations of Physical Education PE 101 ..................................... 3
- Rhythmic Skills PE 113 ................................................................. 1
- Tumbling Skills PE 115 ................................................................. 1

SOPHOMORE YEAR
- Human Growth and Motor Development PE 205 ......................... 2
- Anatomical Kinesiology PE 230 .................................................... 3
- Nutrition H 207 ........................................................................... 3
- Physical Education Approved Electives 3
- Approved Supporting Field Electives 10
- Area I Core .............................................................................. 6
- Area II Core .............................................................................. 3
- Area III Core ............................................................................. 3

JUNIOR YEAR
- Evaluation in Physical Education PE 309 ...................................... 3
- Exercise Physiology PE 310 .......................................................... 3
- Adolescent Psychology P 312 ....................................................... 3
- Physical Education Approved Electives 3
- Approved Supporting Field Electives 9
- Area I Core .............................................................................. 3
- Area II Core .............................................................................. 3
- Area III Core ............................................................................. 4

SENIOR YEAR
- Organization and Admin of PE PE 457 ......................................... 3
- Physical Education Approved Electives 6
- Supporting Field Approved Electives 10
- Area I Core .............................................................................. 3
- Area II Core .............................................................................. 3
- Area III Core ............................................................................. 4
- General Electives ........................................................................ 4

PAGE 96 - PE COURSES (COMPLETE LISTING)

Change PE PHYSICAL EDUCATION Course Offerings as follows:

PE PHYSICAL EDUCATION

Lower Division

PE 100 HEALTH EDUCATION (3-0-3). Covers nutrition, diseases, health needs, services, drugs, family living and personality structure and development. Aids student adjustment toward effective functioning in a changing environment. Required of all PE majors.
**PE 101 FOUNDATIONS OF PHYSICAL EDUCATION** (3-0-3)(F). Instruction in physical education program offerings and requirements at BSU. Emphasis on understanding of what is involved in the profession including: interaction of humanities, exercise physiology, kinesiology, psycho-social aspects and human growth and motor development as related to physical education. Required of all PE majors.

**PE 103 INTRODUCTION TO RECREATION** (2-0-2)(S). Instruction in the growth and development of recreation education and its role in present-day society. Offered odd numbered years.

**PE 113 RHYTHMIC SKILLS** (0-2-1). Professional activity. Instruction and practice in rhythmic skills, (locomotor, non-locomotor, and manipulative), emphasizing fundamental and practical application.

**PE 115 TUMBLING SKILLS** (0-2-1). Professional activity. Instruction and practice in tumbling skills, emphasizing fundamentals, skill progressions and practical application. Required of all PE majors.

**PE 120 TRAINING ROOM PROCEDURES** (0-2-1)(F/S). Instruction in actual clinical aspects of campus athletic training programs, emphasizing observation and practical application.

**PE 121 STANDARD FIRST AID & CPR** (1-2-1)(F/S). Instruction in and application of basic skills and the multi-media approach to first aid and CPR training.

**PE 122 ADVANCED FIRST AID** (3-0-3)(F/S). Instruction in wounds, shock, poisoning, heat and cold injuries, skeletal injuries, water rescue, CPR extrication, emergency child-birth and training required for policemen, firemen, and ski patrol. Required of all PE majors.

**PE 123 FIRST AID INSTRUCTOR TRAINER COURSE** (1-2-1)(S). Instruction in methods of teaching CPR and Standard First Aid. Offered spring on odd numbered years.

**PE 143 VOLLEYBALL** (0-2-1). Professional activity. Instruction and practice in volleyball, emphasizing fundamentals, strategy, conditioning and practical application.

**PE 144 BASKETBALL** (0-2-1)(F/S). Professional activity. Instruction and practice in basketball, emphasizing fundamentals, strategy, conditioning and practical application.

**PE 203 RECREATIONAL ACTIVITIES** (2-0-2)(F). Materials, methods and teaching progression in recreational activities for special groups and special situations. Offered in the fall on odd numbered years.

**PE 205 HUMAN GROWTH AND MOTOR DEVELOPMENT** (2-0-2)(F/S). Instruction for an understanding of the existing body of knowledge regarding human growth and motor development. Required of all PE majors.

**PE 212 TRACK AND FIELD** (0-2-1). Professional activities. Instruction and participation in track and field events for development of basic skills and techniques, emphasizing fundamentals, conditioning and practical application.

**PE 217 WRESTLING** (0-2-1). Professional activities. Instruction and participation in wrestling for development of basic skills and techniques, emphasizing fundamentals, conditioning and practical application.

**PE 218 RHYTHMIC GYMNASTICS** (0-2-1)(F). Professional activity. Instruction and participation in rhythmic gymnastics for development of basic skills and techniques, emphasizing fundamentals, skill progressions, conditioning and practical application. Offered in fall on odd numbered years.


**PE 236 INTRODUCTION TO ATHLETIC INJURIES** (2-0-2)(F/S). Instruction in athletic training care, prevention and rehabilitation. The role of the athletic trainer, qualification and responsibilities as they relate to physical education and athletics; control and care of injuries. PREREQ: PE 230.

**PE 254 SPORT OFFICIATING** (2-0-2)(S). Instruction in officiating sports for development of skills and application of methods to sports.

**PE 282 ADVANCED LIFESAVING** (2-0-1)(F). Instruction and participation in lifesaving skills. ARC course, including personal safety, self rescue and rescue training skills. Student must be able to swim 500 yards.

**PE 283 WATER SAFETY INSTRUCTOR’S COURSE** (1-2-2). (S). Review of courses the student is eligible to teach. Teaching methods and practice teaching. Leads to ARC WSI certificate. Must have ARC advanced lifesaving certificate and ARC swimming level of skill.

**PE 293 INTERNSHIP** (1-3 credits)(F/S). Practicum field experience in physical education related areas. Practical experience utili-
lizing theory and practice of the assigned activity in a school setting. Required in some options.

PE 303 INTRAMURAL ORGANIZATION (2-0-2)(F). Instruction in organization and administration of intramural activities. Offered in the fall on odd numbered years. PREREQ: Junior standing.

PE 304 SECONDARY SCHOOL PE METHODS (2-2-3)(S). Instruction and participation in methods of teaching secondary school PE, including practical application of teaching models and theories, instructional analysis and performance objectives, lesson plans and curriculum writing. Laboratory observation and participation in public schools. PREREQ: Junior standing.

PE 309 EVALUATION IN PHYSICAL EDUCATION (3-0-3)(F/S). Instruction in basic mathematical concepts related to statistical analysis, philosophy of evaluation and test construction, administration and interpretation. Required of all PE majors. PREREQ: Junior standing.

PE 310 EXERCISE PHYSIOLOGY (2-2-3)(F/S). Instruction in the physiological and biochemical changes accompanying exercise and training with emphasis on application of scientific principles to training program design. PREREQ: Junior standing.


PE 313 CONDITIONING PROCEDURES FOR SPORTS (1-2-2)(F/S). Instruction in conditioning procedures with emphasis on program planning, objectives, exercise analysis and prescription. PREREQ: PE 310.

PE 319 COACHING FOOTBALL (2-2-3)(F). Instruction in methods of coaching football, emphasizing fundamentals, strategy, conditioning and practical application. PREREQ: Junior standing.

PE 320 COACHING WRESTLING (2-2-3)(S). Instruction in methods of coaching wrestling, emphasizing fundamentals, strategy, conditioning and practical application. PREREQ: Junior standing. Offered in the spring on odd numbered years.

PE 323 COACHING BASKETBALL (2-2-3)(F). Instruction in methods of coaching basketball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 324 COACHING BASEBALL (2-2-3)(S). Instruction in methods of coaching baseball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 325 COACHING VOLLEYBALL (2-2-3)(F). Instruction in methods of coaching volleyball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 326 COACHING TENNIS (2-2-3)(S). Instruction in methods of coaching tennis, emphasizing fundamentals, strategy, conditioning and practical application. PREREQ: Junior standing. Offered in spring on even numbered years.

PE 327 COACHING TRACK AND FIELD (2-2-3)(S). Instruction in methods of coaching track and field emphasizing fundamentals, conditioning, meet organization and administration and practical application. PREREQ: Junior standing.

PE 336 COACHING WOMEN'S GYMNASTICS (2-2-3)(F). Instruction in methods of coaching women's gymnastics emphasizing fundamentals, skill progressions, safety, conditioning and practical application. PREREQ: Junior standing, PE 115. Offered in fall on even numbered years.

PE 341 SECONDARY SCHOOL DANCE METHODS (2-0-2)(F). Instruction in methods of teaching social, folk, square, rounds, mixers, and aerobic dance. Offered in the fall on even numbered years.

PE 357 DANCE FOR CHILDREN (2-0-2)(S). Instruction in the analysis of fundamentals, development of skills and application of methods in teaching dance to children. Offered in spring on odd numbered years.

PE 361 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS (3-0-3)(F/S). Instruction in methods of teaching elementary school physical education emphasizing movement needs, analysis and development of skills and practical application. PREREQ: Junior standing.

PE 369 MOTOR PROGRAMMING FOR SPECIAL POPULATIONS (2-0-2)(F). Instruction in motor growth and development, identification, assessment, prescription and methods of implementing fitness programs for special populations. PREREQ: Junior standing, PE 361.

PE 401G PSYCHOLOGY OF ACTIVITY (3-0-3)(F/S). Instruction in concepts of learning, value formation, motivation, stress, personality, measurement and evaluation of skill learning. PREREQ: Junior standing, PE 310.

PE 402G ADVANCED ATHLETIC TRAINING (3-3-3)(S). Instruction in advanced theory and application of techniques of athletic training for student pursuing a career as professional athletic trainer. PREREQ: PE 236, 311. Offered in spring on odd numbered years.

PE 403 TRAINING ROOM MODALITIES (2-0-2)(F). Instruction in theory and application of various therapeutic modalities for care and treatment of athletic injuries, emphasizing cryotherapy, thermal
therapy; and electrical modalities. PREREQ: Junior standing. PE 236, 311. Offered in the fall on even numbered years.

PE 405 CONSUMER HEALTH (2-0-2)(S). Instruction in factors involved in the selection and evaluation of health services and products, emphasizing quackery awareness, consumer protection laws and organizations and health insurance considerations. PREREQ: Junior standing. Offered in the spring on even numbered years.

PE 415 SCHOOL HEALTH PROBLEMS AND METHODS (3-0-3)(F). Instruction in current issues and trends in health programming and education, emphasizing topic sequence, individual and social health problems and methods of teaching health in the elementary and secondary schools. PREREQ: Junior standing.

PE 422 INJURY EVALUATION (2-0-2)(F). Instruction in theory and application of basic passive and functional examination of traumatic conditions resulting from sports participation, emphasizing specific examination techniques. Offered in the fall on odd numbered years.

PE 430 COACHING-NATURE OF THE PROFESSION (2-0-2)(F/S). Nature of the coaching profession with emphasis on the functions of the coach in the interscholastic athletic program. PREREQ: PE 304.

PE 433 LEISURE COUNSELING (2-0-2)(S). Instruction in meeting needs of a more free-time society through fitness, social, artistic, community and learning activities. Offered in the spring on even numbered years.

PE 451 ADAPTED PHYSICAL EDUCATION (3-0-3)(S). Survey of common differences and divergencies of people, emphasizing analysis of conditions, program development, and teacher responsibility. PREREQ: PE 230, 310.

PE 457. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION (3-0-3)(F/S). Instruction in organization and administration of school physical education, health education, commercial/industrial, and sports programs. Required of all PE majors. PREREQ: Junior standing.

PE 481 FACILITIES AND EQUIPMENT (2-0-2)(S). Instruction in physical education and athletic facility and equipment care and planning, emphasizing needs, codes, materials, space requirements, equipment and supply purchase and care and computer programming.

PE 493 INTERNSHIP (1-6 Credits)(F/S). Practicum field experience in physical education related areas. Practical experience utilizing theory and practice of the assigned activity in a school setting. Required in some options. PREREQ: Coaching methods class. PE 230, 310.

PAGE 98 - NEW DESIGNATOR AND COURSES FOR FITNESS ACTIVITY

FA FITNESS ACTIVITY

The Fitness Activity Program provides for beginning, intermediate and advanced levels of instruction in a variety of activities to meet the needs and interests of the student. The courses meet two hours per week for one semester. One credit will be granted for successful completion of the course. Eight credits of fitness activity courses may be counted as electives toward graduation. No course may be repeated for credit. No fitness activity course may be challenged for credit. All fitness activity courses are graded pass/fail whereby credit earned will count toward graduation but will earn no quality points to be used in calculation of the grade point average. Fitness Activity course numbers provide the following information:

1. The first digit indicates skill level (I, II, III):
   - LEVEL I courses are designed for the beginner who has had little or no instruction in the activity.
   - LEVEL II is for the individual who has command of basic skills and is of intermediate performance level.
   - LEVEL III is for the individual who has command of intermediate skills and is ready for emphasis on advanced game strategies and skills.

2. The second digit indicates the activity classification (1--aquatics, 2--dance, 3--individual sports, 4--martial arts, 5--outdoor pursuits, 6--personal fitness, 7--racquet and court sports, 8--team sports, 9--participation sports).

3. The third digit indicates the specific activity (example: 1--kayaking, 2--skin and scuba diving, etc.)

   Lower Division

FA 111 KAYAKING AND RAFTING I (0-2-1). Basic skills of kayaking and rafting. Covers safe handling, self-rescue skills, and helping or rescuing others. Students must be able to maintain themselves in deep water, fully clothed, for ten minutes. Special fee required. (Pass/Fail)
FA 112 SKIN AND SCUBA DIVING I (0-2-1) Basic skin and scuba diving skills. Proper use of mask, fins and snorkel, mechanical use of equipment, safety techniques, and panic control are stressed. Students must swim 400 yards, tread water for 15 minutes and carry a ten pound weight 25 yards. Certification is optional. Special fee required. (Pass/Fail)

FA 113 SWIMMING I (0-2-1). Basic water safety, skill and knowledge; floating, bobbing, diving, rhythmic breathing, treading water, and introduction to the crawl, side and elementary backstroke. For students who do not know how to swim. (Pass/Fail)

FA 121 BALLET I (0-2-1) (Coed). A structured class in the basics of classical dance (Barre) work and technique with historical background stressed. Designed as a tool to help students gain strength and agility. (Pass/Fail)

FA 122 FOLK DANCE I (0-2-1). Instruction and participation in techniques and application of basic steps and patterns used in folk dances from different countries. (Pass/Fail)

FA 123 MODERN DANCE I (0-2-1). Opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Improvement of flexibility, balance, coordination, and relaxation by using modern dance techniques and movement exploration. (Pass/Fail)

FA 124 SOCIAL DANCE I (0-2-1). Instruction and participation in dance fundamentals including: waltz, polka, jitterbug, foxtrot, western swing, cha cha, samba, tango, folk, square, round dances, and mixers. (Pass/Fail)

FA 131 ARCHERY I (0-2-1). Provides the beginning archery students with instruction and participation in fundamental techniques of archery; target, field, clout, bow hunting, novelty, etc. (Pass/Fail)

FA 133 BOWLING (0-2-1). Instruction and participation in bowling for development of fundamental skills, rules, handicaps, and scorekeeping. Special fee required. (Pass/Fail)

FA 134 FENCING I (0-2-1). Instruction and participation in fencing for development of basic skills and techniques. (Pass/Fail)

FA 135 GOLF I (0-2-1). Instruction and participation in golf for development of fundamental skills, rules, and proper etiquette of the game. Special fee required (Pass/Fail)

FA 136 GYMNASTICS I (0-2-1) (Coed). Instruction and participation in gymnastics for development of fundamental skills and spotting and safety techniques. (Pass/Fail)

FA 141 DEFENSIVE TACTICS I (0-2-1). Defense against one or more persons, arrest, control devices, and individual and group tactics. For criminology majors only. Gi required. (Pass/Fail)

FA 142 JUDO I (0-2-1). Principles and philosophy of judo and techniques of falling, throwing, and grappling. Gi required. (Pass/Fail)

FA 143 KARATE I (0-2-1). Presentation of techniques based on the theory of energy conservation. Exercises coordinating the mental and physical powers possessed by every human being. Gi required. (Pass/Fail)

FA 144 SELF-DEFENSE I (0-2-1). Defensive tactics of Aikido, Judo, and Karate. Coordination of mind and body and nonaggressive application of laws of gravity and force. Improvement of coordination and condition of the participant. Gi required. (Pass/Fail)

FA 151 ALPINE SKIING I (0-2-1) (S). Basic skills and techniques of alpine skiing. Students furnish equipment and transportation. Special fee required. (Pass/Fail)

FA 152 BACKPACKING, CAMPING, AND SURVIVAL SKILLS I (0-2-1). Fundamental skills in backpacking, overnight camping, and basic survival. Includes choice and care of equipment, camping sites, outdoor cooking skills, and ecology. Students furnish equipment and transportation. (Pass/Fail)

FA 153 CROSS COUNTRY SKIING I (0-2-1) (S). Basic skills and techniques of cross country skiing. Students furnish equipment and transportation. Special fee required. (Pass/Fail)

FA 154 FLYCASTING AND STREAM STRATEGY I (-0-2-1). Techniques of flycasting, including single and double haul methods. Presentation of insect, minnow, and terrestrial imitations. Techniques of catching and releasing of warm water, cold water, and anadromous fishes. Students furnish equipment and transportation. (Pass/Fail)

FA 155 FLYTYING I (0-2-1). A practical orientation and application of flytying skills for the beginning or experienced flytier. The course will focus on tying dry and wet flies, nymphs, bucktails, and streamers. Special fee required (Pass/Fail)

FA 156 TARGET AND TRAP SHOOTING I (0-2-1). Fundamental skills of air rifle and shotgun shooting. Sighting procedures, gun parts, care of equipment, and safety are stressed. Shotgun trap loading is also taught. Students will furnish shotgun, shells, and trap range fees. (Pass/Fail)

FA 161 AEROBIC DANCE I (0-2-1). Instruction and participation in aerobic dance for the development of cardiovascular and neuromuscular fitness. (Pass/Fail)
FA 162 ADAPTED PHYSICAL EDUCATION I (0-2-1). Adaptive and corrective exercise programs to aid men and women who are unable to participate in a regular activity class. Course is individualized to meet the special needs of the individual. The course may be repeated for credit. (Pass/Fail)

FA 163 JOGGING I (0-2-1). Instruction and participation in beginning endurance running. The student will be pretested and placed in a level suitable to his/her capabilities as to age and condition. Designed to develop and maintain the cardio-respiratory system. (Pass/Fail)

FA 164 PERSONAL FITNESS AND WEIGHT CONTROL I (0-2-1). Introduction to the essential components of total fitness with prescribed fitness programs for individual needs. (Pass/Fail)

FA 165 WEIGHT TRAINING I (0-2-1). Instruction and participation in progressive body-building and conditioning exercises with resistance for development of beginning skills and fitness. (Pass/Fail)

FA 166 YOGA AND STRESS MANAGEMENT I (0-2-1). Introduction to yoga theory, practice, and tradition; introduction to stress/distress theories; in-depth practice of Hatha Yoga postures: in-depth breath control (abdominal breath.) (Pass/Fail)

FA 171 BADMINTON I (0-2-1). Instruction and participation in badminton to encourage skill development, understanding, and appreciation of the game. (Pass/Fail)

FA 172 RACQUETBALL I (0-2-1). Instruction and participation will emphasize basic techniques and skills of racquetball with emphasis on playing procedures. (Pass/Fail)

FA 173 TENNIS I (0-2-1). Instruction and participation for development of fundamental skills, rules, and basic strategy. (Pass/Fail)

FA 181 BASKETBALL I (0-2-1). Instruction and participation in basketball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail)

FA 182 SOFTBALL I (0-2-1). Instruction and participation in softball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail)

FA 186 VOLLEYBALL I (0-2-1). Instruction and participation in volleyball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail)

FA 190 CLUB SPORTS I (0-2-1). Instruction and participation in club sports approved by the BSU Student Senate. Club advisor's approval required. (Pass/Fail)

FA 191 VARSITY SPORTS I (0-2-1). Instruction and participation in BSU Department of Athletic's approved sports. Coach's approval required. (Pass/Fail)

FA 213 SWIMMING II (0-2-1). Instruction and participation in swimming for development of intermediate skills and techniques. Instruction in self-rescue skills, games, diving, and contests. Students must be able to swim 50 yards. (Pass/Fail)

FA 222 FOLK DANCE II (0-2-1). Instruction and participation in folk dance for development of advanced skills. (Pass/Fail)

FA 223 MODERN DANCE II (0-2-1). Instruction and participation in intermediate modern dance for development of flexibility, balance, coordination and movement, control leading to dance choreography and production work. PREREQ: FA 123 (Pass/Fail)

FA 224 SOCIAL DANCE II (0-2-1). Instruction and participation in social dance for development in the waltz, cha cha, fox trot, rhumba, tango, lindy, western swing, folk, square, and various novelty dances. (Pass/Fail)

FA 233 BOWLING II (0-2-1). Instruction and participation in bowling for development of intermediate skills and techniques. Special Fee required. PREREQ: FA 133 (Pass/Fail)

FA 235 GOLF II (0-2-1). Instruction and participation in golf for development of intermediate skills and techniques. Special Fee required. PREREQ: FA 135 (Pass/Fail)

FA 236 GYMNASTICS II (0-2-1). Instruction and participation in gymnastics for development of intermediate skills and techniques, performing combinations, compulsory and optional routines. PREREQ: FA 136. (Pass/Fail)

FA 242 JUDO II (0-2-1). Instruction and participation in judo for those seeking advanced degrees. Gi required. PREREQ: FA 142 (Pass/Fail)

FA 243 KARATE II (0-2-1). Instruction and participation in karate for development of advanced skills and techniques. Gi required. PREREQ: FA 143 (Pass/Fail)

FA 244 SELF-DEFENCE II (0-2-1). Instruction and participation in advanced defensive tactics of Aikido, Judo, and Karate. Coordination of mind and body and nonaggressive application of laws of gravity and force. Gi required. PREREQ: FA 144. (Pass/Fail)

FA 265 WEIGHT TRAINING II (0-2-1). Instruction and participation in progressive body-building and conditioning exercise with resistance for development of intermediate skills. PREREQ: FA 165. (Pass/Fail)
## Psychology Courses

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>P 101</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P 301</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P 305</td>
<td>Statistical Methods</td>
<td>3</td>
</tr>
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<td>P 351</td>
<td>Personality</td>
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## Social Science Secondary Education Option Major

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<td>3</td>
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<tr>
<td>P 301</td>
<td>Abnormal Psychology</td>
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<td>P 351</td>
<td>Personality</td>
<td>6</td>
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<td>Psychology upper-division electives</td>
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</tr>
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<td><strong>Total</strong></td>
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NOTE: Psychology is classified as a social science by the University, but not by the State Department of Education. You can apply psychology toward a baccalaureate degree in Social Sciences. (In this catalog see the sections on Economics, History, Political Science, Anthropology, and Sociology.) If you do that, you may be certified to teach the subjects that are classified by the State as "social studies," but you will not be certified to teach psychology unless you also meet the requirements of the Psychology Minor.

### Upper Division

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<tr>
<th>Course</th>
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<th>Credits</th>
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<tr>
<td>FA 313</td>
<td>Swimming III</td>
<td>0-2-1</td>
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<tr>
<td>FA 365</td>
<td>Weight Training III</td>
<td>0-2-1</td>
</tr>
<tr>
<td>FA 372</td>
<td>Racquetball III</td>
<td>0-2-1</td>
</tr>
<tr>
<td>FA 373</td>
<td>Tennis III</td>
<td>0-2-1</td>
</tr>
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</table>

### PAGE 99 - PSYCHOLOGY COURSE CHANGES

#### Psychology Courses

- Change P 401 from (3-0-3) to (0-3-3).
- Change P 495 from (3-0-3)(F) to (0-3-3)(FS).
- Change P 501 from (FSU) to (F/S/SU).

### PAGE 107 - GRADUATE PROGRAMS IN EDUCATION & IS COURSES

#### GRADUATE PROGRAMS IN EDUCATION

Replace the section PSYCHOLOGY MINORS, with the following:

**PSYCHOLOGY REQUIREMENTS**

---

COLLEGE OF EDUCATION, PART 6
An introduction to the development, organization and management of all types of libraries with emphasis upon the school library and its place in the instructional program. PREREQ: LS 201 or PERM/INST.

LS 311 REFERENCE AND BIBLIOGRAPHY (3-0-3) (F,S,Su)(Every third fall: 1985, 1988...; every third spring 1984, 1987...; every third summer: 1983, 1986...). Introduction to evaluation and use of basic reference sources, principles, techniques and issues of reference service. Includes coverage of standard reference books, indexes, abstracts, and bibliographies found in school or small public libraries. PREREQ: LS 201 or PERM/INST.

LS 321 BASIC BOOK SELECTION (3-0-3) (S, Su). Spring of odd numbered years, every third summer: 1984, 1987...). Principles and techniques for evaluating and selecting library materials; introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discarding and weeding, and materials for slow and gifted readers. PREREQ: LS 201 or PERM/INST.

Add the following under ADMISSION AND APPLICATION PROCESS:

5. Submit a $5.00 Lab Fee, per academic year, payable to the program by September 1st of second year of the program.

6. After being notified of acceptance to the program and before May 10, submit $14.00 nonrefundable prepayment for student name pin and clinical insurance.

MEDICAL RECORD SCIENCE

Sophomore year

Change Elective (Area III) 3 Cr from 1st to 2nd semester.

Add: Introduction to Health Law and Ethics H 213, 2 Cr 1st Semester.

Delete: Basic Legal Concepts for Health Practitioners H 210, 3 Cr 2nd Semester.

Credit Totals 16 1st Semester, 15-16 2nd Semester.

Change Course Description of MR 215 to read:

MR 215 CLINICAL PRACTICE (0-V-2). Following completion of all other program requirements students spend 120 hours in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology.

PAGE 114 - RADIOGRAPHY (RADIOLOGIC TECHNOLOGY)

Under RADIOGRAPHY, Application Process, B. Sophomore Year, change 2., and 3. to read:

2. Applicants are required to have an interview during the spring semester of the Freshman year. Contact the Program Director for specific details.

3. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

RESPIRATORY THERAPY PROGRAM

Delete 2nd and 3rd paragraphs at beginning of section, beginning with "The Respiratory Therapy Program at BSU consists. . . ." Add in lieu thereof:

The Respiratory Therapy curriculum consists of a preprofessional year followed by two years of professional study leading to an Associate of Science degree in Respiratory Therapy. The Associate of Science degree qualifies the student for the examination of the National Board of Respiratory Care. If desired, the student may continue on to the Baccalaureate degree.

The Respiratory Therapy Program has been granted accreditation by the Committee on Allied Health Education and Accreditation of the American Medical Association.

Under C., delete paragraph 2., starting, "Submit $14.00......"
Under APPLICATION PROCESS, change 2, 3, change 4, and 5, and add 4 and 5:

2. Applicants are required to have an interview during the spring semester of the preprofessional year. Contact the program director for specific dates.

3. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

4. After being notified of acceptance to the program, submit $14.00 as prepaid for student name pin and clinical insurance. This nonrefundable cost is payable by May 10.

5. A $7.00 Lab fee, per academic year, is payable to the program by September 1 of each professional year.

FIRST PROFESSIONAL (SOLOMORE) YEAR: Replace Introduction to Biophysics with Foundations of Physical Science PS 100.

Add, immediately preceding COURSE OFFERINGS:

<table>
<thead>
<tr>
<th>BACCALAUREATE DEGREE CURRICULUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite for Admission: Each student must have met and satisfactorily completed all requirements for the associate degree in Respiratory Therapy and/or related discipline from a comparable college/university program, and have permission of the program director.</td>
</tr>
</tbody>
</table>

SENIOR YEAR

<table>
<thead>
<tr>
<th>1st Sem</th>
<th>2nd Sem</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Administration MG 305</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management MG 401</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Information Science IS 210 or Introduction to Financial Accounting AC 205</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Area I, II)</td>
<td>3</td>
</tr>
<tr>
<td>Compensation Management MG 406</td>
<td>3</td>
</tr>
<tr>
<td>Respiratory Therapy Colloquium RT 401</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Area I)</td>
<td>6</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td><strong>12</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

Add, at end of COURSE OFFERINGS:

| RT 401 RESPIRATORY THERAPY COLLOQUIUM (3-0-3)(S): Investigation of current topics in health care and Respiratory Therapy management. Field work may be combined with seminars to explore topics such as federal and state legislation, current trends in hospital accreditation and audit procedures, ethics of health care, and the role of the Respiratory Therapist as manager. **PERM/INST.** |

<table>
<thead>
<tr>
<th>COLLEGE OF HEALTH SCIENCE, PART 7</th>
<th>BSU CATALOG 1982-83 CUMULATIVE ADDENDUM</th>
<th>PAGE 118</th>
<th>HEALTH SCIENCE COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete H 210 Basic Legal Concepts for Health Practitioners.</td>
<td>Add the following new course:</td>
<td><strong>PAGE 120 - NURSING (ADP)</strong></td>
<td><strong>HEALTH SCIENCE</strong></td>
</tr>
<tr>
<td>H 213 INTRODUCTION TO HEALTH LAW AND ETHICS (2-0-2)(F). A broad introduction to the basic legal and ethical concepts considered to be essential in the care of clients by health providers. A foundation course for instruction in the specialized application of this content in the student's major health care discipline.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PART-TIME NURSING STUDENT

Second Year—For N 140-141, 150-151, 160-161, 170-171, substitute Fundamentals of Nursing I & II N 100-102 ........ 6 7
English Composition E 101-102 ......................... 3 3
Introduction to Sociology SO 101 ...................... 3 3
Elective .............................................. - 3
Totals 12 12

Third Year—For N 220-221, 230-231, 240-241, 250-251, 260-269, and SO 101 substitute:
Nursing Interventions I & II N 200-202 ............ 9 10
Totals 9 10

PAGE 123 - NURSING

Under Part-Time Student (suggested program): Change Sociology of the Family SO 340 to Core or General Elective.

After Fourth Year listing, before Core Offerings add: Students who want to take more than a part-time schedule but less than a full-time program the first semester of the junior year are advised to take N 308-309, Professional Introductions, in addition to the suggested program above. In such cases, N 360 will be omitted as a co-requisite.

After Course Offerings N NURSING, add: ALL 100 and 200 level nursing courses have been changed. New curriculum approved by the State Board of Education in Fall Semester 1982 for implementation Fall Semester 1983.

COURSE OFFERINGS

N 100 FUNDAMENTALS OF NURSING I (3-9-6)(F). First of four sequential courses. Focus is Man: his well-being, environmental interaction, and ability to cope with stress. Clinical learning experiences are designed to increase knowledge of self/others, environmental factors which affect health; and measures used to assist people of all ages cope with change and progress toward high-level wellness. PREREQ: Admission to the AD Nursing Program.

N 102 FUNDAMENTALS OF NURSING II (3-12-7)(S). Builds upon concepts presented in N 100. Focus: methods of assisting patients/families adapt to stresses of illness and/or surgery. Exploration of concepts which apply to individuals at various points on health/illness continuum. Clinical learning experiences assist student in planning and implementing measures to help patients progress toward wellness. PREREQ: N 100.

N 114 ORIENTATION TO ASSOCIATE DEGREE NURSING FOR ADVANCE PLACEMENT STUDENT (1-0-1)(F). Designed to assist the student in transition from one role in nursing to another. Content focuses upon basic nursing concepts, the role of the associate degree nurse, and challenge procedures for advanced placement. Open to currently licensed practical nurses only.

N 200 NURSING INTERVENTIONS I (4-15-9)(F). Provides for continued development of concepts presented in first year courses. Focus is two-fold: assisting patients and families to adapt to changes in lifestyle or problems resulting from disordered com-

COLLEGE OF HEALTH SCIENCE, PART 7
Page 124 - PREPROFESSIONAL STUDIES

Insert the following additional paragraphs at the beginning of Department of Preprofessional Studies just prior to Baccalaureate degree programs:

The State of Idaho provides several support programs for Idaho residents who are accepted to professional schools out-of-state. Under these programs qualified students may attend professional schools in certain other states at essentially the same expense to the student as residents of the state in which the school is located. To qualify, students must generally have been legal residents of Idaho for five calendar years immediately preceding matriculation into the professional school, be certified by the appropriate state official, and apply to and be accepted by a cooperating professional school. Requests for certification early in the fall of the year preceding admission to the professional school are essential. State support and program participation are subject to change by legislative or administrative action.

These support programs include:
- WAMI, for medical school education
- Idaho Dental Education Program
- Washington-Oregon-Idaho Veterinary Medicine Regional Program
- WICHE, for occupational therapy, physical therapy, and optometry education.

For information on a particular program, see your advisor or the office of the Dean, College of Health Science.

Page 125 - PRE-VETERINARY

Change second paragraph, second line to read "average of at least 3.20... " (from 3.00).

Change fourth paragraph last sentence to read, "The 300 hours must be completed by November 1 of the year of application to WSU."

The asterisk remark following the Pre-Veterinary Medicine Suggested Program should be changed to read:
*To be taken as correspondence course through Washington State University.

Pre-Dental Hygiene

Replace introductory paragraph with the following:

This curriculum is designed for students interested in a professional career in Dental Hygiene. The program leads to a Bachelor of Science degree in Dental Hygiene. Students may take the first two years at BSU and apply to a professional school of dental hygiene for the junior and senior years. Students are advised to consult the Pre-Dental Hygiene advisor and pattern their curriculum at BSU after that of the specific school which they wish to attend for completion of their professional program.

Page 126 - PRE-PHARMACY

Replace the introductory paragraph with the following:

Education in pharmacy is generally comprised of two years of preprofessional studies and three years of professional studies at an accredited school of pharmacy. Students interested in this career may take the first two years of studies at BSU, and apply for admission to a professional school for completion of the professional program. Students are advised to consult the Pre-Pharmacy advisor and pattern their curriculum at BSU after that of the specific school which they wish to attend for completion of their program.
BSU CATALOG 1982-83, CUMULATIVE ADDENDUM

PRE-PHYSICAL THERAPY

Change phone number from 208/385-3281 to (208) 385-1996.

COLLEGE OF HEALTH SCIENCE, PART 7
GRADUATE COLLEGE, PART 8

PAGE 127 - PROGRAMS, AREAS OF EMPHASIS

GRADUATE SCHOOL

Change PROGRAMS AND AREAS OF EMPHASIS to:

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Science in Accounting, Master of Arts/Science in Education, Master of Public Administration.

AREAS OF EMPHASIS


The Master of Public Administration Degree Program has three areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

PAGE 133 - MBA CORE

Change MBA REQUIRED CORE COURSE OFFERINGS as follows:

GB 512 - to *DS 512 BUSINESS AND ITS ENVIRONMENT - PREREQ: DS 207, MG 301, IS 210 or equivalent courses.

GB 514 - to *DS 514 OPERATIONS RESEARCH METHODS FOR DECISION MAKING - PREREQ: Graduate standing, DS 207, IS 210 and MG 301 or equivalent courses.

*Student selects either DS 512 or DS 514.

FI 530 - remove Prerequisites.

PAGE 134 - COURSE CHANGES

Change: DP 542 to IS 542 COMPUTER APPLICATIONS FOR MANAGEMENT

DP 581 to IS 581 SELECTED TOPICS -- INFORMATION SYSTEMS.

FI 450G, change PREREQ: FI 303, DS 208 and FI 250.

MG 408G to DS 408G OPERATIONS MANAGEMENT - PREREQ: DS 208, 366, MG 301.

MG 409G to DS 409G DECISIONS ANALYSIS - PREREQ: DS 208, MG 301.

PAGES 134-137 - MASTER OF ARTS/SCI IN EDUCATION

Replace section starting with MASTER OF ARTS -- ELEMENTARY EDUCATION with the following:

MASTER OF ARTS OR SCIENCE IN EDUCATION

A Master's degree in Education with emphases in the subject areas of Art, Business Education, Earth Science, English, History, Math, Music, Curriculum & Instruction, Reading, Special Education and Early Childhood is presented through the Department of Teacher Education, the related subject department and the School of Education.

Application for admission to the graduate program in Education may be made at any time. It is recommended, however, that at least two months before the first enrollment, the Graduate Admissions Office will have received the application for admission, $10.00 matriculation fee and transcripts of all undergraduate and graduate work. The transcripts are to be sent directly to the Boise State University Graduate Admissions office by the Registrar of the college or university which the applicant previously attended.

Admission will be granted to applicants who hold a Bachelor's degree from an accredited college or university and who have some professional relationship to instruction. Candidates must show promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program for which they apply.

Applicants for regular status in the program must have maintained a GPA of at least 3.00 for the last two years of undergraduate study, or an overall GPA of 2.75. Provisional status may be
The Education Graduate Program provides two options for those selecting one of the following emphases: Curriculum and Instruction, Early Childhood, Reading or Special Education: Option I Thesis/Project and Option II Written Comprehensive Examination.

### OPTION I  
(Thesis/Project)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required of all candidates--Core program</td>
<td>9</td>
</tr>
<tr>
<td>Required of all candidates--Fundamentals of Educational Research for Teachers TE 551</td>
<td>3</td>
</tr>
<tr>
<td>Required of all candidates--Thesis-Project</td>
<td>6</td>
</tr>
<tr>
<td>Selected Electives and or Specific Requirements</td>
<td>15</td>
</tr>
<tr>
<td>A Thesis/Project, as mutually agreed upon by the Option I candidate and the committee, is required of the candidate. Selection of a thesis implies a research emphasis with a thesis format. Selection of a Project implies a Project directly related to instruction or some other aspect of an educational program.</td>
<td></td>
</tr>
</tbody>
</table>

### OPTION II  
(Comprehensive Examination)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required of all candidates--Core Program</td>
<td>9</td>
</tr>
<tr>
<td>Required of all candidates--One of the following: Fundamentals of Educ Research for Teachers TE 551</td>
<td>1-3</td>
</tr>
<tr>
<td>Interpreting Educational Research TE 565</td>
<td>1</td>
</tr>
<tr>
<td>Selected Electives and or Specific Requirements</td>
<td>23-21</td>
</tr>
<tr>
<td>(Thesis/Project not required)</td>
<td></td>
</tr>
<tr>
<td>Required of all candidates--A comprehensive written examination at the end of the coursework. This examination is to be tailored by each candidate's committee specifically for that candidate following guidelines established by the Department. After the candidate has written the examination, the committee will meet with the candidate to review and analyze the outcome of the examination and clarify the results prior to final approval or rejection.</td>
<td></td>
</tr>
<tr>
<td>Graduate Core for Curriculum and Instruction, Reading, Special Education and Early Childhood Education</td>
<td></td>
</tr>
<tr>
<td>Graduate Core - Issues in Education TE 570</td>
<td>3</td>
</tr>
<tr>
<td>Conflcting Values in Education TE 563</td>
<td>1</td>
</tr>
<tr>
<td>Elective courses (Select 2 from the following)</td>
<td>2</td>
</tr>
<tr>
<td>Creative Teaching-Secondary School TE 564</td>
<td>1</td>
</tr>
<tr>
<td>Interpreting Educational Research TE 565</td>
<td>1</td>
</tr>
<tr>
<td>Learning Theory and Classroom Instr. TE 566</td>
<td>1</td>
</tr>
<tr>
<td>Techniques of Classroom Management TE 568</td>
<td>1</td>
</tr>
<tr>
<td>Testing and Grading TE 569</td>
<td>1</td>
</tr>
<tr>
<td>Creative Teaching in Elementary School TE 573</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL CREDITS</td>
<td>9</td>
</tr>
</tbody>
</table>

Additional credits to the above will be determined by the respective departments.
1. Graduate Core .................................................. 9
2. Curriculum Planning and Implementation TE 581 .......... 3
3. Analysis and Improvement of Instruction TE 582 .......... 3
4. Content area courses ........................................... 9
5. Elective options (choose 1 or II, below) ....................... 9
   I. Thesis-Project Option
      Fundamentals of Educ Research for Teachers TE 551 .... 3
      Thesis-Project TE 591-593 ................................ 6

II. Comprehensive Written Examination Option
   Either
      Fundamentals of Educ Research for Teachers TE 551 .... 3
   Or
      Interpreting Educational Research TE 565 (taken as part of core) 1-3
      Electives .................................................. 6 or 9
      TOTAL CREDITS 33

 Required Courses:
1. Graduate Core .................................................. 9
2. Childhood Education-Research & Review TE 543 .......... 3
3. Program Development in Early Child Educ TE 548 ......... 3

 Selected Electives (6):
 Creativity in Early Childhood Education TE 545 ........ 3
 Diagnosis & Evaluation in Early Childhood Educ TE 546 .... 3
 Language Acquisition & Development in Early Child Educ TE 547 3

 I. Thesis-Project Option
 Fundamentals of Educ Research for Teachers .................. 3
 Thesis-Project TE 591-593 ................................ 6

II. Comprehensive Written Examination Option
 Either
 Fundamentals of Educ Research for Teachers TE 551 .... 3
 Or
 Interpreting Educational Research TE 565 (part of core) ........ 1-3
 Open Electives .................................................. 3-11
 TOTAL CREDITS 33

I. Special Education Emphasis for Severely Handicapped

 Required Courses:
1. Graduate Core .................................................. 9
2. Behavior Intervention Techniques TE 450G .................. 3
3. Remediation of Reading Problems TE 503 ................. 3
4. Individual Tests & Measurements TE 505 ................. 3

 Electives selected from courses listed below.
 Behavior Intervention Techniques TE 450G .................. 3
 Instructional Materials for the Exceptional Child TE 440 .... 3
 Remediation of Reading Problems TE 503 ................. 3
 Individual Tests & Measurements TE 505 ................. 3
 Physical Education in Special Education PE 594 ............ 2

II. Special Education Emphasis for Severely Handicapped

 Required Courses:
1. Graduate Core .................................................. 9
2. Behavior Intervention Techniques TE 450G .................. 3
3. Practicum in Special Education TE 590 ................... 3

 Electives selected from courses listed below.
 Teaching the Severely Handicapped TE 423G ............ 3
 Instructional Materials for the Exceptional Child TE 440 .... 3
 Child Behavior in Early Childhood Education TE 461 ......... 3

SPECIAL EDUCATION

For those Primarily Responsible for Elementary School Instruction

GRADUATE COLLEGE, PART 8
Curriculum in Early Childhood Education TE 462 ........ 3
Individual Tests & Measurements TE 505 ........ 3
Physical Education in Special Education PE 594 ... 2
Elective Options. Choose I or II below.

I. Thesis-Project Option
Fundamentals of Educ Research for Teachers TE 551 .... 3
Thesis-Project TE 591-593 .................................. 6
Electives ......................................................... 3

II. Comprehensive Written Exam Option
Fundamentals of Educ Research for Teachers TE 551 .... 3
Or
Interpreting Educational Research TE 565 ............... 1
Electives ......................................................... 9
Total Credits 34

For Those Primarily Responsible for Secondary School Instruction

III. Secondary Education Special Education Emphasis

Required Courses
Graduate Core ......................................................... 9
1. The Emotionally Disturbed Child in the Classroom TE 523 3
2. Teaching Skills for Remediation of Learning
   Disabled Students TE 515 .................................. 3
Development of Skills for Teaching Moderately or
Severely Handicapped ........................................... 3
Behavior Intervention Techniques TE 4500 ................. 3
Practicum in Special Education TE 590 ....................... 4
Electives .................................................................. 22

Individual Tests & Measurements TE 505 ........ 3
Internship in Secondary Special Education TE 594 .... 3
Directed Research in Secondary Special Education TE 596 . 3
Elective Options. Choose I or II below.

I. Thesis-Project Option
Fundamentals of Educ Research for Teachers TE 551 .... 3
Thesis-Project TE 591-593 .................................. 6
Electives ......................................................... 3

II. Comprehensive Written Exam Option

Graduate College, Part 8
BSU CATALOG 1982-83 CUMULATIVE ADDENDUM

Fundamentals of Educational Research for Teachers (TE 551) or Interpreting Educational Research (taken as part of 9 credit Core) TE 565 
Electives ........................................ 6 or 9

NOTE: Courses remain as in catalog except for following changes on page 138.

PAGE 138 - TE 582 (NEW COURSE) - ART EMPHASIS

Delete TE 567 TEACHING SUBJECT CONTENT THROUGH READING.
Add following new course:
TE 582 ANALYSIS AND IMPROVEMENT OF INSTRUCTION (3-0-3)(S). Techniques will be taught to help teachers assess their strengths and weaknesses and implement plans for self-improvement. Practice will be provided in using tools of analysis, which may include content analysis, Flander's Interaction Analysis System, student performance, and non-verbal behavior. Students will be required to develop and implement plans for improving the quality of instruction in their classrooms.

Change Master of Arts, Secondary Education to:

MASTER OF ARTS IN EDUCATION
Art Emphasis

1. The Master's Degree in Education, Art Education Emphasis, will be designed to meet the needs of the practicing junior high or high school art specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must ordinarily be currently certified as a school art specialist, agree to begin the process toward attaining this certification while working on the degree, or obtain a waiver through the Department of Education.

2. The following will be submitted to the Art Department Admissions Committee:
   a. The names and addresses of three art educators or professional persons who are acquainted with the student's academic qualifications to pursue graduate study.
   b. A minimum of twenty (20) slides or portfolio of recent art work.
   c. A statement of the student's professional objectives and philosophy of art education and how these will be furthered by graduate study.

3. Program areas of study are as follows:
   a. Required Courses:
      Art Appreciation in the Educational Program AR 501 3 credits
      Project AR 591 6 credits
      Or
      Thesis (or additional hours) AR 593 6 credits
      Education Core courses TE 570 6 credits
   b. Studio or Content: Six (6) credits in the studio. Studio concentration and emphasis will be determined by the student and his committee.
   c. Electives: The remainder of the student's work may be elected in relation to his background, interests, and professional objectives in consultation with his major advisor and committee.

NOTE: Courses remain as listed in Catalog.

PAGE 139 - BUSINESS EDUCATION EMPHASIS

Change MASTER OF ARTS-SECONDARY EDUCATION to:

MASTER OF ARTS IN EDUCATION
Business Education Emphasis

Admissions and Program

1. The master's degree program is designed to meet the needs of business teachers. Because of the large number of business courses offered at the secondary level and because of the unique 'delivery systems' at that level, the program is designed with the flexibility and breadth necessary to meet a wide range of needs of those students enrolling.

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet the admission requirements for the degree.
Before Advancement to Candidacy can be granted, the student must:

a. ordinarily show eligibility for certification by the State of Idaho (or any other state), and

b. have completed the following prerequisite courses or their equivalent:
   - Principles of Accounting ........................................... 6
   - Principles of Economics ............................................ 6
   - Business Law .......................................................... 3
   - Data Processing ....................................................... 3
   - Marketing ............................................................... 3

2. Program Requirements: A maximum of 14 credit hours may be taken from the School of Business courses (excluding the listed BE courses).

a. Graduate Core Courses (see page 134 for Core requirements) ........................................... 6

b. Business Courses ...................................................... 12 credits chosen from
   1) Business Education:
      - BE 511 Graduate Study in Business Education (required) ........................................... 3
      - BE 520 Curric & Inst in Shorthand, Transcrip., Off Proc ............................................ 3
      - BE 530 Curric & Inst in Type, Book-Acct & Data Proc ................................................. 3
      - BE 540 Curric & Inst in Basic Bus & Economics ............................................................... 3
      - BE 571 Organization and supervision of Business Education ............................................. 3
      - BE 596 Directed Research .......................................................... variable credit
      - BE 599 Workshop in Business Education ................................................................. 1-3
      - OA 501 Office Systems and Procedures ................................................................. 3
      - BE 441G Principles and Organ of Vocational Ed Programs ........................................... 3
      - BE 443G Admin & Coord of Cooperative Programs ..................................................... 3

2) Business Administration .... Minimum of 6 credits
   Chosen from MBA courses and/or "G" courses offered by Departments of Accounting, Economics, Information and Decision Sciences, Management, Marketing and Administrative Services, and Mathematics.

c. Free Electives ........................................................... 9

d. Option of:

   - Thesis--BE 593 ......................................................... 3-6
   - Project--BE 591 ......................................................... 3-6
   - Additional coursework .............................................. 3-6

3. Any approved 400-level "G" courses limited to 6 credits.

COURSE OFFERINGS

1. Required Courses:
   - TE 570 Graduate Core Courses ........................................... 6
   - Graduate Study in Business Education ......................................................... 3
   - BE 593 Thesis or BE 591 Project ......................................................... 3-6

The Department recommends a thesis or project. However, the option of additional hours in Business Education is available upon approval of the Committee Chairperson.

2. Elective Courses:

Additional courses as selected by the student and his graduate committee to meet program requirements.

ADDITIONAL INFORMATION

1. Culminating Activity and Examination. Students electing a thesis as a culminating activity will take an oral examination covering the thesis. Students electing additional course work will take a written and/or oral examination covering course work completed in their degree program.

2. While any Master of Business Administration course may be used in the requirement outline in 2.b.2), above, the following are considered courses most likely to be chosen:
   - GB 510 Business and its Environment
   - BE 512 Business Research and Communications
   - MK 520 Marketing Problems
   - AC 532 Accounting-planning and Control
   - AC 541 Human Resources Management
   - EC 560 Economics of Public Policy

For additional details contact Department Chairperson, Department of Marketing and Administrative Services, (208) 385-3451.

NOTE: Courses remain same as listed in the Catalog.
PAGE 140 - EARTH SCIENCE EMPHASIS

MASTER OF SCIENCE IN EDUCATION
Earth Science Emphasis

The curriculum for the Master of Science in Education, Earth Science emphasis, is intended to provide education for earth science teachers with the course offerings stressing current data and developments in the discipline. The planning, preparation, and conducting of laboratory investigations and outdoor field trip activities are emphasized. Because of the great variety of background of present secondary earth science teachers, the course offerings have been chosen and designed to allow maximum flexibility in planning individual programs. A preliminary examination, oral or written, will be administered to each candidate.

Required courses include TE 570, TE 563, GO 598 and a final thesis, project, or additional courses as determined by the committee. All other courses to be taken in the degree program are planned by the student and his graduate committee. A final comprehensive oral and/or written examination over course work and the thesis or project is required.

NOTE: Courses remain same as listed in the Catalog.

PAGE 140 - ENGLISH EMPHASIS

MASTER OF ARTS IN EDUCATION
English Emphasis

Applicants who have at least twelve semester credit hours of upper division work in English with a grade point of 3.0 in those courses and who meet general graduate school requirements will be accepted as regular graduate students. Students who do not have the required upper division English work will be admitted on a provisional basis and will be advised what steps to take to qualify for regular status.

PROGRAM REQUIREMENTS

The course of study for the Master of Education with an English emphasis will consist of at least nine hours of graduate English courses, a thesis or project six hours from the Education core, and nine hours of general graduate electives. At least nine hours of the English courses must be at the 500 level.

1. An introductory seminar, twelve hours of graduate English courses, a thesis or project six hours from the Education core, and nine hours of general graduate electives. At least nine hours of the English courses must be at the 500 level.
   - E-500 ........................................... 3
   - E-593 or E-595 .................................. 3-6
   - Graduate English electives (except E-501) .... 12
   - Graduate Core (TE 570) ........................ 6
   - General Graduate electives (may include E-501) 9
   Total: 33

2. An introductory seminar, fifteen hours of graduate English courses, six hours from the Education core, nine hours of general graduate electives and a written and oral examination on graduate English coursework. At least twelve hours of the English courses must be at the 500 level.
   - E-500 ........................................... 3
   - Graduate English electives (except E-501) .... 15
   - Graduate Core (TE 570) ........................ 6
   - General Graduate electives (may include E-501) 9
   - Examination on English coursework ............. Total 33

NOTE: Courses are as listed in the Catalog.

PAGE 141 - HISTORY EMPHASIS

MASTER OF ARTS IN EDUCATION
History Emphasis

ADMISSIONS

See specific information, page 134.

PROGRAM REQUIREMENTS

The Master of Arts in Education with a History emphasis will consist of a minimum of thirty-three hours planned by the student and his/her advisory committee from the following alternatives.

1. 33 hours with thesis
   - Education Core .................................. 6
   - History Emphasis ................................ 12
   - Free Electives ................................... 9
   - Thesis (defended orally) ......................... 6

GRADUATE COLLEGE, PART 8
Written examination covering course work taken in the History Department toward the degree.

2. 33 hour with project

   Education Core .................................................. 6
   History Emphasis .................................................. 15
   Free Electives ..................................................... 9
   Project ............................................................. 3
   Written or oral examination covering aspects of project
   and course work taken in the History Department toward
   the degree.

3. 36 hour

   Education Core .................................................. 6
   History Emphasis .................................................. 18
   Written examination covering course work taken in the
   History Department toward the degree

COURSE OFFERINGS

1. Required courses

   HY 500 Historians and Historical Interpretation .......... 3
   HY 502 Teaching History in the Secondary Schools ...... 3
   or
   HY 510-11 History of Western Thought ................. 3
   HY 520 Sources of American Values ....................... 3
   HY 580, 581, 582 Seminar .................................... 3
   TE 570 Graduate Core ........................................... 6

2. Elective courses

   Additional courses from History or allied fields as
   planned by the student and his/her graduate committee to
   meet program requirements.

3. Additional information

   a. Some students may be required to remove deficiencies
      before admission to candidacy. Students with strong
      undergraduate history may apply to challenge, waive,
      or replace parts of the emphasis requirements.
   b. Students electing a double emphasis will draw up
      their program in consultation with their committee.
   c. A maximum of six hours in 400G History courses may be
      substituted for seminar work in the History offerings.

NOTE: Courses are as listed in the catalog.

PAGE 142 - MATHEMATICS EMPHASIS

1. The Master of Science Education with a Mathematics emphasis may be obtained through any of the following three options.

   a. The 30-hour "examination option"
      - Graduate Core .................................................. 6
      - Mathematics sequence and seminar ........................ 9
      - One mathematics course exclusive of M 503, 504, or 561 .. 3
      - Mathematics electives ........................................ 6
      - A written examination over mathematics coursework
      - An oral examination over all coursework included in
        the student's program

   b. The 33-hour "project option"
      - Graduate Core .................................................. 6
      - Mathematics sequence, math seminar and M 591 .......... 12
      - Mathematics electives ........................................ 6
      - Free Electives ................................................ 9
      - A written examination over mathematics coursework

   c. The 33-hour "thesis option" is the same as the "pro-
      ject option" except that M 591 is replaced with M 593

2. Mathematics Requirements

   a. Required Courses
      - M 501, 502 Real Analysis I, II or M 541 ............. 6
      - M 542 Modern Algebra ...................................... 6
      - M 598 Seminar in Mathematics ............................ 3
   b. Elective courses - Additional courses from History or
      allied fields planned by the student and his/her
      graduate committee to meet program requirements.

3. Additional Information

   a. Credit in Workshop (594 or 599) is limited to a total
      of 3 credits to be applied to partial fulfillment of
      the requirements for the emphasis in Mathematics.
   b. Some students may be required to remove deficiencies
      before admission to candidacy. Students with strong
      undergraduate mathematics may apply to challenge,
      waive, or replace parts of the emphasis requirements.
NOTE: Courses are as listed in the catalog.

PAGE 142 - MUSIC EMPHASIS

MASTER OF ARTS IN EDUCATION
Music Emphasis

1. The Master's Degree in Education, Music Education emphasis, is designed to meet the needs of the practicing junior high or high school music specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must either be currently certified as a secondary school music specialist, or agree to begin the process toward attaining this certification while working on the degree. Before advancement to Candidacy can be granted, the student must ordinarily show eligibility for certification by the State of Idaho (or any other State). Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university, and give promise of meeting the standards set by the Music Department.

2. All regular and provisional graduate students will be required to take diagnostic examinations during the first part of their first semester in attendance. The purpose of these examinations is to determine the student's strengths and weaknesses so that the student and his committee will be able to set up a program according to the student's needs. The examinations will be in the areas of music education, music theory, music history and performance. The results of these examinations will be interpreted by the Music Department faculty. The student's advisor will consult with the student about action towards remedying any deficiencies. Any undergraduate course used to make up the deficiencies will not count toward the Master's Degree. A student who has any deficiencies will be granted Provisional Status only, in the graduate program; when all deficiencies are removed he may then seek Regular Status. A description of the material covered on these examinations is available from the Music Department.

COURSE OFFERINGS

1. Required Courses
   - MU 503 Introduction to Research Materials in Music Education .......................... 3
   - MU 570 New Developments in Music Education ............................................... 3
   - Culminating activity* or additional course work ..................................... 3-6
   - TE 570 Graduate Core courses ................................................................. 6
   - Total hours ........................................................................................................ 30-33

2. Elective Courses - Additional courses as planned by the student and his graduate committee.

* A thesis or final project.

NOTE: There are additional graduate level courses available that may be offered on special request by the departments of Biology and Chemistry. See the catalog for descriptions: B 431G, B 432G, B 433G, C 401G, C 411G, C 501, C 503, C 509, C 511, C 515.
ST SURGICAL TECHNOLOGY

ST 100 INTRODUCTION AND BASIC SCIENCES (3-0-3)(F). Includes modules: (1) The Health Care Team and its Language; (2) The Evolution of Asepsis; (3) Ethical Moral and Legal responsibilities; (4) The Operating Room Suite, (5) Principles of Asepsis; (6) Introduction to Pharmacology; (7) Introduction to Oncology; (8) Introduction to Treatment of Fractures; (9) Diagnostic Procedures.

ST 101 OPERATING ROOM TECHNIQUES (3-3-4)(F). Includes modules: (1) Safety and Economy in the Operating Room; (2) Duties of the Scrub and Circulating Technician; (3) The Surgical Hand Scrub, Gowning and Gloving; (4) Draping Techniques; (5) Sutures and Needles; (6) Sponges, Dressings, Drains, Care of Specimens; (7) Instruments and Special Equipment.

ST 102 STERILIZATION AND DISINFECTION (1-1-1)(F). Includes modules: (1) Introduction to Microbiology - The Microbe; (2) Introduction to Microbiology - The Body's Defenses; (3) Injury, Wound Healing and Hemostasis; (4) Infection - The Process, Prevention and Control; (5) Sterilization and Disinfection Methods.

ST 110 CARE OF THE SURGICAL PATIENT (3-3-4)(S). Includes modules: (1) The Patient; (2) Preparation of the Surgical Patient; (3) Transportation of the Surgical Patient; (4) Positioning the Surgical Patient; (5) Anesthesia; (6) Recovery Room and Emergency Room Care.

ST 111 SURGICAL PROCEDURES (6-4-8)(S). Includes modules: (1) General Surgical Procedures; (2) General Abdominal Procedures; (3) Orthopedic Surgery; (4) Obstetric and Gynecological Procedures; (5) Genitourinary and Transplant Surgery; (6) Plastic Surgery; (7) Ophthalmic Surgery; (8) Ear, Nose, Throat, Oral Surgery; (9) Neurosurgery; (10) Microsurgery; (11) Cardiovascular and Thoracic Surgery; (12) Pediatric and Geriatric Surgery. Each of the modules includes a brief history, procedures, special considerations and the drugs used.

ST 131 CLINICAL PRACTICE (2-6-3)(F). Includes patient care and beginning experience in the operating rooms, outpatient and central supply.

ST 132 ADVANCED CLINICAL PRACTICE (4-8-6)(S). Includes advanced experience in surgery, scrubbing, and circulating. PREREQ: ST 131.
The program has been accredited by the Joint Review on Education for the Surgical Technician, sponsored by the American Medical Association Council on Allied Health Education.

Change the Practical Nursing program to read:

PRACTICAL NURSING
11-Month Program

Delete the 4th paragraph and replace with the following:

ADMISSION

Entrance requirements: high school graduate or pass the General Educational Development Test. Satisfactory scores on the pre-entrance test, which is given by Boise State University. A complete medical examination is required. The applicant will be interviewed by a committee. Twenty-four students will be selected for the September and January programs and ten students selected for the Nampa program.

The courses will be offered at various times during the eleven months depending upon the admission date and the availability of clinical experiences. This curriculum represents 1500 contact hours which are the requirements of the Idaho State Board of Nursing.

A student must complete the following requirements to graduate from the program, except PN 118 and PN 119.*

SUBJECTS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>PN 101</td>
<td>Professional Concepts</td>
<td>4</td>
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<tr>
<td>PN 102</td>
<td>Anatomy and Physiology for Practical Nursing</td>
<td>3</td>
</tr>
<tr>
<td>PN 103</td>
<td>Medical-Surgical Nursing</td>
<td>13</td>
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<tr>
<td>PN 104</td>
<td>Medical-Surgical Nursing Clinical</td>
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<tr>
<td>PN 105</td>
<td>Nutrition and Diet Therapy</td>
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</tr>
<tr>
<td>PN 106</td>
<td>Emergency Nursing Concepts</td>
<td>2</td>
</tr>
<tr>
<td>PN 107</td>
<td>Pharmacology for Practical Nursing</td>
<td>1</td>
</tr>
<tr>
<td>PN 108</td>
<td>Pharmacology Clinical</td>
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<tr>
<td>PN 109</td>
<td>Geriatric Nursing</td>
<td>1</td>
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<tr>
<td>PN 110</td>
<td>Geriatric Clinical</td>
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</tr>
<tr>
<td>PN 111</td>
<td>Maternal and Child Health</td>
<td>2</td>
</tr>
<tr>
<td>PN 112</td>
<td>Maternal and Infant Clinical</td>
<td>3</td>
</tr>
<tr>
<td>PN 113</td>
<td>Pediatric Clinical</td>
<td>3</td>
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<tr>
<td>PN 114</td>
<td>Clinical Technique (Theory)</td>
<td>2</td>
</tr>
<tr>
<td>PN 115</td>
<td>Clinical Foundations</td>
<td>2</td>
</tr>
<tr>
<td>PN 116</td>
<td>Mental and Community Health</td>
<td>4</td>
</tr>
<tr>
<td>PN 262</td>
<td>Occupational Relations and Mental Illness</td>
<td>2</td>
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<tr>
<td>PN 117</td>
<td>Clinical Electives</td>
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<td>PN 118</td>
<td>Special Theory</td>
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<tr>
<td>PN 119</td>
<td>Special Clinical</td>
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</tr>
</tbody>
</table>

COURSE OFFERINGS

PN PRACTICAL NURSING (Courses offered Fall, Spring and Summer)
PN 116 MENTAL AND COMMUNITY HEALTH (1-0-1). A study of the health needs of the individual family and community, including the essentials of mental health.

PN 262 OCCUPATIONAL RELATIONS AND MENTAL ILLNESS. (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, obtaining and advancing in employment. Also includes a study of signs/symptoms of mental illness.

PN 117 CLINICAL ELECTIVES (-0-2-1). The student will gain clinical experiences in specialty area as arranged by the instructor.

PN 118 PRACTICAL NURSING SPECIAL THEORY (V-V-1 to 10). Designed to provide the opportunity for study of a specific unit of theory. The topic offered will be selected on the basis of an evaluation of needs of the individual. PREREQ: PERM/DEPT.

PN 119 PRACTICAL NURSING SPECIAL CLINICAL (V-V-1 to 10). Designed to provide the opportunity for specific clinical experience. The clinical offered will be selected on the basis of an evaluation of needs of the individual. PREREQ: PERM/DEPT.

PAGE 147 - MACHINE SHOP

MACHINE SHOP

Change title and first paragraph to read:

MACHINE SHOP TECHNOLOGY
Two Year Program

A specialized Machine Shop Technology program is provided for students desiring to become machine tool operators. Students receive instruction in the set-up and use of all basic machines including engine lathes, milling machines, planers, shapers, surface grinders, computer numerically controlled tape machines, and bench work connected with them. Students will also learn about the many different materials and processes used by industry. They will receive related technical instruction and practical experience in the use of various precision, measuring and testing equipment now being used by metals manufacturing industries.

PAGE 150 - SEMICONDUCTOR TECHNOLOGY (NEW)

Add new program under the Department of Light Technologies preceding Course Offerings ET--Electronic Technology:

SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION, PART 9

SEMICONDUCTOR TECHNOLOGY

The successful completion of ET 131-132 or Mathematics 111, or the equivalent is prerequisite for this major.

First Year
Course: 1st 2nd
General Physics PH 101-102 .................................. 4 4
College Chemistry C 131 ..................................... 3 -
Chemistry Lab C 132 ........................................ 1 -
Advanced Electronics Math ET 231-232 ................... 3 -
Communication Skills ET 111-112 .......................... 3 3
Intro to Digital Electronics ET 161 ........................... - 2
Intro to Integrated Circuit Industry ET 181 .............. 2 -
Intro to Integrated Circuit Processing ET 182 ............ 2 -
Integrated Circuit Processing I ET 183 .................. 3 -
*Elective .................................................. - 3
Total 18 18

Second Year
Digital Electronics ET 271-272 ............................... 3 3
Digital Systems Design ET 282 ............................... - 3
Solid State Device Physics .................................. 3 -
Integrated Circuit Layout ET 281 ........................... - 2
Electronics Theory I ET 151 ................................. 5 -
Electronics Theory II ET 152 ............................... - 5
Circuit Analysis ET 171-172 ................................. 3 -
Intro to Solid State Physics ET 291 ....................... 3 -
*Elective .................................................. - 3
Total 17 19

*The electives shall be selected from the areas of Business, Economics, and/or Human Relations.

Total number of credit hours: 72

Add to COURSE OFFERINGS ET--ELECTRONIC TECHNOLOGY the following:

ET 181 INTRODUCTION TO INTEGRATED CIRCUIT INDUSTRY (2-0-2)(F).
Overview of the integrated circuit: its history, applications, and manufacturing. Course will cover technical aspects lightly and will focus on economic and social impact. PREREQ: ET 131-132, or M 111 or equivalent.

ET 182 INTRODUCTION TO INTEGRATED CIRCUIT PROCESSING (2-0-2)(F).
Examination of the manufacturing techniques and processes necessary to build an integrated circuit from raw materials to final products. The emphasis is on conceptual aspects of processing; however, mechanisms and modeling will be discussed. PREREQ: ET 131-132 or M 111 or the equivalent.

ET 183 INTEGRATED CIRCUIT PROCESSING I (2-0-2)(S). A descriptive treatment, in some chemical and mathematical detail, of the proc-
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- ''''loi •
- ~-,-
- Bsu Catalog 1982-83 Cumulative Addendum

ET 281 Integrated Circuit Layout (2-0-2)(S). Lecture and drafting techniques used in the design of integrated circuit photolithographic masks. Focus to be on N-MOS silicon gate memory devices. PREREQ: ET 183.

ET 291 Introduction to Solid State Physics (3-0-3)(S). A study of the interaction of wave phenomena (electromagnetic radiation, lattice vibration, and electrons) with the lattice in a solid. Attention is focused on an understanding of the electrical and thermal properties of solids, metals and semiconductors, in particular. Other selected topics from solid state and low temperature physics. PREREQ: PH 102 or PH 220-224.

ET 292 Solid State Device Physics (3-0-3)(S). Introduction to the theory underlying the operation of semiconductor devices. The emphasis is placed on qualitative understanding and simple quantitative models. PREREQ: PH 291, ET 231 or M 204, C 131.

PAGE 151 - AUTOMOTIVE MECHANICS

Change the Automotive Mechanics Program to the following:

AUTOMOTIVE MECHANICS
11-Month Program

The program is designed to provide students with classroom and laboratory experiences that will prepare them for employment in new car dealerships or independent garages. The proper use of diagnostic equipment and shop machine tools are emphasized.

SUBJECTS

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td>Auto Mechanics Tune-up and Drive Train</td>
<td>AM 105</td>
<td>14</td>
<td>-</td>
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<tr>
<td>Auto Mechanics Engine and Brakes</td>
<td>AM 106</td>
<td>-</td>
<td>16</td>
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<tr>
<td>Auto Mechanics Front End and Air Conditioning</td>
<td>AM 107</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Occupational Relations</td>
<td>AM 262</td>
<td>2</td>
<td>16</td>
</tr>
</tbody>
</table>

COURSE OFFERINGS

AM AUTO MECHANICS

AM 105 AUTO MECHANICS TUNE-UP AND DRIVE TRAIN (10-20-14)(F). This course covers basic electricity, carburetion, ignition systems, generator testing, alternator rebuilding and testing, emission testing, starter rebuilding, automatic and standard transmissions, rear axles, and universal joint replacement.

AM 106 AUTO MECHANICS ENGINE AND BRAKES (10-20-16)(S). This course covers disassembly of engines, measurement of wear, and rebuilding procedures. Braking systems are studied with emphasis on shoe replacement, drum and rotor machining, and rebuilding of wheel and master cylinders.

AM 107 AUTO MECHANICS FRONT END AND AIR CONDITIONING (10-20-16)(Su). Front ends are checked for wear and rebuilt as necessary. Alignment of wheels is checked and corrected as required. In the Air Conditioning section, students are taught diagnosis of air conditioning problems, replacement of components, and evacuation and recharging with suitable refrigerant.

AM 262 OCCUPATIONAL RELATIONS (2-0-2)(F). Course designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining, and advancing in employment. One semester course.

PAGE 153 - HORTICULTURE SERVICE TECHNICIAN

Add to course Offerings for HO HORTICULTURE SERVICE TECHNICIAN:

HO 242 RELATED SCIENCE (2-0-2). Developing comprehension of the scientific principles utilized in power equipment, lawn and shrub maintenance, plant wounds, and basic first aid.

HO 251 HORTICULTURE THEORY (0-7-5). Landscape maintenance. Plant identification and uses, landscape design, turf management, and shade tree identification and installation.

HO 252 HORTICULTURE THEORY (0-7-5). Horticulture power machines and maintenance of tillers, mowers, shredders, construction design, nursery production, and garden center management.

HO 262 OCCUPATIONAL RELATIONS (2-0-2). Course is designed to enable a student to become skilled in dealing effectively with people and for applying, getting, maintaining, and advancing in employment. One semester course.

HO 271 INDIVIDUAL PROJECTS (5-0-3). Providing the opportunity for the student to apply all his prior education in planning, developing, and completing a unique, practical horticulture project.

School of Vocational-Technical Education, Part 9

63
PAGE 153-154 - FASHION MERCHANDISING (DELETED)

FASHION MERCHANDISING - MID-MANAGEMENT

Delete - program has been discontinued.

NOTE: The Marketing-Mid-Management program is also listed in Part 5 of the Catalog, under the School of Business.

OFFICE OCCUPATIONS

Replace Options: with the following: follows:

SECRETARY - 2 Semesters

<table>
<thead>
<tr>
<th>Course Description</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
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<tbody>
<tr>
<td>Business Math-Machines of 118</td>
<td>4</td>
<td>-</td>
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<tr>
<td>Business Communications of 110</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Business Writing of 120</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Typing I, II or III or 102, 103, or 104</td>
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<td>4</td>
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<tr>
<td>Word Processing of 114</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Record Keeping of 116</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Filing &amp; Records Management of 112</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Shorthand, Beg, Inter, or Adv of 121, 122, 123</td>
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<td>4</td>
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<tr>
<td>Shorthand Lab, Begin or Intermed of 115, 117</td>
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<td>21</td>
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</table>

CLERK-TYPIST - 2 semesters

<table>
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<tr>
<th>Course Description</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
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<tbody>
<tr>
<td>Business Math-Machines of 118</td>
<td>4</td>
<td>-</td>
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<tr>
<td>Business Communications of 110</td>
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<td>Business Writing of 120</td>
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<tr>
<td>Typing I, II, or III or 102, 103, or 104</td>
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<tr>
<td>Word Processing of 114</td>
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<tr>
<td>Record Keeping of 116</td>
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<tr>
<td>Filing &amp; Records Management of 112</td>
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CLERK-GENERAL OFFICE - 2 semesters

<table>
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<tr>
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<th>1st SEM</th>
<th>2nd SEM</th>
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</thead>
<tbody>
<tr>
<td>Business Math-Machines of 118</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Business Communications of 110</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Business Writing of 120</td>
<td>-</td>
<td>5</td>
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<tr>
<td>Typing I, II, or III or 102, 103, or 104</td>
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<tr>
<td>Word Processing of 114</td>
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<td>-</td>
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<tr>
<td>Record Keeping of 116</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Filing &amp; Records Management of 112</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Bookkeeping I of 100</td>
<td>5</td>
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</tbody>
</table>

OF 100 BOOKKEEPING I (3-4-5-)(F). Covers the entire bookkeeping cycle for sole proprietorship bookkeeping. Includes journalizing, posting, financial statements, payroll, and closing procedures.

OF 101 BOOKKEEPING II (3-4-5-)(S). Covers the entire bookkeeping cycle for a corporation. Includes the use of special journals, cash register system, sales, taxes, uncollectable accounts, depreciation, disposal of plant assets, notes, accruals, partnerships, and corporations.

OF 102 TYPING (2-8-4)(F). Theory and keyboard operations on the typewriter with application for personal or business use. Developing/measuring basic skills.

OF 103 TYPING II (2-8-4)(FS). Review of typing fundamentals for developing speed and accuracy with applications of these skills for business use. Measuring basic/production skills.

OF 104 TYPING III (2-8-4)(FS). Continued study of typewriting procedures to develop speed and accuracy in office applications. Measuring basic/production skills.

OF 110 BUSINESS COMMUNICATIONS (5-0-5)(F). Emphasis on developing grammar skills such as parts of speech, punctuation, capitalization, spelling, and vocabulary skills.

OF 111 TYPING (1-8-1)(F/S). Designed to provide fundamental training in records management so students will be able to meet entry-level records management needs of business. At conclusion of the course, students will have learned to handle all types of correspondence and forms most frequently found in modern offices. They also will have had experience with the four filing methods: alphabetic, numeric, subject, and geographic.

OF 114 WORD PROCESSING (2-3-3)(S). The development of speed and accuracy in machine transcription by using programmed tapes and simulated office work experience. Student will learn to transcribe from machine letters, transcripts, memos, reports and statistical tables. Also included is the development of skills using memory typewriter and other up-to-date work processing equipment. Emphasis is placed on creation, storage, and retrieval of typed material.

OF 115 SHORTHAND II LAB (0-2-1)(F/S). Open lab to be used in conjunction with OF 122.

OF 116 RECORD KEEPING (2-3-4) (F/S). Fundamental operations of bookkeeping concepts. Develops skills and knowledge that students can use in simple clerical office jobs in which bookkeeping is involved.
OF 117 BEGINNING SHORTHAND LAB (0-2-1)(F). Open lab to be used in conjunction with OF 121.

OF 118 BUSINESS MATH/MACHINES (3-2-4)(F/S). Fundamental operations of arithmetic in business usage. Decimals, fractions, percentages, interest discounts, markup, installment buying, depreciation. Student will learn the touch system using the electronic printing calculator.

OF 120 BUSINESS WRITING (5-0-5)(S). Designed to emphasize the building of a foundation in effective business writing principles. Preparation of a variety of business letters is required.

OF 121 SHORTHAND I (5-0-4)(F). A beginning course in Gregg Shorthand. Emphasis is placed on theory, writing skill, vocabulary development. PREREQ: Demonstrated proficiency in typewriting or current enrollment in typewriting.

OF 122 SHORTHAND II (5-0-4)(F/S). Review of shorthand theory with emphasis on dictation and transcription to improve speed and accuracy. PREREQ: OF 121 or advanced placement through proficiency exam.

OF 123 SHORTHAND III (5-0-4) (F/S). Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. PREREQ: OF 122 or advanced placement through proficiency exam.

OF 124 CONSUMER EDUCATION (3-0-3)(F). A course that emphasizes knowledge in several business areas as well as encouraging personal development. This course includes units in consumer credit, consumer rights and responsibilities, buying goods and services, nutrition, proper budgeting and money management.

This completes the Cumulative Addendum.
ELI;:H \hspace{1cm} DEPART\'\:ITT \hspace{1cm} CURRICUL\:M \hspace{1cm} CH\:NGE\:REQUEST

PROPOS\:L: To correct and clarify the catalog listing for the General Option English major.

CURRENT CATALOG LISTING:

3. General Option
   a. Completion of 53 credits in English or Linguistics not to include E 101 and E 102 or E 111H and E 112H, 38 credits of which must be upper division.
   1. At least fifteen credits in British Literature, not to include E 355, E 369, or E 487.
   2. No more than nine credits in special topics courses in English or Linguistics.
   b. Under this option the following emphases are offered:
      1. General Option, British Literature Emphasis
         a. Specific Courses
            1. Survey of British Literature E 240 and E 260 . 6
            2. Shakespeare E 345 or E 346 . 3
         b. Area Requirements
            1. Pre-1800 British Literature courses numbered from E 340 to E 359 . 12
            2. Post-1800 British Literature courses numbered from E 380 to E 389 . 6
            3. British History HY 311, HY 312, HY 432, HY 338 . 3
            4. Upper-division elective in British, American, or British and American Literature . 17
      2. General Option, American Literature Emphasis
         a. Specific Courses
            1. Survey of American Literature E 271 and E 272 . 6
            2. Shakespeare E 345 or E 346 . 3
            3. E 577, American Renaissance . 3
            4. E 376, American Realism . 3
            5. E 384, Literature of the American West . 3
            6. E 390, Folktore . 3
         b. Area Requirements
            1. Modern British and American Literature E 385, E 389, or E 487 . 3
            2. Lower-division literature courses numbered from E 211, E 213, E 217, E 240, or E 260 . 9
            3. PO 331, American Political Theory . 3
            4. AN 102, Cultural Anthropology . 3
            5. U.S. History HY 151, HY 152, HY 354, HY 355, HY 356, HY 358, HY 359 . 3
            6. Upper-division electives in Literature or Linguistics . 20
      3. General Option, World Literature Emphasis
         a. Specific Courses
            1. E 215, Far Eastern Literature . 3
            2. Western World Literature E 230 and E 235 . 6
            3. 19th and 20th Century Continental Literature E 336 and E 338 . 6
            4. E 341, Medieval Epics and Romances . 3
            5. Shakespeare E 345 or E 346 . 3
            6. E 390, Folktore . 3
            7. E 393, History of Literary Criticism . 3
         b. Area Requirements
            1. Lower-division literature courses E 211, E 213, E 217, E 240, E 260, E 271, E 272 . 6
            2. History other than U.S. or British history courses . 6
            3. World Drama TA 341, TA 342, TA 343, TAK 445 . 3
            4. British Literature courses numbered from E 340 to E 369 . 9
            5. Upper-division electives in Literature or Linguistics . 11
   4. General Option, Linguistics Emphasis
      a. Specific Courses
         1. LI 305, Introduction to Linguistics . 3
         2. LI 307, Applied English Linguistics . 3
         3. LI 309, History of the English Language . 3
         4. LI 405, Modern English Structure . 3
         5. LI 407, Applied Linguistics in Teaching ESL . 3
         6. E 493, ESL Internship . 3
      b. Area Requirements
         1. Old or Middle English language and Literature (E 340, for example) or a foreign literature read in the original language . 3
         2. One year of a foreign language . 4
         3. AN 102, Cultural Anthropology or a second year of a foreign language or one year of a second foreign language . 3 or 4
         4. Upper-division literature . 11
   5. General Option, Writing Emphasis
      a. Specific Courses
         1. E 201, Advanced Expository Composition . 3
         2. E 202, Technical Writing . 3
         3. E 401, Advanced Writing . 3
         4. E 493, Writing Internship . 3
      b. Area Requirements
         1. Creative Writing E 205, E 206, E 305, E 306 . 6
         2. Linguistics LI 305, LI 307, LI 309, LI 405 . 6
         3. Related fields P 341, PY 247, HY 210, CM 471, CM 473, CM 474 . 9
         4. Lower-division literature electives . 3-9
         5. British Literature courses numbered from E 340 to E 369 . 15
         6. Upper-division electives in Literature or Linguistics . 5-11

PROPOSED CATALOG LISTING:* 

3. General Option
   a. General Option without specific area of emphasis
      1. Completion of 53 credits in English or Linguistics excluding E 101 and E 102 or E 111H and E 112H.
      (a) of these credits, 38 must be upper division, including E 493, Senior Seminar.

*See last page.
(b) Of these credits, 15 must be in English Literature, excluding E385, E389, and E487.

(2) No more than 9 credits may be in special topics courses in English or Linguistics.

b. General Option, American Literature emphasis

(1) Specific courses:
   (a) Survey of American Literature, E271 and E272 6
   (b) Shakespeare, E345 or E346 3
   (c) American Renaissance, E377 3
   (d) American Realism, E378 3
   (e) Literature of the American West, E384 3
   (f) Folklore, E390 3
   (g) Senior Seminar, E498 2

(2) Area requirements:
   (a) Modern British and American Literature, E385, E389, or E487 3
   (b) Lower division literature courses, E211, E213, E217, E219, E240, or E260 9
   (c) Upper division electives in Literature or Linguistics 18
   (d) American Political Theory, PO331 3
   (e) Cultural Anthropology, AN102 (satisfies Area II core requirement) 3
   (f) U. S. History, HY151, HY152, HY354, HY355, HY356, HY358, or HY359 3

C. General Option, British Literature emphasis

(1) Specific courses:
   (a) Survey of British Literature, E240 and E260 6
   (b) Shakespeare, E345 or E346 3
   (c) Senior Seminar, E498 2

(2) Area requirements:
   (a) Pre-1800 British Literature, courses numbered from E340 through E359 12
   (b) Post-1800 British Literature, courses numbered from E360 through E369 6
   (c) Electives in British, American, or British and American Literature, 15 credits of which must be upper division 24
   (d) British History, HY311, HY312, HY338, or HY432 3

D. General Option, Linguistics emphasis

(1) Specific courses:
   (a) Introduction to Linguistics, LI305 3
   (b) Applied English Linguistics, LI307 3
   (c) History of the English Language, LI309 3
   (d) Modern English Structure, LI405 3
   (e) Applied Linguistics in Teaching ESL 3
   (f) ESL Internship, E493 3
   (g) Senior Seminar, E498 2

(2) Area requirements:
   (a) Old or Middle English Language and Literature (E340, for example) or a foreign literature read in the original language 3
(b) Electives in literature, lower division or upper division 15
(c) Upper division electives in literature, 12 of which must be British Literature 15
(d) One year of a foreign language 6-8
(e) A second year of a foreign language or one year of a second foreign language 6-8
(f) Cultural Anthropology, AN102 (satisfies Area II core requirement) 3

e. General Option, World Literature emphasis

(1) Specific courses:
   (a) Far Eastern Literature, E215 3
   (b) Western World Literature, E230 and E235 6
   (c) 19th and 20th Century Continental Literature, E336 and E338 6
   (d) Medieval Epics and Romances, E341 3
   (e) Shakespeare, E345 or E346 3
   (f) Folklore, E390 3
   (g) History of Literary Criticism, E393 3
   (h) Senior Seminar, E498 2

(2) Area requirements:
   (a) Lower division literature courses, E211, E213, E217, E240, E260, E271, or E272 6
   (b) British Literature, courses numbered from E340 through E369 9
   (c) Upper division electives in Literature or Linguistics 9
   (d) World Drama, TA341, TA342, TA343, or TA445 3
   (e) History, other than U. S. or British 6

f. General Option, Writing emphasis

(1) Specific courses:
   (a) Advanced Expository Composition, E201 3
   (b) Technical Writing, E202 3
   (c) Advanced Writing, E401 3
   (d) Writing Internship, E493 3
   (f) Senior Seminar, E498 2

(2) Area requirements:
   (a) Creative Writing, E205, E206, E305, or E306 6
   (b) Linguistics, LI305, LI307, LI309, or LI405 6
   (c) Lower division literature electives, not to exceed 15 credits total for completed option 3-9
   (d) British Literature, courses numbered from E340 through E369 15
   (e) Upper division electives in Literature or Linguistics 3-9
   (f) Electives from related fields, CM471, CM473, CM474, HY210, P341, or PY247 9

JUSTIFICATION: The current catalog listing contains several errors and omissions that lessens its usefulness as an aid to planning and advising. For example, some students have not understood that they could select the General Option without a specific
area of emphasis, for it is not listed as parallel to the five specific areas of emphasis. Others were misled into thinking that they were not required to take the Senior Seminar, E498, to graduate under the General Option, since it was not designated by name. Typographical errors led some students taking the British Literature emphasis to think that they could complete their degree with a total of 47 lower and upper division hours in their major. The same problem arose because of the 36 hours listed under the Linguistics emphasis. To further clarify the intent of the Linguistics emphasis, the department has decided to specify Cultural Anthropology, AN102, as a requirement rather than to make it one part of a one-or two-out-of-three option.

Other changes involve arranging the specific areas of emphasis in alphabetical order and listing all English and Linguistics requirements and electives before listing courses from other fields.

PROJECTED ENROLLMENT: No change.

RESOURCES REQUIRED: No change.

LIBRARY RESOURCES VERIFICATION: No change.

IMPLEMENTATION DATE: Fall, 1983.
LISTING OF SPECIFIC CORRECTIONS AND CLARIFICATIONS:

1. The General Option without specific area of emphasis was made parallel to the listings of the specific emphases. (Original, 3, changed to 3, a.)

2. E498, Senior Seminar, was listed as an explicit requirement rather than as an implied one for each area of emphasis.

3. For the British Literature emphasis, the number of elective credits in Literature and Linguistics was corrected from 17 to 24 hours and stated so as to include lower division courses. This clarifies the total number of hours in Literature and Linguistics required for the emphasis (53). (Original, 1, b, 4, changed in c, (2), (c).)

4. For the Linguistics emphasis, the number of elective credits in Literature was corrected from 11 to 30 and stated so as to include lower division courses. This clarifies the total number of hours in Literature required for the emphasis. (Original, 4, b, 4, changed in d, (2), (b) and (c).)

5. For the Linguistics emphasis, the number of hours for the first foreign language was corrected from 4 to 6 or 8. (Original, 4, b, 2, changed in d, (2), (d).)

6. For the Linguistics emphasis, the number of hours for the second foreign language or the second year of the first foreign language was corrected from 4 to 6 or 8. (Original, 4, b, 3, changed in d, (2), (e).)

7. For the Linguistics emphasis, AN102, Cultural Anthropology, was designated as a requirement rather than being listed as an optional means of fulfilling a requirement. (Original, 4, b, 3, changed in d, (2), (f).)

8. For the Writing emphasis, the total number of allowable lower division Literature or Linguistics hours was specified to be a total of 15, as required for the emphasis. (Original, 5, b, 4, changed in f, (2), (c).)

9. For the Writing emphasis, the number of upper division Literature and Linguistics elective hours was corrected from 5-11 to 3-9. This clarifies to total number of hours in Literature and Linguistics required for the emphasis. (Original, 5, b, 6, changed in f, (2), (e).)