The purpose of the Boise State Bulletin, Catalog Issue is to provide current, articulate and accurate information about Boise State College for the guidance of prospective students, for faculty and administrative officers, for students currently enrolled, and for other education or allied agencies.

While every effort is made to insure that the information is current and accurate, the provisions of this publication are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provision, requirement or course offering at any time within the student's term of attendance.

Cover and Design by James S. Hewitt

Photographs by Frank Carr of the BSC News Bureau

Catalog Editor: Herbert W. Runner
1. The Towers
   (Towers nearby are for future expansion)
2. Health
3. Married Student Housing
4. Campus School
5. Science
6. School of Business
7. Administration
8. Library-Learning Center
9. Liberal Arts
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NOTE: The admissions policy at Boise State and other general policies in all of its programs, as well as its personnel employment practices, operate under a philosophy that no person shall on the ground of race, color, sex, or national origin, be excluded from consideration, participation, be denied the benefits of, or be subjected to discrimination in any activity. Boise State College is an equal opportunity institution.
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SUMMER SESSION 1973

June 9, Saturday, 9 a.m.-1 p.m. Registration in Gymnasium
June 11, Monday Graduate 8-week session until August 3
June 11, Monday First 5-week session until July 13
July 16, Monday Second 5-week session until August 17

FALL SEMESTER 1973

August 17, Friday Last date for full time students to complete all admission requirements. (Students who complete requirements after this date will be charged a late fee and scheduled after regular registration times.)
August 27, Monday Department Chairman Meeting (by school); Faculty Orientation; All Faculty on Duty
August 28, Tuesday 1:00 p.m. Pre-registration Counseling in Advisors' Offices for Graduates, Seniors, Juniors, Sophomores
10:00 a.m.-4:00 p.m.
August 29, Wednesday 8:00 a.m.-4:00 p.m.
8:00 a.m.-4:00 p.m. Late ACT Test; Foreign Language Placement Test; New Student Orientation & Group Counseling; Pre-registration Counseling in Advisors' Offices for Freshmen and New Students
August 30, Thursday Registration by Schedule for Seniors, Juniors, Sophomores and Graduate Students; Pre-registration Counseling in the Advisors' Pool
August 31, Friday Registration by Schedule for Freshmen; Pre-registration Counseling in the Advisors' Pool
August 31, Friday Open Registration 7:00-9:00 p.m.
September 1, Saturday Open Registration 9 a.m. to noon
September 4, Tuesday Classes begin
September 10, Monday Last day to register late and for adding new courses for credit; Last day to change from Audit to Credit
September 29, Saturday Parents Day
October 20, Saturday Homecoming
October 26, Friday Last day for withdrawal without penalty for failing work; Last date for removing incompletes for previous semester; End of Mid-Semester Examinations; Last Day to File Application with Department for Final Master's Written Examination
October 27, Saturday Graduate Record Examination (L215)
8:30 a.m.-12:00 noon
November 2, Friday Last day to file application with department for admission to Candidacy and Graduation for Master's Degree
November 10, Saturday Final Written Examination for Master's Degree
November 12, Monday Veterans Day (Holiday)
November 17, Saturday Last day to submit final copy of thesis and projects with department
November 22, Thursday Thanksgiving Day (Holiday)
November 23, Friday Institutional Holiday
November 26, Monday Classes resume
November 26, Monday Last Date to Withdraw from Classes
December 1, Saturday Last date for final oral examinations in defense of Thesis and Applied Projects for Master's Degrees
December 14, Friday Classroom Instruction Ends
December 17-20, Monday Semester Examinations through Thursday
December 20, Thursday Christmas Vacation (5:00 p.m.); Residence Halls Close (6:00 p.m.)
SPRING SEMESTER 1974

January 2, Tuesday .................................. Last date for full time students to complete admission requirements. (Students who complete requirements after this date will be charged a late registration fee and scheduled after regular registration times.)

January 7, Monday .................................. Department Chairmen Meetings (by school); Faculty Orientation; All Faculty on Duty

January 8, Tuesday .................................. Residence Halls Open

January 8, Tuesday .................................. Pre-registration Counseling in Advisors' Offices for Graduates, Seniors, Juniors, Sophomores; Late ACT Test; Foreign Language Placement Test

January 9, Wednesday .............................. New Student Orientation and Group Counseling; Pre-registration Counseling in Advisors' Offices for Freshmen and New Students

January 10, Thursday .................................. Registration by Schedule for Seniors, Juniors, Sophomores and Graduate Students;

January 11, Friday .................................. Pre-registration Counseling in the Advisors' Pool

January 11, Friday .................................. Registration by Schedule for Freshmen; Pre-registration Counseling in the Advisors' Pool

January 12, Saturday .................................. Open Registration

January 14, Monday .................................. Classes Begin

January 18, Friday .................................. Last day to register late and for adding new courses for credit; Last day to change from audit to credit

January 19, Saturday .............................. Graduate Record Examination (L215)

February 18, Monday .............................. Washington's Birthday (Holiday)

March 15, Friday .................................. End of mid-semester examinations; Last date for removal of incompletes for previous semester; Last date to withdraw without penalty for failing work; last date to file application with Department for final Masters' written examination

March 15, Friday .................................. Spring Vacation until March 25

March 29, Friday .................................. Classes Resume

April 13, Saturday .................................. Final Written Examination for Masters' Degree

April 20, Saturday .................................. Last date to submit final copy of thesis and projects with department

April 25, Thursday .................................. Last date to withdraw from classes; Last date for final oral examinations in defense of thesis and applied projects

May 10, Friday .................................. Classroom Instruction Ends

May 13-16, Monday .................................. Semester Examinations through Thursday

May 16, Thursday .................................. Residence Halls Close

May 19, Sunday .................................. Commencement

SUMMER SESSION 1974

June 8, Saturday .................................. Registration in Gymnasium

June 10, Monday .................................. Graduate 8-week session until August

June 10, Monday .................................. First 5-week session until July 12

June 15, Saturday 8:30-12:00 noon ................ Graduate Record Examination

July 15, Monday .................................. Second 5-week session until August 16
Calendar Highlights for New Students

FALL '73  SPRING '74

Last date to complete all admission requirements ........................................ 8/17/73  1/2/74
Late ACT Test ................................................................................ 8/29/73  1/8/74
Foreign Language Placement Test ....................................................... 8/29/73  1/8/74
New student orientation and group counseling .............................. 8/29/73  1/9/74

Pre-registration counseling—Advisors office ........................................ 8/28/73  1/8/74
—Advisors pool ......................................................................... 8/29/73  1/9/74
—Gymnasium (open registration) ..................................................... 8/30/73  1/10/74

Registration for all but Freshmen ...................................................... 8/31/73  1/11/74
Registration for Freshmen ................................................................. 9/10/73  1/18/74

Last day to register late and for adding new classes for credit .... 10/26/73  3/19/74
Last day for withdrawal without penalty for failing work .................. 10/26/73  3/19/74
Last day for removing incompletes from previous semester .......... 10/26/73  3/19/74
End of mid-semester examinations .................................................. 10/26/73  3/19/74
Last day to withdraw from classes ................................................... 11/26/73  4/25/74

Calendar Highlights for Dormitory Residents

FALL SEMESTER 1973

Residence halls open ........................................................................ 1:00 p.m., Tuesday, August 28, 1973
Second payment due if deferred payment plan is used ...................... Thursday, November 1, 1973
Thanksgiving vacation (Food service not available but dormitories open) November 22-25, 1973
Residence halls close ..................................................................... 6:00 p.m., December 20, 1973

SPRING SEMESTER 1974

Residence halls open ........................................................................ 1:00 p.m., Tuesday, January 8, 1974
Final payment due if deferred payment plan is used ...................... Friday, March 1, 1974
Spring vacation .............................................................................. March 16-24, 1974
Residence halls close ..................................................................... 6:00 p.m., Thursday, May 16, 1974

Calendar Highlights for Graduate Students

SUMMER '73  FALL '73  SPRING '74  SUMMER '74

Registration ................................................................. 6/9/73  8/30/73  1/10/74  6/8/74
Last date to file application with department for final ... 7/6/73  10/26/73  3/15/74  7/5/74
    Master's written examination .............................................. 10/5/73  2/19/74  6/21/74
Last date to file application for admission to candidacy and graduation for Master's degree 6/22/73  10/5/73  2/19/74  6/21/74
Final written examination for Master's degree 7/12/73  11/10/73  4/10/74  7/20/74
Last date to submit final copy of thesis and projects in Graduate School 7/28/73  11/17/73  4/20/74  7/27/74
Last date for final oral examinations in defense of thesis and applied projects 8/4/73  12/1/73  4/25/74  8/3/74
PART I

general information
BOISE STATE COLLEGE

General Information

The foundation for Boise State was laid in 1932. The institution advanced for many years as a public institution financed by a local tax district. Since 1969, when Boise State entered the state system of higher education, significant progress has been made in the development of the campus facilities for instruction, research, and service to Idaho publics.

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 education and business administration.

The college has an extensive late afternoon and evening 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 evening school therefore provides many opportunities for professional and technical upgrading and retraining to the citizens of the Treasure Valley.

Boise State College Today

The modern and efficient plant which is the campus of Boise State College today is composed of some twenty-five buildings. Many were built within the last few years and the oldest, the administration building which is still the heart of the campus, was erected in 1940.

The attractive campus is in an urban setting with many trees and expansive lawns, with the Boise River and Julia Davis Park on one side and residential areas on the other. Parking lots at either end of the campus insure adequate parking with only a short walk to classes. The plan of the campus including parking areas and the names of the various buildings can be found on the Campus Guide in the front part of the catalog.

Boise State has become a center for cultural activities and in turn benefits from its location and position in the capital city which is also the largest metropolitan area in the state, its commercial and transportation center. Recreational opportunities are abundant. With on-campus dormitories, nearby married student housing, religious facilities very close and active student-centered and student-run social programs, our students find a rich and stimulating environment to enhance the educational process.

INSTITUTIONAL MISSION AND OBJECTIVES

The paramount role of a college was set long ago. It is to educate the individual, to ensure his development, and to enlarge his opportunity. We must rededicate ourselves to these goals and thereby strengthen them in a world of restless political, social, technological and economic change.

We believe that every college student needs a broad education to equip him for mobility in employment, in social life, in community, state and national citizenry, and that each student deserves an environment that contributes to his total growth as an individual. Therefore, the college should help to create an intellectual atmosphere that encourages students to develop a scientific spirit of investigation that becomes a life-long approach to issues and problems—in essence, to provide the opportunity for a sound, liberal education for all of its students through formal classes and informal avenues of learning and, hopefully, to liberate their minds from stereotyped thought and shallow decision making.

The college should provide a range of opportunities for student-faculty dialogue in other than a classroom situation, as well as provide educational
opportunities to its students through self-government and other student activities that enhance self-growth, and various individual services that correlate with instruction, such as counseling, guidance, placement, testing and health services.

We also believe strongly in the development of special educational areas to equip students with the professional or technical skills and knowledges necessary for entrance into employment upon graduation. In addition, we seek to help students gain respect for excellence of performance and to provide educational programs that prepare them to become workers and leaders in the professions, in business, in governmental positions, in teaching and in industrial occupations.

Teaching, knowledge and innovation must be advanced on every front—the arts, the sciences and the occupations. In these areas we should allot a greater proportion of our total effort to teaching, first to extend still further each student’s understanding of the world, and second, to enrich basic and applied research in the sciences, humanities, and technology so essential to the improvement of humanity in all respects. Therefore, we should encourage the faculty and administration to engage in personal and team research which contributes to institutional improvement of personal growth, and maintain effective communication with students, alumni and the general public in an attempt to assess continually the effectiveness of the college in fulfilling its mission.

The status of the individual must remain our primary concern, and we must further enhance the dignity of the individual student, promote the maximum development of his capabilities, stimulate their responsible use, and widen the range and effectiveness of opportunities for individual choice, self-development and self-expression.

We further believe that a state college must recognize its responsibility to the public it serves and should, therefore assist in the state’s growth and development by always making its resources available for solving problems, by making a variety of cultural, avocational and occupational experiences available through its publications, workshops, concerts, plays, speakers, conferences, evening course offerings and sports events, and by offering educational training and retraining programs needed by education, industry and business.

In essence, then, the prime purpose of this state college is influencing the thought and behavior of its students and its public, and the prime recognition is that both teaching and learning are best accomplished when a variety of techniques and skills are aptly employed.

**ACCREDITATION AND AFFILIATION**

Boise State College is fully accredited with membership in the Northwest Association for Secondary and Higher Schools. Boise State holds permanent membership in the College Entrance Examination Board and the College Scholarship Service Assembly and is on the approved list of the American Association of University Women.

Professional program accreditations include the following:

- **Criminal Justice Administration** by the National LEEP
- **Dental Assistant Program** by the Council of Dental Education and the American Dental Assistant Association
- **Respiratory Therapy Program** by the Department of Allied Health of the American Medical Association
- **Medical Record Technician Program** by the Department of Allied Health of the American Medical Association
- **Registered Nursing Program** by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools and the National League for Nursing
- **Department of Music** is accredited as a member of the National Association of Schools of Music
- **Social Work Program** by the Council on Social Work Education

**LIBRARY-LEARNING CENTER**

The Library-Learning Center is conveniently located in the center of the campus facing the Memorial Fountain and Mall, and on the north providing a magnificent view of the Boise River, foothills and mountains.

The Library has been planned to provide an attractive setting for reading, study and research. It serves as a fundamental source of information on the campus, as an extension of the classroom or a laboratory for some disciplines, and even replaces the classroom for those students involved in independent study and honors programs. By offering a wide variety of materials the Library hopes to stimulate intellectual curiosity among students and faculty, as well as to satisfy their study and recreational reading needs.

The Library occupies about 100,000 square feet of the building with the remaining 45,000 square feet given over to the School of Education, Educational Television studios, the Instructional Materials and Counseling centers, faculty offices, and classrooms.

Seating is provided for about 1400 readers at large tables, individual study carrels, and lounge areas scattered throughout the open stack areas. Small study rooms and typing rooms are available for group or individual use on each floor. Book stacks provide space for about 350,000 volumes with the present rapidly growing collection numbering about 170,000 volumes. The four floors of the library addition are served by two elevators, and the building includes numerous other features to facilitate use by handicapped students.
GENERAL INFORMATION
Honors Program

The general reference collection and a reserve reading room are located on the ground floor near the circulation and card catalog areas.

The Curriculum Resource Center, housed on the second floor of the library addition, features a growing collection of multi-media and non-book materials, along with the children's and young adult literature collections. Curriculum and special education materials are available to teachers in the Boise area, as well as to college students and faculty. Electronic carrels providing listening facilities are available in the Center.

On the third floor, in addition to the general book collection, are to be found a collection of nearly 45,000 maps, a growing collection of Idaho state documents, the Vardis Fisher Memorial Room, and the Earl Wayland Bowman collection.

The Periodical and Documents department, located on the fourth floor, receives over 1600 current periodicals and over 35 newspapers, including Idaho, national and foreign newspapers. Back files of newspapers and many journals are available on microfilm, with several micro-form readers and reader-printers to facilitate their use. The Library is a partial despository for U. S. government documents.

HONORS PROGRAM

The Honors Program is designed with general education in mind. Its main objective is to provide a broad and comprehensive liberal arts background which complements the specialized education and training which one obtains through the major departments. This includes topics in the sciences, humanities, and social sciences as generally indicated by the standard degree requirements. However, the catalog requirements are to be considered as minimal guidelines which can, and should be amended when a stronger alternative is suggested.

While the Honors Program aims at enrichment more than acceleration, it is possible through Advanced Placement, Summer Reading, and extra courses for an Honors student to accumulate enough credits to graduate in less than the usual four years. The Honors student is expected to do more than the usual out-of-class reading and to spend less time on routine class assignments. He is encouraged to write more, to talk more, and to think more. He has the chance to be a creative participant in his own education. He will learn how to learn on his own, how to ask himself the right questions about new situations and new experiences, and thereby how to become an active and thoughtful member of the American society.

ELIGIBILITY

Qualified students from all departments may participate in the program. Freshmen who have demonstrated unusual scholastic ability and intellectual attainment in high school are encouraged to take part. 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 college rules, and the Honors courses he has taken will be applied toward the General College 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. In every case, the student pursues work in his own major department that will prepare him for a professional career. The Honors Program works cooperatively with the major department in providing the opportunity and stimulus for the student to realize his potential.

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

- Honors English — two semesters
- Honors History — American — two semesters
- Honors Mathematics — one semester
- Development of Western Civilization — one semester
- Development of Eastern Civilization — one semester
- European — two semesters
- Honors Economics — one semester
- Honors Biological Science — one semester
- Honors Physical Science — one semester
- Domain of the Arts — one semester
- Honors Seminar (Special Topics Course) — each semester
- Independent Study — each semester
- Summer Reading — each summer

Flexibility is an indispensable feature of the Honors Program. This is true of the Honors courses as well as of the individual Honors 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. The Newsletter and/or further information can be obtained by writing:

Honors Program Director
Boise State College
Boise, Idaho 83707
EDUCATIONAL OPPORTUNITIES
AT BOISE STATE COLLEGE

Today improved and accelerated public school programs help increasing numbers of students to enter American colleges and universities with skills traditionally expected after college-level work. To assure each student the opportunity to develop at his own pace and bypass rehashing of material already mastered, Boise State College offers several options for educational advancement.

The information here is intended to give only a general idea of alternatives available. No attempt is made to present all the rules and procedures. By their very nature, these existing programs are expected to change in their details. Also, new programs will emerge which cannot be anticipated completely for inclusion here. However, students' needs and creativity must be accommodated. We at Boise State College are always willing to listen to requests, point out the proper procedures for established channels, or investigate possibilities for both immediate solutions and future programs to meet previously unanticipated needs.

Individual cases might allow several approaches to determining relative placement. Following are the general alternatives available. Further details may be obtained from Dr. William P. Mech, phone 385-1122, or from the BSC Administrative Handbook.

30-1 Credit by Examination
30-1A CLEP
30-1B Advanced Placement
30-1C Credit for Prerequisite Not Taken
30-1D Independent Study
30-2 Additional B.A. and/or Double Major
30-7 Student Advisement Consideration
30-10 Math Placement Exam Policy
30-11 Honors Program

Advanced Placement

If an academic department prefers to use a specific form of advanced placement, that department has the option of using its own examination, a standard test, recommendations from high school instructors, or past experience. In this instance, the gathering of materials upon which the granting of credit will be determined may begin during the student's last semester in high school.

Contact: Director, Honors Program.

CLEP (College Level Examination Program)

This a national, standardized test accepted by a growing number of institutions across the country. BSC is an official CLEP testing center.

There are two kinds of exams available, the general exams and the subject matter exams.

1. General examinations are given and college credit will be accepted at BSC in the following categories:

   Natural Science .................. 4-8 credits
   Mathematics ..................... 4 credits
   Humanities ........................ 3-6 credits
   Social Science - History .......... 3-6 credits

2. Subject matter examinations are more specifically focused on certain topics which correspond to individual college courses. Hence a student may select a certain course given by an institution, take the appropriate CLEP subject matter examination, and earn credit for that course without sitting through the class for a semester.

At the time of this writing, there are approximately twenty-four courses at BSC for which CLEP credit may be obtained.

In either kind of examination, the student must make application, pay fees, and arrange for a time to take the examination. The Counseling, Guidance and Testing Center is in charge of the specific arrangements. Contact: Counseling, Guidance, & Testing Center.

Credit by Examination (Challenge)

Any student may challenge a BSC course offering when he feels confident that he has acquired sufficient knowledge (as the result of previous background, education, or experience) to pass an examination which covers the content of the course.

The specific details and examination are determined by the course, level, and occasionally, the student's individual situation. Some courses are challenged through a standardized (CLEP) examination, while others employ a departmental test. Contact: Department Chairman.

Independent Study

The availability of independent study opportunities for graduate students, all upper-division students, and Honors Program lower-division students represents one of several unique curricular choices at Boise State College. It is a project which must be primarily conceived and initiated by the student.

The independent study experience provides individual study opportunities of a reading or project nature, allowing the student to explore in depth a specific aspect of a discipline or professional field. Such study experience affords students the opportunity to exhibit scholarly competencies on an independent basis.

The Honors Program or any department of the college which fields a baccalaureate degree program or graduate program is authorized to offer independent study. The course numbers for independent study are not listed in the schedule of classes printed each term. This does not, however, preclude their availability based on mutual agreement between student and professor and approval by the Department Chairman. Contact: Department Chairman.

Internship

Internships are available in many departments and in all schools within Boise State. The provide opportunity for a student to participate for variable credit in a "field exercise" or "practicum" which contributes to his academic development. The precise nature of an individual internship will necessarily vary depending upon the department, agency, and, possibly, student. Contact: your Department Chairman or Dean.
Outreach Services and Programs

EVENING PROGRAM, SPECIAL COURSES, AND COMMUNITY SERVICE OBJECTIVES

The College expresses its concern for individual improvement, equal opportunity, economic efficiency, and civic responsibility by offering continuing education for adults, and community service programs to assist in the process of human and community development by focusing upon the needs, aspirations, and potentialities of individuals, groups, and institutions.

During recent years, the College has successfully experimented with a great variety of courses, institutes, conferences, field trips, seminars, and other special programs to assist individuals and groups in understanding the complex nature of their society, its problems and possible solutions.

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

SPECIAL SERVICES AND PROGRAMS

Conference, Workshop, Seminar, Institute Planning Assistance — The College offers assistance to groups and agencies that desire help in planning educational programs or require assistance in upgrading personnel in new techniques, knowledge, and skills. Classroom facilities and equipment for these programs can be arranged.

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

Use of Facilities — Boise State College 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 will be available for students grade 4 through college 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 college 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 — Tours of facilities, equipment demonstrations, and in-service lectures relative to data processing are available upon request.

The Visiting Scientist Program — The School of Art & 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 forty minutes duration 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 College has organized a Speaker’s Bureau whose members have volunteered to present lectures and/or talks before community groups and organizations. Write or call the News Bureau at 385-1198 to make requests.

Public Affairs and Cultural Enrichment — Boise State College 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 community. Some of the events that provide opportunities of participation and observation include:

- College Band
- Drama Offerings
- Opera Workshop
- A Capella Choir
- Traveling Art Exhibits
- Foreign Film Festival
- Concerts and Recitals
- Faculty Lecture Series
- Forums of Particular Arts
- BSC Community Symphony Orchestra
- Demonstrations in various fields of study
- Programs of outstanding artists and lecturers

EVENING INSTRUCTIONAL PROGRAMS AND SPECIAL COURSES

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

Mountain Home Air Force Base Program — Boise State College offers academic, college-level courses in a resident program to military personnel, their dependents, and members of the surrounding communities who desire to pursue educational goals.

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.
M.D.T.A. Programs — The Manpower Development Training Act (MDTA) is a joint state and federal government sponsored program to train adults in job areas where there is a shortage of skilled personnel. A co-objective of this program is to reduce the ranks of the unemployed and underemployed in the state and in particular the Southwestern region of Idaho.

Adult Basic Education Program — Basic literacy training for adults in the community is offered at the Vocational-Technical Division for those who desire to upgrade themselves in order to qualify for occupational entry and—or pursue high school instruction and prepares adults who wish to take the General Educational Development Test to qualify for the Idaho high school equivalency certificate.

General Educational Development (G.E.D.) Training — As a part of the Adult Basic Education Program, the College 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 College 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).

Head-Start Instructor Preparation Program — The College participates with other institutions in the state in offering courses to Head-Start Program personnel to improve their educational base and instructional abilities. These instructors work with disadvantaged pre-school children to prepare them for school.

Special Interest Group Courses and Programs — Offerings that have proved to be of continued 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 College’s instructional program.

Division of Continuing Education — The College cooperates with the Division of Continuing Education in offering courses for extension credit from Boise State College. The Division of Continuing Education is an operational program of the Idaho Office of Higher Education. There are three regional offices with the Southwestern Regional Office located in Boise. Credit and noncredit classes are offered in any community or region of the state where a sufficient number of students may be organized to form a class and where a qualified instructor is available. These courses are taught by regular college instructors, and other qualified teachers.

Courses can be offered for graduate and undergraduate credit from Boise State College as well as the other state institutions of higher learning. The purpose of these extension classes is to make the resources of higher education available to those citizens of the State who can best be served in off-campus settings.

The Division of Continuing Education offers assistance to organizations, school districts and other interested groups in the formation of programs. For further information contact the Southwest Regional Director of Continuing Education, Administration Building, Room 210, Boise State College.

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

SUMMER SESSION PROGRAM

A full complement of programs, courses, and services are offered in the summer. Graduate, undergraduate and noncredit programs and courses are offered in the several time block sessions on campus. An eight week session is also available at Mountain Home Air Force Base.

CIVIC IMPROVEMENT EFFORTS

Boise State College as an institution and more specifically its faculty, staff, and students are engaged in cooperative efforts with state and local governments, business, industry, professions, religious groups, and social groups to increase the resources of the community or to resolve major problems confronting the state and the community.

COORDINATING OFFICE AND INFORMATION CENTER

In general, the Director of Extended Day and Summer Sessions is responsible for the total program of continuing education and community service. He directs, supervises, and administers the Evening Program (both academic and vocational), the Mountain Home Air Force Base Program, and special workshops, institutes, seminars, and conferences both on and off campus. In addition, he is responsible for the development, direction, and coordination of the Community Development-Community Service program with the Deans of the various schools as well as with the administrators of other major functions of the College.

The nature of the programs under his direction include credit, noncredit, vocational, avocational, extension, and special interest courses on the college level and at the less than college level.

For more information about the evening programs, special service and development activities of the College, contact Mr. James R. Wolfe, Director of Extended Day and Summer Sessions, Boise State College, 1910 College Blvd., Boise, Idaho 83725 or telephone 385-1209.
CONTINUOUS REPORT OF ACTIVITIES

Boise State College maintains a daily activity information service on a special telephone line. By dialing 385-1111, current information concerning activities taking place on campus is available. The automatic answering device will give information concerning room changes, class cancellations, student activities, sports and other events taking place daily on campus. The number may be dialed at any time, day or night.

SCHEDULES OF FEES AND CHARGES

All of the fees, tuition, and other charges are due and payable at the time of registration each semester. 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 Housing. (See section under Housing.)

Veterans and war orphans who plan to attend on the GI Bill of Rights must, upon registration, present their certificates of eligibility and must pay all required charges at time of registration. Twelve credit hours for undergraduate students and nine credit hours for graduate students will be considered by the Veterans Administration as a full schedule. Note: Audits and repeats may not be counted toward these hours.

SCHEDULE FOR VETERANS BENEFITS

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Graduate</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 or more hours</td>
<td>12 or more hours</td>
<td>9-11 hours</td>
</tr>
<tr>
<td>6-8 hours</td>
<td></td>
<td>6-8 hours</td>
</tr>
<tr>
<td>4-5 hours</td>
<td></td>
<td>less than</td>
</tr>
<tr>
<td>less than</td>
<td></td>
<td>8 hours</td>
</tr>
<tr>
<td>4 hours</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Veterans must furnish the Veterans Officer with transcripts of previous post-high school credit.

TUITION AND FEE SCHEDULE

Eight or more hours made up of any combination of credit, audit, equivalent, and/or retake hours will be considered a full schedule for purpose 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 College.

<table>
<thead>
<tr>
<th></th>
<th>Idaho Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$0</td>
<td>$470.00</td>
</tr>
<tr>
<td>Institutional Fees</td>
<td>178.00*</td>
<td>178.00*</td>
</tr>
<tr>
<td>TOTAL TUITION &amp; FEES</td>
<td>178.00</td>
<td>648.00</td>
</tr>
</tbody>
</table>

*Includes 3% Idaho Sales Tax.

OTHER FEES

<table>
<thead>
<tr>
<th>Activity</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Processing Fee</td>
<td>(Non-Refundable) .. 10.00</td>
</tr>
<tr>
<td>Testing Fee: Students who have not taken the ACT tests on a regular national testing date will take the test during registration week. There will be no charge to those who have already taken the test ................................. 12.00</td>
<td></td>
</tr>
<tr>
<td>Change of Schedule Fee: Changing or adding classes ............................ 1.00</td>
<td></td>
</tr>
</tbody>
</table>

Graduation Fee:

Non-refundable, required of all graduates ................................. 5.00*

*Plus 3% Idaho Sales Tax; cap and gown rental to be arranged with College Bookstore.

Transcript:

One sent free; extras, each ................................. 1.00
(When two or more are ordered at the same time the first copy will be $1.00 and additional copies 50 cents each.)

Music, Performance:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Fee (per semester)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>$55.00</td>
</tr>
<tr>
<td>4</td>
<td>110.00</td>
</tr>
</tbody>
</table>

Fee waivers will be granted to all full-time music majors (8 hours or more) for all required private performance study leading to a B.A. or B.M. degree. Students receiving a fee waiver must be concurrently enrolled for credit in a major ensemble and in Concert Class. Students must be receiving 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 fee waivers must be making satisfactory progress ("C" grade or better) in their private performance study to be eligible for a fee waiver the following semester.

Students receiving a 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.

Late Registration Fee ........................................... $5.00

To help defray the extra cost involved with late registration, a fee of $5.00 is charged after the regularly designated days for registration. If a student is forced to register late because of reasons completely beyond his control, he may petition for waiver of late fees prior to payment. An Application for Waiver of Late Fee should be picked up in A-100, filled out completely by the student, and taken to the Vice-President for Student Affairs, or his designee, for consideration. The cashier is not authorized to accept a late registration without the payment of the late fee or a waiver of late fee.

Special Workshop Fees

Special Workshops are conducted throughout the year which are not part of the regularly scheduled courses or workshops funded through the College General Fund Budget.

All students, regardless of full time 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.

Flight Laboratory Fees

<table>
<thead>
<tr>
<th>Room</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV-121</td>
<td>$296.00</td>
</tr>
<tr>
<td>AV-122</td>
<td>$396.00</td>
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</table>

ROOM AND BOARD SCHEDULE (for Two Semesters)

MORRISON and DRISCOLL HALLS:

<table>
<thead>
<tr>
<th></th>
<th>BOARD</th>
<th>ROOM</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>$550.00*</td>
<td>$350.00</td>
<td>$900.00</td>
</tr>
<tr>
<td>Double</td>
<td>550.00*</td>
<td>320.00</td>
<td>870.00</td>
</tr>
</tbody>
</table>

THE TOWERS:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Double</td>
<td>550.00*</td>
<td>332.00</td>
<td>882.00</td>
</tr>
</tbody>
</table>

CHAFFEE HALL:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>550.00*</td>
<td>394.00</td>
<td>944.00</td>
</tr>
<tr>
<td>Double</td>
<td>550.00*</td>
<td>342.00</td>
<td>892.00</td>
</tr>
</tbody>
</table>

For Payment Schedule, see section under Housing.

All fees, tuition and other charges subject to change without notice.

* Includes 3% Idaho Sales Tax ($16.02).

Senior Citizens

Idaho residents 65 years and older will be charged 50% of normal course fees.

RESIDENCE

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

(a) Any student under the legal voting age whose parents or court-appointed guardian are domiciled in the state of Idaho. Domicile is deemed to exist when the parent or guardian has established residence in Idaho for an indefinite time and the former residence is abandoned. 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, legal voting age or older, who has continuously resided in the state of Idaho for six (6) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university. Provided, however, that no student shall be deemed to have gained residency while attending any college or university in the state of Idaho.

(c) Any student under the legal voting age 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 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 under the legal voting age whose parent or guardian is a member of the armed forces and stationed in the state of Idaho on military orders. The student, while in continuous attendance, shall not lose his residence when his parent or guardian is transferred on military orders.

(g) A person under the legal voting age, married, and who together with spouse has continuously resided in the state of Idaho for six months next preceding the opening day of the period of instruction during which he proposes to attend the college or university. Provided, however, that no student shall be deemed to have gained residence while attending any college or university in the state of Idaho.

(h) 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 home of record and enters a college or university in the state of Idaho within one (1) year of the date of separation. (Legal voting age is defined by BSC to be 18 years of age or older)

Regulations adopted by the State Board of Education and Board of Regents for the University of Idaho.

In compliance with Section 33-3717, Idaho Code, the State Board of Education and Board of Regents of the
GENERAL INFORMATION
Fees and Charges

University of Idaho, meeting in regular session June 9, 1970, adopts the following uniform and standard rules and regulations applicable to all state colleges and universities now or hereafter established to determine residence status of any student and to establish procedures for review of that status. To Wit:

1. A student is deemed to be "attending" an institution of higher education when he is paying regular fees required of a full-time student at the institution concerned. (See (b) above)

2. The State Board of Education and Board of Regents of the University of Idaho shall deny resident status to any student who is not a citizen of the United States, unless he complies with the definition of a permanent resident established by the United States Immigration and Naturalization Service. A foreign student whose sole purpose for being in the state of Idaho is attendance at a higher education institution, shall not be classified as a resident student.

3. Any student classified as a resident for purposes of higher education by one institution shall be so classified by all other institutions in the State under the jurisdiction of the State Board of Education and Board of Regents for the University of Idaho.

REFUND POLICY

General fees — When any regularly enrolled student withdraws from Boise State College, a refund of registration charges, including nonresident fees, computed from the regularly scheduled registration day will be on the following basis:

Before classes begin ........................................ 100%
(Less registration procedure charge of $15.00)
During first 2 weeks of classes ....................... 75%
During 3rd and 4th weeks .......................... 50%
After 4th week ........................................... NO REFUNDS

This policy also pertains to part-time students, including special evening classes. No special consideration is to be given to late registrants in extending the refund policy, and these students will not receive a refund on any portion of the late registration fee. The college 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.

DELINQUENT ACCOUNTS

The cancellation of the registration and withholding of academic credit of any student with a delinquent account or an unsatisfactory financial relationship with the business office is authorized without notice if the student has been contacted. This regulation may be invoked at the discretion of the Coordinator of Administrative Services in cases of disregard of the settlement of returned checks, loss of property or breakage, dormitory or housing breakage, library fines and losses, telephone toll charges, overdue notes, etc.

DISHONORED CHECK POLICY

A charge of $5.00 will be assessed each time a check is returned; this amount will be charged to the student and he will be notified. If not cleared within 10 days, a second notice will be sent and a "hold" placed on his records.

Any check that is registered in payment of registration fees and subsequently returned by the bank will result in automatic postponement of the student's registration and the student will be subject to a late registration fee.

HELD PACKETS

Registration Fees are due and payable at the time of Registration. If packet is not cleared by full payment within one class day of registration, the packet will be returned to the Director of Admissions, and the class cards put back in the files for other distribution. If financial assistance is required, the following possibilities are suggested:

1. Financial Aids Office
2. Bank Loan
3. Family Loan

Once a packet has been returned to the Director of Admissions for stripping, a subsequent registration is required when fees can be paid.

AUDITING OF ACCOUNTS

All funds for public purposes within the College and subject to the jurisdiction of either the College or the Associated Student Body and which are contributed to or collected by any student or faculty member shall be deposited with the Chief Accountant, subject to withdrawal upon written approval of the proper authorities. An accounting of all receipts and expenditures in the funds shall be made by those responsible for their collection immediately after they shall have been disbursed, this accounting to be audited by the Chief Accountant.

INSURANCE COVERAGE

All full-time students at Boise State College are required to take Puritan Life 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 Puritan Life office.

Boise State College carries liability insurance covering all on-campus and official college functions including student activities.
PART II

student personnel services
Office of the Vice President for Student Affairs

The office of the Vice President for Student Affairs coordinates the activities of the various offices and departments of the College that provide direct service to the student. All services are considered supportive to the instructional program and are designed to provide direct assistance to students in the attainment of their immediate, and long range educational goals.

The staff of the Vice President for Student Affairs administers a student services program encompassing student government, housing, organizations and activities, health, College Union, counseling, financial aids, admissions, registration, placement, as well as High School and College relations.

STUDENT ADVISORY AND SPECIAL SERVICES

The primary responsibility for advisory services and assistance are coordinated through the Office of Student Advisory and Special Services. Primary coordination of Veterans Affairs, Minority Students Affairs, Foreign Student advising and other special student services are a responsibility of this area. All Complete Withdrawals from College are initiated from this office (see page 26 of this bulletin).

Admissions and Records

All matters relating to admission to the College and to credit for work at other schools and colleges are administered by the Director of Admissions. Applications for admission, and inquiries about admissions should be addressed to the Director of Admissions, Boise State College, 1910 College Boulevard, Boise, Idaho 83725.

In addition to admissions, this office has general administrative responsibilities for academic retention and readmissions activities, maintenance of student academic records, certification of completion of requirements for undergraduate degrees, registration procedures, and eligibility for athletic participation. This office also administers relations between students and the Selective Service Boards, Social Security Administration, and Veterans' Administration Affairs.

Registrar

The Office of the Registrar is responsible for direct maintenance of student academic records. All inquiries concerning credit earned at Boise State College or credit earned at some other institution should be made to The Office of the Registrar, Boise State College, 1910 College Boulevard, Boise, Idaho 83725.

High School and College Relations

The area High School and College Relations is responsible for design, coordination, development, supervision, and implementation of programs which transmit to any and all agencies the educational opportunities and advantages available at Boise State College. This also includes coordination of high school visitation and the follow up with high schools and junior colleges throughout the state of Idaho.

This office works closely with all of the other offices within the framework of Student Personnel Services.

College Union

The College Union Building is designed to offer students, faculty, staff and the community a wide variety of facilities for social, recreational, study, dining, and meeting needs. Services available on the first floor of the Union are the snack bar, information center, which handles ticket sales to Boise State activities. Programming Office, Scheduling Office, a full-service Bookstore, and Barbershop. Also located on the first floor is the games area which has a six lane bowling alley, pool tables, coin machines, a quiet games area, rental equipment area, and a special outdoor recreation program.

Two spacious student lounges are available, one located on the first floor and one on the second floor. Both are equipped with fireplaces and provide a view of the entire campus. On the second floor of the Union are numerous meeting rooms and banquet facilities, a T.V. lounge, the Main Dining Room for boarding students, the Ball Room with a capacity of 900 and offices for the College Union Director, Associated Students, Alumni Association, and Arbiter.

The third floor of the building consists of an elegant student lounge—"The Lookout"—with a panoramic view of the city of Boise, the campus, the mountains, and the Boise River.

The College Union is governed by the College Union Board of Governors, which consists of eight student members, three faculty members, four administrative members and an Alumni representative. The Board recommends policy to the College President regarding building usage and general programs. A full-time Director and staff are employed to operate the College Union Building and coordinate the student activities and organizations program.

Bookstore

The Bookstore is operated by the College as an official source for all textbooks, study aids, and other school supplies needed by students.
Located in the College Union, the Bookstore has textbooks available for every course offered by the College. Used books are stocked for resale wherever possible.

Also offered is a wide variety of merchandise for sale. This ranges from precision drafting equipment and writing materials needed for class use to toilet articles and the latest books. Also available in the store are art supplies, greeting cards and stationery, and a large paperback book section for the students.

Health Service

The Student Health Service assists the academic goals of students by providing health education, preventive medicine, and therapeutic care. We attempt to help the student achieve optimal health with quality medical care at a reasonable cost.

All full time students should be familiar with the location of the Health Service, 2121 College Boulevard. It is directly across from the Campus School. The health fee entitles the student to receive medical care and consultation during regular clinic hours. Additional community services are utilized when necessary. Some services deemed to be the responsibility of the student, and not included in the health plan, are dental care, eye glasses, allergy tests, routine physical examinations, and pregnancy.

The Student Health Service exists for full-time students only. Inquiries regarding the pre-admission medical examination and services rendered can be made directly to the Student Health Service, Boise State College, 385-1459.

Center for Counseling, Testing and Guidance

The Center for Counseling is a service designed to help students with personal, educational, vocational, and social problems. Professional counselors work with the student in a setting that allows confidential discussion of the student’s concerns. This service is based on the premise that many normal individuals have, at some times, problems that 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 tests may be used for self-evaluation and information. Occupational information is available.

All active students are eligible for counseling. Appointments may be made by phone—extension 1601 or in person at the Counseling and Testing Center, second floor, Library Building, room 247.

Career Services

Placement Service provides assistance to students and alumni who are seeking career employment. Basic services include:

(1) Career Planning and Information. Professional staff are available to provide information and assistance regarding career choice and placement opportunities. Placement Services also has a growing library of recruiting literature, annual statements, the COLLEGE PLACEMENT ANNUAL, and other career references.

(2) Credential Service. By establishing a placement file with Career Services, a student may assemble a permanent file containing all the vocationally significant data about himself at a time when instructors and administrators remember him best. Once a file is established, copies may be sent to prospective employers. Students are encouraged to establish credential files early in the year they plan to graduate.

(3) On-campus Interviews. Students and alumni are also welcome to interview with the employers recruiting on the campus. Each year, representatives from business, government, and educational institutions arrange for interviews in the Career Services Office.

Career Services also maintains information on off-campus part-time summer, and Christmas employment for students and their spouses. Upon completion of semester registrations, student applications for employment must be filed in person at the Career Services Office, Room 124, Administration Building. No fee is charged for any of these services.

Alumni Affairs Office

The Alumni Office is located on the second floor of the College Union Building. Robert Willcuts, Director, also coordinates activities of the Boise State College Alumni Association, a voluntary organization, incorporated in 1967. Membership includes all graduates and entitles them to receive alumni news publications, placement services, use of College Union and Library facilities. The objectives and goals of the association are to maintain contact with graduates and former students and to promote their interest in and support of the College. The office publishes a quarterly magazine and periodical mailings keep the alumni informed of the changes taking place on campus. All members are urged to keep the Alumni Office informed about changes of address, employment status, marriages, births, and other information of interest to fellow class members. Students and alumni are welcome to visit at any time during regular office hours.
STUDENT FINANCIAL AIDS

Purpose

The primary purposes of the financial aid program on the Boise State College campus are to allocate financial assistance and to provide current advice to students to expedite their matriculation at the College. In implementing these aims, the staff recognizes that the financial need of an individual student is related to his educational pursuits, vocational plans, personal resources, employment skills, and adjustment aspects of his development. Thus, the concurrent effort is one of assisting students by providing counseling on related matters and administering a comprehensive program of scholarships, grants, loans, and employment opportunities based on individual eligibility.

Nondiscriminatory Policy of Assistance

The Financial Aids Office adheres to Title VI of the Civil Rights Act of 1964 which states: "No person in the United States shall, on the ground of race, color, national origin, be excluded from participation or be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

Applying For Financial Aids

Because of the everchanging conditions effecting six Federally-funded programs the Financial Aids Office administers in direct student assistance, and unfinalized criteria in the Higher Education Act of 1972 passed by Congress (including a new Basic Opportunity Grant), one basic form is now required and preferred for all types of financial aid. — The American College Testing Family Financial Statement, hereafter referred to as the ACT/FFS. This application can be obtained from the Financial Aids Office, high school counselors, or ACT, Post Office Box 1000, Iowa City, Iowa 52240. Students who will be discussing this with parents who are Spanish-speaking should obtain a copy of the BSC Financial Aids Office Instrucciones Para El Colegio—Una Guia Para Estudiantes Y Padres.

Complete pages 1, 2, and 3 of the Instruction/Worksheet of the ACT/FFS. Use a soft pencil and transfer the information for the Worksheet to the ACT/FFS mark sense card. Obtain necessary signatures. Prepare a check or money order (no currency) payable to American College Testing. Post Office Box 1000, Iowa City, Iowa 52240 and mail both check and card in the envelope provided, addressed to Iowa City, Iowa.

Carefully complete the 4th page of the ACT/FFS Worksheet titled "College Copy-Supplemental Information Sheet," and mail the four-page document to the Director of Financial Aids, Boise State College, Boise, Idaho 83725 (See IV - Annual Deadline.)

Scholarships

March 1 - Annual final closing application date for scholarship consideration.

Academic students, as part of their admission requirements, are required to furnish official scores from the American College Testing Assessment. Vocational-Technical students must provide scores from the General Aptitude Test Battery.

Accordingly, adequate financial data in the ACT/FFS will expedite action on award decisions and allocation of other funds which the applicant is ruled eligible to receive.

Applicants whose ACT/FFS College Copy-Supplemental Information Sheet is received by or bears a postmark date no later than March 1, will be considered for scholarship awards. Applications postmarked after that date will be honored in chronological sequence not for scholarship, but for funds that remain available in various loan and grant programs.

Policies of the Faculty Scholarship Awards Committee, under which the Director of Financial Aids is authorized to administer valuable scholarships, are subject to revision each year.

The Awards Committee relies upon financial information compiled in the ACT/FFS referred to earlier, the ACT Assessment scores of new freshmen, grade point averages of junior college transfers, and most recent semester grades and the cumulative GPA (grade point average) of students who are completing one or more semesters at Boise State.

Department chairmen and faculty are consulted for final recommendations of awards based on "March 1" lists of eligible applicants filing with the Financial Aids Office.

Various departments and schools of the College have restricted scholarships and some service awards, to assist new Freshmen and students who have on record one or more successful semesters at Boise State College. Contact the following for information:

Dean, School of
Business . . . . School of Business Scholarships
Dean, School of Arts and
Sciences . . . . Annual Science Competition Awards
Chairman of Music
Department . . . . Band Participation Service Awards
Band . . . . . . Idaho Federation of Music Clubs
Auditions and Procedures
Director of Vocal-Tech
School . . . . . . . Tau Alpha Pi Awards
Director of Athletics . . . . Athletic Grants-In-Aid
(NCAA and Big Sky Conference Rules)
Chairman of Theatre Arts . . . Performing Arts Grants
Communication
Department . . . . Student Publication Participation
BSC Associated Student
Body . . . . . . . Stipends For Appointive and Elective Positions

Contributors of Loans, Scholarships

A list of benefactors is published annually at Commencement. The most generous scholarships are 18 annual renewable awards of $750 for Idaho residents who must maintain a 3.0 grade point average each semester. Most scholarships do not exceed semester fees, but may range from $25 to $750.

Long-Term Loans (Deferred Payment)

A. National Direct Student Loan:

A long-term program wherein both interest and payment are deferred while the student attends an accredited college or university. Payments commence one year after the student leaves college or graduates and may extend as
long as ten years. Interest of 3% per annum begins to accrue nine months after the student leaves school. Cancellation will apply to those borrowers who serve in combat areas as prescribed by U.S. Code at 12 1/2% a year to 50% of the loan. If a borrower teaches the economically, mentally, emotionally, or physically handicapped (schools listed annually on a Federal Register), he is allowed 15% cancellation during the 1st and 2nd years of teaching, 20% cancellation during the 3rd and 4th years of teaching, and 30% cancellation during the 5th year of teaching. Students may be eligible to borrow up to $2,500 during the first two years of schooling; $5,000 during their pre-baccalaureate years; and $10,000 for all undergraduate and graduate years. Boise State College requires minimum loan repayments of $30 per month.

B. Nursing Student Loan:
(This loan is available to students admitted to the Registered Nursing (two-year) program at Boise State College.)

Up to 85% of the amount of any loan, plus accrued interest (3% annual rate) may be cancelled when the borrower is employed full-time as a professional nurse (including teaching in any of the fields of nurse training and service as an administrator, supervisor, or consultant in any of the fields of nursing) in any public or other nonprofit private agency, institution, or organization (including neighborhood health centers), at the rate of 15% of the amount of such loan (plus interest) that was unpaid on the 1st day of such employment for each of the 1st, 2nd, and 3rd complete years the Maker engages in such employment, and 20% of such amount (plus interest) for each complete 4th and 5th year that the Maker engages in such employment. The maximum loan per student has been increased to $2,500 a year.

C. Federally Insured Student Loan:
Another long-term, deferred payment, program currently bearing an 7% annual interest rate.

Banks, savings and loan associations, credit unions, pension funds, and insurance companies may lend under the program. Loans are made at the discretion of the lender. Contact the BSC Financial Aids Office for current advice on participating lenders.

Effective March 1, 1973, if the Financial Aids Office can certify that the applicant is eligible for aid (i.e., the expected family and student contribution is inadequate and other education benefits are not sufficient), the Federal government will pay the total interest while the student is in school and during authorized periods of deferment. All borrowers pay the full interest (7%) during the repayment period.

In order for the Director to determine this need for financial aid and interest benefits, the Boise State College student is required to file an American College Testing Family Financial Statement. The report prepared by ACT will enable the Director to complete his portion of the application (OE 1154) and the supplement (OE 1260).

If the educational institution makes no recommendation for a loan, your bank may still make you the loan, but no interest benefits would be paid by the Federal government.

Repayment begins between 9 and 12 months after the student completes his course of study or leaves school, and is normally scheduled for from 5 to 10 years. However, there is a minimum monthly payment requirement of $30 that could reduce this period.

College Work-Study Program: (Federal)
Under this form of financial assistance, a student may earn a portion of his expenses while attending the College. Approval does not guarantee employment nor assure that the amount authorized can be earned; but a student approved will be referred for job openings depending upon his skills, his class schedule, and departmental requests. Authorized earnings may be specified for 12 months or 9 months. Those approved for 12-month authorization may be allowed to work 40 hours per week in the summer. A student employee is expected to conserve 60% to 80% of his summer College Work-Study earnings for Fall Semester costs. Effective July 1, 1973, half-time students will be eligible for participation in the college Work-Study Program and there will be no hourly limit per week. Preference is given to students having "greatest financial need" rather than to students from low income families. Under a 15-hour per week schedule, it is possible to earn $700 to $800 ("take-home pay") during the two full semesters. The Financial Aids Office is required to set a limit of earnings for each year. Initial interviews and referrals originate at the Financial Aids Office in the Administration Building.

Other Part-Time Employment: (Institutional)
Other job opportunities, as forms of financial aid, are offered to students who need or desire to work and who may not meet the strict financial need requirements of the College Work-Study Program. On-campus part-time work opportunities are available in various departments, offices, and agencies of the College. At the time of an interview, the financial aid officer will determine if referrals can be made for on-campus employment. Should no employment availability exist, the information compiled by the student can be transmitted to the career placement office.

Grants-In-Aid

A. Educational Opportunity Grant
An award to undergraduates in need of assistance approved in combination with another grant, loan, or work-study.
Currently, students must be registered for a minimum of 12 credit hours each semester. Grants may be renewed for subsequent undergraduate years if the student's need continues and a satisfactory academic record (2.0 PGA or better each semester) is maintained. A student may receive an award for a fifth undergraduate year if he needs that time to complete a course of study normally requiring four years or if he is pursuing a course of study leading to a first degree in a program designed to extend over five academic years. Students whose EOG is matched in whole or in part by work-study awards must contact the Financial Aids Office personally to secure referral for employment. (Students who marry may continue to be eligible for grants not to exceed fees and books.) Effective July 1, 1973, half-time students are eligible to receive the EOG. A student may receive up to $1,500 per year in grant funds, not to exceed a maximum four-year limit of $4,000.

First-year students receiving an EOG should be fully aware of the regulations directly effecting their eligibility for continued grant aid. Refer to Academic Probation and Dismissal. See page 26 1973-74 Boise State Bulletin.

B. Nursing Scholarship (Grant):

The purpose of the Nursing Scholarship is to encourage and enable exceptionally needy high school graduates and college undergraduate students, who otherwise would be unable to continue their education, to pursue their studies at institutions of higher education in the registered nursing field. The maximum grant has been increased to $2,000 per year.

Eligibility for loans and scholarships, formerly limited to full-time students, has been extended to include half-time students. A half-time student is one who is enrolled in a school and pursuing a course of study which constitutes at least one half of a full-time academic workload, as determined by the school, leading to a diploma in nursing, an associate degree in nursing, a baccalaureate degree in nursing or an equivalent degree, or a graduate degree in nursing.

Students who enroll in the third year, R.N. "satellite program," in cooperation with Idaho State University, are not eligible for Nursing Student Loan or Nursing Scholarship administered by Boise State College. They may apply for assistance by contacting the Director of Financial Aids, Idaho State University, Pocatello, Idaho 83201, for instructions and an application.

Law Enforcement Education Program

The Law Enforcement Program (LEEP) authorized in the Omnibus Crime Control and Safe Streets Act of 1968 provides funds for the upgrading of law enforcement personnel. These funds are available to qualified students in two forms:

A. Grants: Available to in-service law enforcement officers of local, state, and Federal units of government. Grants will pay part-time or full-time fees and books for a student enrolled in an undergraduate or graduate academic program leading to a degree or certificate in an area related to law enforcement. Recipients of the grant must be full-time employees of a publicly-funded law enforcement agency for a period of two years following completion of any course of study funded by a grant. Failure to honor this commitment obligates the grant recipient to repay the full amount of grant funds awarded.

B. Loans: Available to in-service law enforcement officers and to pre-service students enrolled prior to July 1, 1972, full-time in undergraduate or graduate programs leading to degrees in areas directly related to law enforcement. Loan may be made at the discretion of the Financial Aids Officer, according to need, for amounts up to $1,800 per academic year. Repayment and interest do not begin until the student has left school: minimum monthly repayment - $50; rate of interest - 7% annually. The loan amount can be cancelled at the rate of 25% for each year of full-time employment in a public, state, local, or Federal law enforcement agency after the recipient leaves school.

The Loan Program in LEEP requires the "need analysis" as described for all other financial aid programs.

For both LEEP grant and LEEP loan, applications must be submitted 30 days before registration. Special forms required may be requested from the Financial Aids Office.

BSC Student Loans

Loans funds on a short-term repayment basis are available for full-time students who maintain a 2.00 grade average or better. Repayment in full must be made by the end of the semester. A $2.00 service charge is assessed. Part-time, on-campus employment is often available to help meet individual loan obligations.

The Financial Aids Office administers certain dedicated student loan funds for students of nursing (R.N. and LPN), and for students in various special areas of study and specializations as dictated by the original contributors (e.g., vocational-technical, junior or senior education students, foreign students). You will be asked to indicate and make monthly payments best suited to your individual potential of income.

Waiver of Non-Resident Tuition

The College has been authorized a strictly limited number of waivers for non-resident tuition at the discretion of the Director of Financial Aids. All other sources of aid must be explored before an applicant is provided a tuition waiver. An ACT/FFS must be filed. Non-resident students who have forfeited their athletic grant-in-aid (which included tuition) may not be considered for this special assistance.

Identification of Self-Supporting (Or Independent) Student

A student is ineligible for consideration as an independent student for Federal student financial aid if he:

1) Has been claimed or will be claimed as an exemption for Federal income tax purposes by either parent or any other person (except spouse) for the
pendent student. The institution must have:

Documentation of Independent Student Status

For each student aided as a self-supporting or independent student, the institution must have:

1) A statement indicating that the student was not claimed as an exemption for Federal income tax purposes by any other person except his spouse, for the calendar year prior to the year for which aid is requested, and will not be claimed for the calendar years for which aid is received.

2) A statement indicating that the student’s parents or any other persons acting in loco parentis have died within the period discussed above is eligible for consideration as an independent student even if the above tests are not met.

3) The statements required under 1 and 2 above should ordinarily be provided by the student’s parents (or other persons acting in loco parentis) and should be notarized. However, where a student has lived apart from his parents for as long as 2 years, it would not be inappropriate for the aid officer to accept such statements directly from the student concerned.

Vocational Rehabilitation and Other State and Federal Student Assistant

It is the obligation of the Financial Aids Office to consider other governmental agency aid and funds as direct educational resources. Applicants for financial aid at Boise State who are also negotiating with Vocational Rehabilitation for direct educational expenses are required to file the American College Testing Family Financial Statement previously mentioned.

Duplication of Aid

Failure to promptly inform the Financial Aids Office of other aid which is a duplication of funds already provided may subject the student to cancellation of his Registration at the request of the Director and subsequent reimburse of funds to the College.

Renewal and Reapplication

It is necessary to file a new ACT/FFS EACH YEAR to be eligible for renewal of ALL TYPES of financial aid. Maximum aid should be provided in early stages of enrollment. As a student matures and gains skills he or she is expected to become a better manager of time and employable talents, a better manager of resources, and less dependent upon the College’s resources. Loans from more than one source are cumulatively difficult to pay off and students are cautioned against seeking more than one source from which to borrow.

The Non-U.S. National (Foreign Student)

The foreign student is expected to have adequate funds ($2,700 to $3,000) for his first year at BSC. Since most funds at the disposal of the Financial Aids Office are from Federal programs, they are not available for non-U.S. citizens. Emergency funds in the W. L. Gottenberg Foreign Student Loan fund are available upon recommendation of the foreign student advisor, but must be repaid to the College within a specified time. The foreign student advisor must be consulted in affairs, including permission to seek employment and original permission to enroll at BSC.

Native American (American Indian) Students — Tribal and BIA (Bureau of Indian Affairs) Grants

A student whose eligibility for Indian student educational needs-in-aid can be verified by his/her tribal agency, in addition to filing the ACT/FFS, should request a special affidavit from the Director of Financial Aids. Two copies are to be sent to the Education Specialist of the Tribal Agency, and the third copy filed with the BSC-FAO.

STUDENT ACTIVITIES

Program Center

The Program Center, located on the first floor of the College Union across from the Bookstore, acts as the central office for all campus activities. It houses the College Union Program Board (CUPB) Offices, the Union Program Office, and has mailboxes and filing cabinets for the various campus organizations. Come to the Program Center to obtain any information regarding campus activities.

College Union Program Board

The College Union Program Board (CUPB) is composed of 15 student committees which have the responsibility for planning and implementing a well-rounded activities program at Boise State. There are about 150 positions available to students each year on the various CUPB committees such as Pop Concerts, Classical Concerts, Pop Films, Foreign Films, Lectures, Coffeehouses, Art Shows, etc. Students are urged to apply in the Program Center.

Student Organizations

On the Boise State College campus there are a large number of student organizations covering almost every area of student interest. There are student chapters of professional organizations, special interest groups and other extracurricular organizations. These organizations and groups provide broad opportunities for student participation.

Further information on student organizations may be found in the student handbook or by contacting the Program Center in the College Union.
Student Government

Every full-time student is officially a member of the Associated Students of Boise State College (ASBSC).

The fee that each full-time student pays to student government is used to fund a complete social program, a student newspaper, a yearbook, a complete men's and women's intramural and recreational program, a drill team, a marching band, cheerleaders, and partially fund such programs as drama, debate, choir and community symphony.

Other related programs administered by student government would include Homecoming, Parents' Day, All-Idaho Week, a Draft Counseling Center, a volunteer placement bureau, a family-planning information center, a part-time lawyer available to all students, a campus beautification program and the funneling of student opinion into every faculty or administrative committee dealing with the governance of the College.

Additional information regarding student government may be obtained from the Student Handbook or in the ASBSC Offices on the second floor of the College Union.

Religious Activities

Students are encouraged to participate in local churches. Several religious groups have buildings for students near the campus. Most groups affiliated with Boise State College meet in the College Union for discussions and fellowship.

All Faiths Council is composed of student representatives or recognized religious organizations on campus. The Council promotes and coordinates religious activity. This includes not only Christian and Jewish organizations but also the great Eastern religions. The Council encourages and assists new groups to form on campus and receive recognition from the A.S. Senate.

Student Publications

A number of student publications are printed during each school year to serve as sources of information for new students, to report the many events of interest to the campus community, and to record the year's activities.

The Arbiter is the official newspaper of the students of Boise State College. Staff positions are open to full-time students interested in journalism, not necessarily journalism majors.

Les Bois is the college annual published by the Associated Students. The editor is appointed each year by the ASBSC President and other positions on the staff are open to all interested full-time students.

Social Fraternities and Sororities

Boise State College has a number of national social fraternities and sororities. Local chapters of Alpha Chi Omega, Alpha Omicron Pi, Alpha Xi Delta, Delta Delta Delta, and Gamma Phi Beta for women, as well as Kappa Sigma, Sigma Tau Gamma, and Tau Kappa Epsilon for men are active on campus. Membership in these fraternities and sororities is by invitation only. Students interested in obtaining more information about them should write directly to the Activities Center, College Union Building.

Band, Orchestra, and Choir

The Music Department provides opportunity for music students, as well as other interested students who can qualify, to participate in the Boise State College orchestra, bands, choirs, and smaller ensembles.

Drama

All students with the required grade point average are eligible to try out for a large repertoire of student plays and drama productions.

Debate

Members of the Debating Team travel many thousands of miles each year to engage in intellectual competition with schools from across the country. Proficiency in critical thinking, public speaking and the ability to investigate and intensively analyze significant contemporary issues are the goals sought by students involved in this activity. Financed primarily from the Associated Students of Boise State College budget, it is open to all students who wish to participate.

Athletics

The College encourages athletics as a part of its educational program, with all intercollegiate sports directed and controlled by the Athletic Director, and his staff.

Teams have been organized in football, cross-country, basketball, wrestling, skiing, baseball, track, and tennis. Intercollegiate varsity and freshman athletic events are played under the rules of the National Collegiate Athletic Association (NCAA), of which organization the College is a member. Eligibility to participate is determined by the Boise State College Athletic Board of Control.

The ASBSC and the Department of Physical Education through the Recreation Board provide intramural sports as a recreational opportunity for all students not actively engaged in intercollegiate athletic competition. Intramural participation is free to all students.

ELIGIBILITY FOR EXTRA-CURRICULAR ACTIVITIES

1. In order to represent Boise State College or any student organization in any extracurricular activity of an intercollegiate nature such as: Debate, Student Conferences, Fraternal or Organizational Conferences, class related activity junkets, Cheerleader and/or Broncettes trips (except athletics) a student must:
   a) Not be disqualified or suspended from the college or on academic, social or conduct probation.
   b) Be currently enrolled as a full-time student.
   c) Have earned at least a 2.00 Cumulative GPA.
during his previous semester at this College and carried a full-time load during said semester.

d) Have a 2.00 Cumulative GPA or better. The ABSSC President, Vice President, Treasurer, and Senate members shall have a minimum 2.25 cumulative GPA standing at the time of election to office.

e) If a first semester Freshman, have written approval of his Academic advisor.

f) If a first semester transfer student, have written clearance from the Student Personnel Services Office.

g) All candidates for extracurricular activities must be certified by the Activities Center. Eligibility certification is valid for one semester and must be renewed.

2. Exceptions

Rules 1a and 1c do not apply to students engaged in activities that are required as part of a class: students participating in intramural sports or intercollegiate athletics.

Intercollegiate Athletic Eligibility

Students participating in intercollegiate athletics must comply with the eligibility rule of the National Collegiate Athletic Association. Specific information concerning individual eligibility may be obtained from the Athletic Director at Boise State College.

Student Conduct

Upon enrollment the student and the college enter into an agreement of mutual responsibility for maintaining order and standards as well as preserving the educational purpose and function of that relationship. The College is obligated to advise the student of established policies and procedures whereas the student is obligated to conduct himself as a responsible member of the college and larger community.

As representatives of the college, students are expected to conduct themselves in a manner which will bring credit to themselves and the College. Standards of behavior should reflect good taste, courtesy, consideration and respect for the rights of fellow students.

Being a student at Boise State College does not relieve the individual of his responsibility to society and its laws. College sanctions may be imposed on a student apprehended by a law enforcement agency or appearing in a civil court, where his conduct significantly interferes with the College’s educational responsibility to all members of the College community. This policy does not in any way constitute double jeopardy.

Disciplinary Sanctions

Disciplinary action for misconduct on or off the campus may include payment of damages, fines and/or constructive services, or one of the following:

(1) Admonition—An expression from the administration, generally in the form of a verbal warning or caution, that the expected standard of conduct is not being maintained. Used principally with first time minor infractions.

(2) Censure—An expression of disapproval or condemnation of a specific act against the standard of conduct—generally in writing—with a possible loss of a minor privilege.

(3) Conduct Probation—generally a written warning, with or without a judicial hearing signifying that additional disregard for the standard of conduct will constitute grounds for suspension or expulsion. Usually a minimum time period is specified.

(4) Disqualification—disciplinary action excluding the individual from participating in certain activities or privileges for a prescribed period of time. A loss of a privilege, i.e., relinquishing a student office.

(5) Suspension—An administrative or Student Hearing Board action terminating registration, with a possible loss of academic credit, for a prescribed period of time. Re-enrollment must be requested by petition.

(6) Expulsion—an administrative or Student Hearing Board action permanently terminating a student's registration at the institution. Readmission is possible only by action of the President of the College.

Procedural Due Process and Right of Appeal

Fair play in all situations involving serious disciplinary actions is a right of every student. This is especially true in cases where conduct probation, suspension or expulsion are imposed or where an adverse notation may be made on a permanent record. In such cases, due process will consist of:

(1) Adequate written notice of the charges. Normally said notice is sent from the appropriate office.

(2) The opportunity for a fair hearing by allowing the student to appear alone or with another person to assist or advise him, to hear the evidence, its nature and source, and to offer evidence in his own behalf.

(3) The right of the student to question the source of the evidence and to be heard by those in charge of the hearing.

(4) The right of the student to be heard by committee, board, or appropriate official.

(5) The right of the student to appeal the decision to the next highest authority and to be advised of the procedure.

Appeals Procedure

(1) Appeals concerning traffic violations are filed with the Director of Buildings and Grounds and heard by the Appellate Traffic Council.

(2) Appeals from a lower judicial body should be made to the next higher body, i.e., ASBSC Judiciary or Student Conduct Board, through the Office of Vice-President for Student Affairs. All appeals must be in writing and submitted within one week (7 days) of the decision with copies to the original and last judicial body. The appeal
should include the reason for the appeal and new evidence not considered by the original committee or council.

(3) Appeals from decisions of the Student Conduct Board may be made to the President of the College through the Office of the Vice-President for Student Affairs. The appeal must be in writing giving full details of the case and specific evidence or justification for the appeal within one week (7 days) of the previous decision.

STUDENT HOUSING

All single full-time students under 21 years of age who are not living at home or with relatives will be required to live in college residence halls so far as space is available, or in a sorority or fraternity. Fraternity or sorority members and pledges must obtain approval to live in their respective houses. Any student who reaches the age of 21 years during the semester for which he has made application to the college will be considered to be 21 years of age for housing assignment purposes. Exceptions to this policy must be approved by the Office of Student Residential Life.

The Boise State College Residence Hall Application-Contract initiated at the beginning of the academic year is binding for the entire school year (fall and spring semesters). Thus the student who enters into a housing contract during the semester for which he has made application to the college will be considered to be 21 years of age for housing assignment purposes. Exceptions to this policy must be approved by the Office of Student Residential Life.

The Boise State College Residence Hall Application-Contract is binding for the entire school year (fall and spring semesters). Thus the student who enters into a housing agreement with the college is committed to living in a college residence hall for the entire school year. Breach of contract will obligate the student for the full amount of the contract.

Students living off campus or at home are subject to the same standards of conduct expected of students living in college housing or residence halls.

A. Student Residential Life

The Office of Student Residential Life is primarily responsible for programming and services related to the residence halls, married student housing, and off-campus living concerns. This office selects residence hall staff and maintains an ongoing training program. Assistance and guidance is provided to the Interdormitory Council. Through research and various programs related to student living concerns, the Office of Student Residential Life hopes to enrich the total college experience for the Boise State student.

B. Director of Housing

The Director of Housing and his staff are responsible for all student housing on and off the campus. The Director prepares student housing policies and procedures, conducts housing programs and surveys, and has the responsibility of accounting for housing and food service income. The office also supervises all married student housing and assignments; plans for redecorating, maintaining, and furnishing of all college housing facilities; promotes the listing of public housing with the college for student use; supervises the records kept of available and occupied residence hall facilities and community housing; coordinates the housing program with the Office of Student Residential Life.

C. College Residence Halls

The College currently maintains four residence halls with accommodations for approximately 760 students. Living conditions are comfortable and conducive to successful academic progress. They also contribute to and encourage participation in the total college experience. The women’s residence halls (the new Towers and Driscoll) will accommodate approximately 378 students while the men’s residence hall (Chaffee) is designed to house 300 students. The coed dorm (Morrison) provides living facilities for 78 men and women.

The new Towers Dorm, located on the west end of the campus, has seven stories and accommodates 300 students. It is carpeted and air-conditioned, with study lounges and laundry facilities.

Driscoll and Morrison Halls, located on the Boise River, are virtually identical, with forty-eight single and fifteen double rooms arranged into ten suites of from six to eight students.

Morrison Hall is a coed dorm, with the men and women living in opposite wings separated by lounges and laundry facilities. The dorm is restricted to upper-class students who pass a selection process based on academic standing and conduct.

Chaffee Hall is divided into two separate three-story units of approximately fifty men to a floor living in twenty-four double rooms, two single rooms and a Resident Advisor’s room per floor. Each student room is equipped with a telephone. Both units are connected by enclosed corridors to a Central Lounge and Control Unit. Each floor of Chaffee Hall is in a sense a separate living unit with a small informal lounge, study room, kitchenette, and laundry facilities.

Laundry facilities are available in each of the residence halls. Linens (sheets, pillow, pillow cases, and bath towels) are not provided and the student must also furnish blankets (2), iron, and a study lamp (lamps are not needed in Chaffee Hall or the Towers). All residents are required, as part of the housing contract, to take their meals in the College Union dining room. Students in the residence halls and others who have meal tickets are expected to dress for Sunday dinners.

Applications for room reservations should be made as early as possible. Contract for residence hall accommodations are for room and board for the entire academic year. Applications must be made on an official contract form and accompanied by a security deposit of $35.00.

D. Application Procedure

All inquiries and letters requesting information and application-contracts should be sent directly to:

Director of Housing
Boise State College
1910 College Boulevard
Boise, Idaho 83725

Applications for residence halls will be processed as soon as the following procedures have been completed:

1) A completed application-contract is sent to the Boise State College Housing Office with:
a. A $35.00 security deposit. Check or money orders should be made out to Boise State College. This deposit is not to be construed as a partial payment for the cost of room and board. It is held (after assignment) as a damage deposit and is refundable when the student permanently moves out of the residence hall as specified in Residence Hall Contract Conditions, Form 1A. Security deposits are forfeited if cancellation of a room assignment is not received prior to August 1 for the Fall Semester and January 3 for the Spring Semester.

b. Signature of parent or guardian for students under twenty-one.

2) After the items above are processed a tentative room assignment is made and the student notified.

3) This room assignment is officially confirmed after the student contacts the Housing Office to pay or make arrangements for room and board fees. The student will be advised of his specific room number when he moves into his hall.

ACCEPTANCE AND PROCESSING OF THE CONTRACT BY THE DIRECTOR OF HOUSING DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE COLLEGE, AND APPLICATION FOR ADMISSION IS NOT AN APPLICATION FOR HOUSING.

E. Off-Campus Student Housing

All unmarried students under 21 years of age must petition and obtain the written approval of the Office of Student Residential Life to live off campus. Lists of available housing are on file in the Housing Office. The college does not inspect the accommodations; parents and students must accept full responsibility for the selection. The college recommends that students and parents make written agreements with landlords concerning the obligation and expectations of each party.

As a matter of policy, assignments to College Residence Halls and other housing facilities are made without reference to race, creed or color, and the college expects privately owned accommodations offered through its listing service to be operated in the same manner. Listings are accepted only with this understanding.

Students over 21 years of age and/or married need not obtain approval but are welcome to contact the Housing Office for assistance.

All students are required to report any change of address, both temporary and permanent to the Office of Student Residential Life.

E. Married Student Housing

There are approximately 180 units available for full-time (8 credits or more) married students. Rates for the College Courts apartments are: $60.00 for small one-bedroom; $76.00 for large one-bedroom; $83.00 for two-bedroom; and $88 for three-bedroom. Electric refrigerators and ranges, drapes, and is completely carpeted. Coin-operated washing machines and dryers are located on the site. All other utilities, except electricity, are furnished.

A new 90 unit complex will open for occupancy around
STUDENT PERSONNEL SERVICES
Student Housing

ROOM AND BOARD SCHEDULE
(For Two Semesters—Estimated)

Morrison and Driscoll Hall:
<table>
<thead>
<tr>
<th></th>
<th>Board</th>
<th>Room</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>$550.00*</td>
<td>$350.00</td>
<td>$900.00</td>
</tr>
<tr>
<td>Double</td>
<td>$550.00*</td>
<td>320.00</td>
<td>870.00</td>
</tr>
</tbody>
</table>

The Towers:
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Double</td>
<td>550.00*</td>
<td>332.00</td>
<td>882.00</td>
</tr>
</tbody>
</table>

Chaffee Hall:
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>550.00*</td>
<td>394.00</td>
<td>944.00</td>
</tr>
<tr>
<td>Double</td>
<td>550.00*</td>
<td>342.00</td>
<td>892.00</td>
</tr>
</tbody>
</table>

*Includes sales tax.

General Residence Hall Regulations

Occupancy of a Hall is a privilege extended to the student by the College. The continuation is dependent upon his or her reasonable and satisfactory personal conduct and the observance of all College regulations.

1. Quarters are to be occupied only by the students for whom they are reserved. Neither room reservations nor meal tickets are transferable.

2. The College respects the students' right to privacy; however, the College reserves the right to enter a student's room at any time for health, safety, welfare and maintenance purposes.

3. All Residence Hall contracts are for both room and board. Contracts for room only are not available.

4. Room and board payments for the academic year become due and payable upon receipt of the letter of temporary assignment; confirmation of a room assignment cannot be made until financial terms of this contract are met by total payment or the three specified installments. Arrangements for payment other than the above must be made directly with the Housing Office.

5. Students who withdraw from school will be expected to move out of the residence halls immediately.

6. Students who reduce their course load to part-time status may be requested to leave the residence halls.

7. Students will be responsible for the furniture and fixtures in their rooms and for College property within the Hall. Where individual responsibility for damages can be determined, the individual will be charged. Otherwise, the charge will be made against the Hall or floor organization and prorated among the students living in that suite, floor, or area at the time the damage occurred.

8. Payment for damages during the academic year will not be taken out of or charged against the security deposit unless the damage charge is not paid. This deposit must remain intact until the end of the year or when the student leaves the College permanently.

9. Participation in fire drills is mandatory. Residents who fail to comply with this requirement and do not evacuate the Hall when the alarm rings may be asked to move out because the College cannot then accept responsibility for their safety.

10. Anyone found turning in a false alarm, tampering, damaging or in any way using fire equipment or safety apparatus for other than its intended use may be immediately dismissed from the residence hall, fined, and subject to further action by the College authorities. Electrical wiring or alteration of existing wiring by students is prohibited.

11. The use and/or possession of alcoholic beverages on campus is prohibited. This includes the display of empty alcohol containers in individual rooms or elsewhere.

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

13. Social Fee: There is a social fee levied at each dormitory in the amount of $10.00 a year, payable at check-in time.

14. Possession of firecrackers, gunpowder and/or other forms of explosives is prohibited.
Admission Requirements to the College

Applicants for admission must be at least 16 years of age. See Graduate Section for admission requirements to the Graduate School.

Undergraduate (have not earned B.A. or higher degree)

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

A. If NEW FRESHMAN (no prior post-high school credits earned):
   1. A completed application
   2. A $10 matriculation fee
   3. An official high school transcript or an acceptable GED certificate showing test scores
   4. ACT test scores
   5. A completed physical exam form

B. If TRANSFER STUDENT (prior enrollment at one or more post-high school institutions)
   1. A completed application
   2. A $10 matriculation fee
   3. Evidence of high school graduation or an acceptable GED certificate showing test scores
   4. ACT test scores or evidence of successful completion of English Composition sequence
   5. A physical examination, reasonably current
   6. Official transcripts from all previous colleges showing good academic standing

C. If VETERAN:
   1. A completed application
   2. A $10 matriculation fee
   3. An official high school transcript or an acceptable GED certificate showing test scores
   4. ACT scores or evidence of successful completion of English Composition sequence
   5. A physical examination, reasonably current, or a copy of DD214 (Service Record), reasonably current.

D. If FORMER FULL-TIME BSC STUDENT (has no post-high school institution since last BSC attendance):
   1. A completed application

E. If FORMER PART-TIME BSC STUDENT (has not fully matriculated at BSC and has attended no post-high school institutions since last BSC attendance):
   1. Same requirements as A above

II. Undergraduate students wishing to enter BSC as part-time (7 or fewer hours) students must submit:
   1. Only a completed application

III. Student wishing to enter BSC in the Summer School Program must submit:
   1. Only a completed application

IV. Students wishing to enter BSC in the Vocational-Technical Division must submit prior to the deadline date:
   1. A completed application
   2. A $10 matriculation fee
   3. GATB scores or high school transcripts with DAT scores
   4. Personal interview with Vocational-Technical Counselor
   5. Completed physical examination form
   6. DENTAL ASSISTING PROGRAM REQUIRES IN ADDITION: High school transcript or GED scores

Admission by BSC does not imply acceptance into special programs. Admission into such programs as Registered Nursing, Radiological Technology, and Inhalation Therapy are contingent upon acceptance by Program Director.

Application forms may be obtained upon request from the Admissions Office. High school and college records should be furnished on the transcript blanks of the institution at which the work was taken. Prompt attention to these details will avoid delay in registration.

Students who profess objections to physical examinations because of religious tenets will be excused from completing the physical examination form as prescribed above and a written certification of such objection will be filed with the Student Health Center.

Certificate of Admission—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 before registration to settle any questions that may arise and to receive by mail a Certificate of Admission one week before registration. Before a student may register, he must have a certificate signed by the Director of Admissions.

Students who complete matriculation after the cut off date must pick up their Certificate of Admission in the Director of Admissions Office.
STUDENT PERSONNEL SERVICES

Admissions

Veterans attending under the G.I. Bill of Rights (Chapter 34) or under the War Orphans Act (Chapter 35) should present their Certificate of Eligibility to the Registrar's office as soon as received in order to be certified for their attendance and eligible to receive benefits.

Veterans attending either full or part time and receiving G.I. benefits must have transcripts from previous schools sent to Boise State College.

Those attending under Chapter 31 (Rehabilitation Program) or any other provision of Title 38 United States Code, must present an Authorization of Entrance or be charged tuition and fees. Upon presentation of this Authorization, complete refund will be made.

For information concerning the G.I. bills contact the Veterans Administration Center first.

A. ADMISSION AS REGULAR STUDENTS

By Certificate—Admission to the College is based upon credentials showing graduation from an accredited high school and presentation of 15 acceptable units earned from the ninth grade through the twelfth as listed below under Summary of High School Requirements. Twelve units must have been earned during the tenth, eleventh, and twelfth grades.

A "unit" represents a high school subject taught five times a week in periods of at least 36 weeks. A certificate of secondary school records should be filled out and signed by the superintendent, principal, or other official of the school in which the work was done. It should show the length of each course in weeks, the length of each recitation, and the grades of scholarship attained, including a record of all failures and conditions. All certificates accepted toward admission to Boise State College become the property of the College, and are permanently filed among its records. They cannot be returned to the students.

Academic units shall be defined as English (composition and literature), foreign language, mathematics, social studies, and natural science.

Elective units may be taken from the academic subjects named as well as from vocational and other subjects commonly given in high schools with the following exceptions:

(a) Spelling, penmanship, reviews, project work in conjunction with regular courses, and work which is primarily of the nature of extracurricular activities.

(b) Less than one unit in foreign language, shorthand, typing or bookkeeping.

(c) Less than one-half unit in any subject.

(d) More than one unit in physical education and one in ROTC or two in ROTC.

SUMMARY OF HIGH SCHOOL REQUIREMENTS

For Basic Lower Division College Curricula

Minimum requirements:

<table>
<thead>
<tr>
<th>High Schools</th>
<th>(Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Algebra</td>
<td>1</td>
</tr>
<tr>
<td>Plane Geometry</td>
<td>1(1)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>2</td>
</tr>
<tr>
<td>Laboratory Science (from grade 10, 11 or 12)</td>
<td>1</td>
</tr>
<tr>
<td>Other Academic</td>
<td>2</td>
</tr>
<tr>
<td>Total Academic</td>
<td>10</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td>Total Units</td>
<td>15</td>
</tr>
</tbody>
</table>

*Not required but recommended. General Science is acceptable as an academic unit but not as a natural science.

Freshmen students who have graduated from an accredited high school will be considered for admission upon receipt of the various application materials and a high school transcript showing a date of graduation and signed by a certified member of the school district. If the student under consideration is below a 1.50 accumulative high school grade point average and does poorly on the ACT Series, he would then be asked to define in writing or through a personal interview his personal goals. Students who fall in this category are encouraged to work closely with the Admissions Office and Counseling Center.

A transfer student, whether resident or non-resident, should have a minimum accumulative grade point average of 2.00 from all other schools attended prior to being allowed to enter Boise State College. Borderline cases will be decided by the Admissions Committee with the exception of foreign students, who will be counseled by the Foreign Student Advisor.

ADMISSION POLICY FOR HIGH SCHOOL STUDENTS

Any currently enrolled high school student may enroll in a course or courses offered at Boise State, insofar as he has met the appropriate prerequisites simply by picking up a blank packet (which permits the student to register as a part-time student, allowing him to take up to seven credit hours) at the designated location. The student may register for credit or audit if it is determined in the best interest of the student involved.
B. ADMISSION OF TRANSFER STUDENTS

Students applying for admission as full-time students (8 or more hours) to Boise State College as transfer students from other accredited institutions are required to furnish the following material:

1) Completed application
2) $10 matriculation fee
3) High school transcript showing graduation date
4) Official transcripts from all post-high school institutions attended
5) Evidence of good academic standing at most recent institution attended
6) Physical examination, reasonably current
7) ACT test scores or evidence of successful completion of one year of college-level English composition

Credit from non-accredited institutions will be accepted on the basis of the practice as reported in The Report of Credit Given By Educational Institutions by the American Association of College Registrars and Admissions officers. Credit denied on the basis of such practice may be sought by examination.

C. ADMISSION BY EQUIVALENCY CERTIFICATE

Any application that is accompanied by a High School Equivalency Certificate will be processed exactly as it would be if a high school diploma were presented. Inquiries should be addressed to the State Department of Education, Statehouse, Boise, Idaho.

D. ADMISSION BY EXAMINATION

Applicants who have attained the age of eighteen years and who have achieved passing scores (45 or above) on all five of the General Educational Development tests will be admitted as Special Students (see below) in lieu of a high school diploma or an equivalency certificate, providing that the applicant has been away from high school for at least one year preceding his application.

E. ADMISSION AS SPECIAL STUDENT

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.

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 in the College with a grade point of 2.5 or better.

F. Admission to Vocational-Technical Courses

Any person who is interested in becoming a skilled craftsman or technician will be admitted to these 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 of high school algebra and one year of high school geometry for entrance to the Drafting or Electronics Technology programs. The College does not admit applicants under eighteen years of age who are attending high school at the time of application. In rare instances, however, a high school student may be admitted provided his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extracurricular activities must meet regular entrance requirements. (See eligibility requirements.) Credits in Vocational or Technical programs are not normally transferable toward an academic degree.

G. ADMISSION WITH ADVANCED STANDING

Students entering from other colleges must present proof of honorable dismissal and official transcripts mailed directly to the Director of Admissions. Students entering from other institutions must comply with the same scholarship regulations as are applied to students previously enrolled in the college. 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 semester hours or ½ the total hour requirement of the specific curriculum is established as the uniform maximum limit effective September 1, 1950.

H. ADMISSION WITH DEFICIENCIES IN GROUP REQUIREMENTS

Students who qualify for admission to the College but who fail to meet specific group requirements may be admitted with deficiencies to take courses for which they are prepared. All such deficiencies must be removed before graduation. Students entering with deficiencies will remove them by taking college courses, generally without college credit, or by taking work in a secondary school while taking part-time work at the college. College courses cannot be substituted for high school algebra and geometry. When college courses are taken to make up deficiencies, the time spent in such classes shall count twice as much toward making up deficiencies as does an equal amount of time spent in high school.

I. CHALLENGING COURSES—GRANTING CREDIT BY EXAMINATION

It is possible for a student to challenge a college course when he feels that because of his past background, education, and experience, he can pass an examination covering the subject material of a course. Requests for consideration are made through the Chairman of the Department in which the course is offered.

Each department shall have the option to allow or not to allow credit by examination for each course in the department. In those courses where credit by examination is allowed, the department shall have the option of using a standardized examination or an examination prepared within the department. The student attempting
to earn credit by examination shall, upon receiving his score for the examination, apply it under one of the following options:

(a) For a regular grade
(b) On a credit-no-credit basis whereby the student receives credit and no grade for the course if he passes the examination or no credit and no grade if he fails the examination.

J. CREDIT VS. AUDIT REGISTRATION

If you take a course for credit, you will be expected to attend class regularly, complete required assignments, and take the necessary examinations. If you take a course on an AUDIT basis, completing assignments, and taking examinations are optional. Courses may be taken only once for credit; however, they may be audited again, if desired.

A student auditing a course may change his status from audit to credit up to and including the last day allowed for registering for courses for credit (see Calendar, page vi). If a change is made, the student must pay any difference in a course cost and an additional $3.00 change-in-status fee. All changes must be initiated by the student.

A student may change from credit to audit up to and including the last day of mid-semester examinations.

After that date and up to and including the last day to withdraw from classes, a student may change from credit to audit only if he is passing at the time of the request. If a change is made, the student may request a refund of the difference between the fees due for audit registration and the fees paid for credit registration; such refund will be prorated in accordance with published BSC refund policies pertaining to general fees. In addition, the student will be charged a $3.00 change-in-status fee.

K. ACCEPTANCE INTO PROGRAM

A student must declare his major upon entering the upper division. The Registrar will evaluate the student's transcripts for acceptance into the College. The student will be sent to an advisor for assistance in formulating a program to fulfill all requirements for his declared major. The student is ultimately responsible for the selection of courses for his major and the degree.

ADMISSION OF FOREIGN STUDENTS

Boise State College 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 College.

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 College. Arrangements to take the TOEFL examination may be made by writing directly to TOEFL, Educational Testing Service, P.O. Box 592, Princeton, New Jersey 08540. U.S.A. The test must be taken and the scores received by the College prior to a decision on admission of the applicant.

Financial Statement: All foreign students must present to the 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 College.

Health and Accident Insurance: Boise State College recommends that foreign students accepted for admission have health and accident insurance. Boise State College makes available such a policy to all registered full-time students.

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, ATGSB scores (Admission Test for Graduate Study in Business). Satisfactory scores on the ATGSB examination are considered to be 450 or above.

Deadline for Application for Admissions: All foreign applicants must apply for admission (to include the taking of all tests and the filing of all required application forms and credentials) by the following dates:

For fall semester .............................. 1 June
For spring semester .......................... 1 September
For summer session ........................... 1 January

Upon completion of all the requirements and when final acceptance is granted to the applicant, an I-20 form will be issued to the applicant by the Office of Foreign Student Admissions.

ACADEMIC REGULATIONS

A. GRADING SYSTEM

A. Distinguished work—Four quality points per hour.
B. Superior work—Three quality points per hour.
C. Average work—Two quality points per hour.
D. Passing but unsatisfactory work—One quality point per hour.
F. Failure. No quality points per hour.
S. Satisfactory completion of certain courses.
U. Unsatisfactory completion of certain courses.
(NR) No report given
NC Non-graded course
Inc. The grade of incomplete can be given in cases where the student’s work has been satisfactory up to the last three weeks of the semester.

The returning student must contact the instructor and consider the following options:

1) Make up the work within the first half of the current semester
2) Request of both instructor and department chairman an extension of time
3) Retake - repeat the course
4) Request that the Incomplete be changed to a ‘W’.

If the student fails to contact the instructor by mid-
semester, the instructor can, at that time, change
the Incomplete to a ‘W’ or elect to extend the In-
complete into the next semester. Within that next
semester if the student contacts the instructor,
the procedure outlined above can be followed. If
there is no contact by the student, the instructor by
mid-semester will change the Incomplete to a
‘W’.

W. Official withdraw indicating passing work. For pro-
cedure, see regulations (paragraph F) below.

A student who receives a grade of ‘F’ in a given course
(if the course is still offered), may elect to retake that
course to raise the grade. In respect to a course in In-
dependent Study where the instructor refuses to permit
student to retake the study; where the student cannot
secure permission from another instructor to accept the
program of study; and, where the instructor has left the
institution, the grade of ‘F’ upon recommendation of the
department chairman, reverts to a ‘W’.

A student who receives a grade of D in a given course
may repeat that course to raise his grade, if in the
meanwhile he has not taken an advanced course for which
the first course is prerequisite. Degree credit for courses
so repeated will be given only once but the grade assigned
at each enrollment shall be permanently recorded.

In computing the grade point average of a student
with repeat courses, only the most recently received
grades and quality points shall be used for the first 16
credits repeated. In the case of further repetitions, the
grade point average shall be based on all grades assigned
and on all credits carried.

B. CLASSIFICATION OF STUDENTS

After registration students are classified as Fresh-
men, Sophomores, Juniors, Seniors or Graduate.

Freshman—From 0 semester credits through 25.

Sophomore—From 26 semester credits through 57.

Junior—From 58 semester credits through 89.

Senior—90 semester credits and over, but has not
received B.A. Degree.

Graduate—Has received B.A. degree.

A student enrolled and classified during the first
semester is not reclassified at the beginning of the sec-
one semester.

A student enrolled for 8 semester hours or more will
be considered a full-time student.

A student who is carrying less than 8 hours will
be classified as a part-time student.

C. ATTENDANCE AND ABSENCE FROM CLASS

Students are responsible for their attendance in the
courses for which they are enrolled. No absences, whether
approved by the College for participation in college-
sponsored activities, or necessitated by sickness or other
personal emergency, are “excused” in the sense of reliev-
ing the student of responsibility for work assigned or
carried on by a class during his absence. It is his respon-
sibility to arrange with his instructors to make up work
which he is forced to miss.

A student who has been absent from a meeting of a
class has lost some of the content of the course, regard-
less of the cause of the absence. If any student accum-
ulates absences to the extent that further participation
in the class seems to be of little value to him and detri-
mental to the best interests of the class, the instructor
shall warn such student that further absence may cause
him to fail the course.

D. ACADEMIC PROBATION AND
DISQUALIFICATION

The student whose academic work indicates that he
cannot continue in the college with profit to himself and
credit to the institution will be placed on probation; and if
he continues on probation for two semesters, he will be
subject to dismissal from the college. Satisfactory per-
formance means the orderly progression toward gradu-
ation maintaining a cumulative grade point average of 2.0
or better. The Cumulative-Grade Point Average will be
computed on all credits attempted.

The student who has a cumulative GPA of 1.5 or
lower and who has not been enrolled in a college or uni-
versity as a full-time student for a period of two consecu-
tive years, may upon returning full time to college status,
make application to the dean of the school for removal of
any grade below 1.0. With the approval of the dean of the
school in which the student is majoring, the GPA would
be recomputed to include all grades with the exception
of those dismissed. No change will be made in the trans-
cript of record. This instrument will only affect the GPA.

The student will be placed on probation whenever
the cumulative GPA falls 12 points below a GPA of 2.0.
This calculation is made by multiplying by two the total
credit hours in which he has been enrolled and subtrac-
ting twelve. If the answer so obtained is not exceeded by
the student’s total quality points, he will be subject to
this regulation.

Two successive probations will result in dismissal
from the college unless special permission to continue in
attendance is obtained from the dean of the school. Three
successive probations will result in dismissal for two
semesters with no opportunity for appeal of the decision.
Regardless of his cumulative GPA, no student will be dis-
missed if his GPA for the most recent semester is 2.25 or
higher.

The entering freshman whose high school GPA is 1.50
or lower will be limited to a maximum course load of 12
units including noncredit courses.

All students on probation will be limited to a maximum
course load of 12 credits including noncredit courses,
retakes, and repeats.

No student on probation may participate in college-
sponsored extra-curricular activities.

E. ADMISSION ON PROBATION

Students wishing to transfer to Boise State College
from other colleges and universities must have a GPA
of 2.00 or above on all prior collegiate work completed
or have cleared the probationary provision outlined
above. Transfer students from other colleges and univer-
sities who have failed to clear probationary provisions
STUDENT PERSONNEL SERVICES
Academic Regulations

outlined above may, upon written petition, be granted permission to enroll on probation by the Admissions Committee.

F. WITHDRAWAL

Withdrawal from Individual Courses. A student may withdraw from individual courses by securing a change in registration card from his advisor, which must be endorsed by the advisor and each instructor involved, then presented to the Registrar for signature, and then cleared with the Business Office. The date on which the Registrar signs the change card will be the official withdrawal date.

Complete Withdrawal from College. A student may officially withdraw from college (all courses) only by securing a withdrawal permit from the Office of Student Advisory and Special Services and having it signed by same. This office will advise the student of the offices he must clear with before presenting the complete withdrawal to the Registrar's Office. After clearance with the Registrar the student is sent to the Business Office for final clearance.

A student may withdraw prior to the end of mid-semester examinations (see specific date on College Calendar) without penalty for failing work. If the student withdraws after the end of mid-semester examinations, he may receive a grade of "W" only if his work is passing as of the official withdrawal date and an "F" in all courses in which he is failing. A student may not withdraw from college or from individual courses during the last three weeks of a semester, including final examination week. Students discontinuing a course without having completed an official withdrawal shall be awarded a grade of "F."

The responsibility for withdrawing from individual courses rests with the individual student; but in certain situations the instructor may initiate the withdrawal.

1. If the student registers for the course but never attends.
2. If the student registers for the course, attends briefly, and then neglects to withdraw from the course.
3. If the student registers for the course on an audit basis but never attends, or attends for only a brief period.

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

Right of Appeal:

In cases where a strict application of this regulation seems—in the opinion of an instructor, advisor or a student—to work an unreasonable hardship, the Office of Student Advisory and Special Services is authorized to grant exceptions.

G. MAXIMUM LOAD

No student shall be allowed to enroll for more than 18 hours without special permission from the Dean of the School in which his major falls, unless more hours are specified in his curriculum.

H. COURSE PREREQUISITE WAIVER

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 his request on the basis of background, education, and experience to the satisfaction of the Dean of the School.

I. CREDIT FOR PREREQUISITES NOT TAKEN

Students who have a sufficiently high GPA or ACT score, or who pass a Departmental Placement examination may take designated courses without taking 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) will be given credit with a grade of "S" for that course(s) when the following conditions are fulfilled:

1. The student makes application for this credit.
2. Department Chairmen, and Deans will determine for which prerequisite course(s) this credit is appropriate.
3. In some cases, an examination covering the content of the prerequisite course(s) must be passed by the student.

J. PETITIONS

Individuals or groups of students always have the privilege of petition. Academic petitions should be addressed to the Dean of the appropriate school. Other petitions should be directed to the appropriate administrative officer.

K. UNDERGRADUATE ENROLLMENT IN 500-LEVEL COURSES

Undergraduate students at Boise State College may apply up to a total of two 500-level courses (they would enroll under special status) toward the credit requirements for their undergraduate degree. Undergraduates in 500-level courses must have senior standing. 500-level courses may be applied to the required 40 hours of upper-division credits.
STUDENT PERSONNEL SERVICES
Graduation

STUDENTS UNDECIDED ON MAJOR

Many students have not determined a major field of study at the time they enter college and wish to enroll in general courses until such time as they decide upon a major. Often it is not necessary to determine a major until the beginning of the junior year.

The following course suggestion for the freshman year includes those basic requirements for a Bachelor of Arts Degree. Within this program a student may choose from several courses listed in each area. An elective course should be chosen from the School of Business. These courses will be counted toward graduation either as electives or possibly as requirements in the major field once it has been chosen. For minimum requirements on the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Music, and Bachelor of Fine Arts Degrees, please refer to pages 30-32 of this bulletin.

AREA I

Art
Humanities
Literature
Music
Philosophy
Theatre Arts

AREA II

Anthropology
Communications
Economics
Geography
History
Political Science
Psychology
Sociology

AREA III

1. A year’s sequence chosen from:
   Biological Science
   Mathematics
   Physical Science (Includes C, GO, PS and PH courses)
   With additional credits from a field other than that chosen to satisfy the sequence requirement
or
2. Any three of the following courses:
   Biology—Concepts of Biology
   Chemistry—Concepts of Chemistry
   Geology—Fundamentals of Geology
   Mathematics—Cultural Approach to Math
   Physical Science—Foundations of Physical Science
   Physics—Introduction to Descriptive Astronomy

A freshman who is working part time should probably not plan to carry the number of credits suggested in the preceding program. The number of credit hours advisable should be determined by talking with a faculty advisor prior to registration.

* Determined by student score on ACT exam. See below.

Boise State College Graduation Requirements

GRADUATION

A student must make formal application for graduation by filing with the Registrar the application form which is obtained at the Registrar’s Office. Normally this application should be submitted two semesters before the contemplated graduation. Graduation fees are listed in Part I of the catalog.

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

GENERAL COLLEGE (CORE) REQUIREMENTS

To receive a Baccalaureate degree from Boise State College all students must meet the following general requirement.

English Composition

English composition, E 101 and E 102, must be successfully completed by all students with the following exceptions:

a. Students scoring in the 80th percentile or above on the ACT national norms are exempt from E 101.

b. Any student, with the recommendation and permission of the English Department may take the departmentally specified competency test and upon passing it be exempt from E 101.

All entering freshmen scoring below the 20th percentile on the ACT national norms are required to take Remedial English (E 010) and to pass with an S grade before being admitted to E 101.
ALL BACCALAUREATE DEGREES

I. General College Requirements (minimum)
   A. Total credit hours .................................. 128
      Must include:
      1. English Composition .......................... 3-6
      2. Upper Division credit hours ............... 40
   B. Grade Point Average for all courses taken ....... 2.0

II. Other College Requirements
   A. Minimum requirements for one of the degrees offered.
   B. Specific requirements for a departmental major.
      1. A student must have a minimum cumulative 2.00 G.P.A. in all courses required by his major.
      2. A student will not be allowed credit toward his major department requirements for any grade of "D" in upper division courses in his major department.
   C. A minimum of 15 credit hours of electives outside of the major field.

III. Minimum Credit Hours in Residence
     Minimum credit hours in residence: 30 credit hours of which the last 15 credit hours prior to graduation must be taken at the College during the regular or summer sessions.

IV. Extension, Correspondence and Religion Courses
     Total hours of extension or correspondence courses that may be allowed: not more than 24 credit hours of which not more than 12 credits may be in correspondence study. Permission to take correspondence courses while in residence at Boise State College must be received in advance by filing an application for such courses with the Dean of the appropriate school.

     Such correspondence courses must be completed and the transcript filed with the registrar prior to mid-term of the semester in which the last 15 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.

V. Requirements for Additional Baccalaureate degree
   a. A minimum of thirty additional semester hours of resident work, beyond the hours required for his first degree, for each subsequent degree.
   b. Satisfaction of upper-division requirements in the major field selected as recommended by the department and approved by the dean of the school in which the additional degree is to be granted.
   c. Satisfactory completion of other requirements of the college as approved by the dean of the school in which the additional degree is to be granted or sought.

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

BACHELOR OF ARTS DEGREE

Minimum Requirements (Credits)

A. General College requirements—3 or 6* credits
   1. English Composition .......................... 3 or 6

B. Area I requirements .............................. 12
   1. Literature ..................................... 3
   2. Three credits in a second field
      Three credits in a third field
      Three credits in any Area I field
   3. Three credits from 2 may be in performance courses

   Area I is composed of the following fields:
   Art AR
   Humanities HU
   Literature **
   Music MA, ME, MU
   Philosophy PY
   Theatre Arts TA

C. Area II requirements .......................... 12
   1. History ....................................... 3
   2. Three credits in a second field
      Three credits in a third field
      Three credits in any Area II field

   Area II is composed of the following fields:
   Anthropology AN
   Communications CM
   Economics EC
   Geography GG
   History HY
   Political Science PO
   Psychology P
   Sociology SO

D. Area III requirements .......................... 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:
      Biology—Concepts of Biology
      Chemistry—Concepts of Chemistry
      Geology—Fundamentals of Geology
      Mathematics—Cultural Approach to Math
      Physical Science—Foundations of Physical Science
      Physics—Introduction to Descriptive Astronomy

   Area III is composed of the following fields:
   Biology—B, BT, EH, Z
   Chemistry—C
   Geology—GO
   Mathematics—M
   Physical Science—PS
   Physics—PH

E. Students seeking the B.A. degree must have an additional 9 credits chosen from Areas I and/or II or one year of a foreign language.

F. Departmental major
BACHELOR OF SCIENCE DEGREE

Minimum Requirements (Credits)

A. General College requirements ........................................... 3 or 6
   1. English Composition 3 or 6 credits

B. Area I requirements ....................................................... 12
   1. Three fields must be represented
   2. Three credits may be in a performance course
   
   Area I is composed of the following fields:
   - Art AR
   - Humanities HU
   - Literature **
   - Music MA, ME, MU
   - Philosophy PY
   - Theatre Arts TA

C. Area II requirements ....................................................... 12
   1. Three fields must be represented
   
   Area II is composed of the following fields:
   - Anthropology AN
   - Communication CM
   - Economics EC
   - Geography GG
   - History HY
   - Political Science PO
   - Psychology P
   - Sociology SO

D. Area III requirements ....................................................... 12
   1. Two fields must be represented
   
   Area III is composed of the following fields:
   - Biology B—BT—EH—Z
   - Chemistry C
   - Geology GO
   - Mathematics M
   - Physical Science PS
   - Physics PH

E. Students seeking the B.S. degree must have an additional 9 credits chosen from Areas II and/or III.

F. Departmental major

* Determined by student score on ACT exam.
** 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 ....................................................... 3-6

B. Area I Requirements ....................................................... 6

C. Area II Requirements ....................................................... 12
   1. Economics ....................................................... 6
   2. Area II credits other than in economics .................................. 6

D. Area III Requirements ....................................................... 11-12
   1. Two-semester sequence in math ......................................... 8
   2. One semester physical or biological science ................................ 3-4

   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-100
   - Man and His Environment, EH-200

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 definitive areas as defined:

Area I
   - Humanities
   - Theatre Arts
   - Art
   - Music
   - Philosophy
   - Literature

Area II
   - Anthropology
   - Communication
   - Geography
   - History
   - Political Science
   - Psychology

Area III
   - Biological Sciences
   - Mathematics
   - Physical Sciences

F. A major in Accounting, Business Education, Economics, Finance, General Business, Industrial Business, Marketing or Office Administration meeting all specific requirements for the major—see requirements in Part IV.


**BACHELOR OF MUSIC DEGREE**

*Minimum Requirements (Credits)*

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

B. Area I Requirements ........................................... 9
   1. Literature .................................................. 3
   2. Three credits in a second field ............................ 3
   3. Three credits in any Area I field ......................... 3

Area I is composed of the following fields:
- Art AR
- Humanities HU
- Literature
- Music History
- Philosophy PY
- Theatre Arts TA

C. Area II Requirements ........................................... 9
   1. History ...................................................... 3
   2. Three credits in a second field ............................ 3
   3. Three credits in any Area II field ......................... 3

Area II is composed of the following fields:
- Anthropology AN
- Communication CM
- Economics EC
- Geography GG
- History HY
- Political Science PO
- Psychology P
- Sociology SO

D. Foreign Language and Area III Requirements .................. 8
   1. 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 c. 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 75-76 in the catalog.

* Determined by student score on ACT exam. See page 33.
** Literature — Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.
*** A maximum of three credits of Music History will be allowed to count in Area I.

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**BACHELOR OF FINE ARTS DEGREE***

*Minimum Requirements (Credits)*

A. General College Requirements .................................. 3-6
   1. English Composition ........................................ 3-6

B. Area I Requirements ........................................... 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

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

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

D. Area III Requirements ......................................... 8
   A year's sequence chosen from the following:
   - Biological Science
   - Mathematics
   - Physical Sciences
   or any two of the following:
   - Concepts of Chemistry
   - Concepts of Biology
   - Fundamentals of Geology
   - Cultural Approach to Math
   - Foundations 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.

G. In addition to the above Degree requirements, a minimum of 15 credit hours is required for graduation in electives outside of the major field.

* A candidate for the BFA degree must have Art Department approval during his Junior year.
** The Physical Sciences include C, GO, PS, PH courses.
BACCALAUREATE DEGREE PROGRAMS

Boise State College offers Baccalaureate Degree Programs in the following majors:

Accounting
Advertising Design
Art
Art, Secondary Education Option
Biology
Biology, Secondary Education Option
Business Education
Chemistry
Chemistry, Secondary Education Option
Communication
Communication, Secondary Education Option
Criminology
Earth Science Education
Economics
Economics, Social Service Secondary Education Option
Elementary Education
English
English, Secondary Education Option
Environmental Health
Finance
General Business
Geology
History
History, Secondary Education Option
History, Social Science Secondary Education Option
Information Sciences
Industrial Business
Management
Marketing
Mathematics
Mathematics, Secondary Education Option
Medical, Technology
Music
Music, Secondary Education Option
Office Administration
Physical Education, Secondary Education Option
Political Science
Political Science, Social Science Secondary Education Option
Pre-Dental Studies
Pre-Medical Studies
Psychology
Social Science
Social Science, Secondary Education Option
Social Work
Sociology
Sociology, Social Science Secondary Education Option
Theatre Arts
Theatre Arts, Secondary Education Option

STUDENT PERSONNEL SERVICES
Degrees Offered

ADVANCED DEGREES

Master of Business Administration
Master of Arts in Elementary Education

OTHER DEGREES

Boise State College grants Associate of Science, Associate of Applied Science Degrees, Diplomas, and Certificates of Completion to students completing programs whose specific course requirements are stated in other sections of the catalog. A cumulative G.P.A. of 2.00 is required. Those courses currently offered are listed as follows:

Associate of Science
Medical Record Technician
Respiratory Therapy
Registered Nursing
Fashion Merchandising—Mid-Management
Secretarial Science
Marketing—Mid-Management
Criminology
Medical Secretary

Associate of Applied Science
Drafting Technology
Electronics Technology

Diploma
A diploma will be granted upon successful completion of the following two-year programs:
Horticulture
Machine Shop
Office Machine Repair
Welding (2-year program)

Certificate of Completion
A certificate of completion is granted for completion of less than 2-year programs and for completion of other authorized programs, such as seminars, workshops, special interest community courses, etc.
STUDENT PERSONNEL SERVICES

Course Designation

The course designation system code uses one or two letters to indicate courses within specific areas of interest. In many cases the letters used will suggest the courses indicated but should not be considered abbreviations. Areas of interest are grouped by School and Department following the organizational pattern of the remainder of the catalog.

SCHOOL OF ARTS AND SCIENCES

Department of Art
Art ........................................ AR
Department of Biology
Biology .................................... B
Botany ................................... BT
Environmental Health ................. EH
Forestry .................................. FS
Zoology ................................... Z
Department of Chemistry
Chemistry ................................ C
Department of Communication
Communication ......................... CM
Department of English
English .................................... E
Humanities ................................. HU
Linguistics ................................ LI
Department of Foreign Languages
Foreign Languages ...................... FL
French ...................................... F
German .................................... G
Spanish .................................... S
Department of Geology
Geology ................................... GO
Geography ................................ GG

Department of Home Economics
Home Economics ........................ HE
Department of History
History ..................................... HY
Department of Mathematics
Mathematics ............................... M
Department of Music
Music, Applied (Performance) ....... MA
Music, Ensemble ......................... ME
Music, General .......................... MU
Department of Political Science
Political Science .......................... PO
Philosophy ................................ PY
Department of Physics, Engineering and Physical Science
Engineering ............................. EN
Physics .................................... PH
Physical Science ......................... PS
Department of Societal and Urban Studies
Anthropology .............................. AN
Criminal Justice Administration ...... CR
Social Work ................................. SW
Sociology .................................. SO
Department of Theatre Arts
Theatre Arts ............................... TA

SCHOOL OF BUSINESS

Department of Accounting and Data Processing
Accounting ............................... AC
Data Processing .......................... DP
Department of Business Education and Office Administration
Business Education ..................... BE
Office Administration .................... OA
Department of Economics
Economics ................................. EC
Department of General Business
Aviation Management .................... AV
Finance .................................... FI
General Business ........................ GB
Management .............................. MG
Marketing, General ...................... MK
Marketing, Mid-Management .......... MM
Real Estate ................................ RE
Master of Business ...................... MB

SCHOOL OF EDUCATION

Department of Health, Physical Education and Recreation
Physical Education ..................... PE
Department of Psychology
Psychology ................................. P
Department of Teacher Education and Library Science
Library Science ........................ LS
Teacher Education ...................... TE

SCHOOL OF HEALTH SCIENCES

Health Sciences
Health Sciences .......................... H
Medical Records Technology .......... MR
Registered Nursing ..................... RN
Respiratory Therapy (formerly Inhalation Therapy) .... RT

SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION

Vocational Two-Year Programs
Horticulture Service Tech ................ HO
Machine Shop ............................. MS
Office Machine Repair ................... OM
Welding .................................. W
Pre-Technical Non Credit Program .... PT
Technical Two-Year Program
Child Care ................................. CC
Drafting Technology ..................... DT
Electronics ................................ ET
Food Service Technology ............... FT
Vocational One-Year Programs
Auto Body ................................. AB
Auto Mechanics .......................... AM
Dental Assistant ........................ DA
Operating Room Technology .......... OR
Parts Counterman ......................... PC
Practical Nursing ........................ PN
Basic Welding ............................ W
COURSE NUMBERING

Courses within the major code groups are numbered on the basis of the following:

000-099 Terminal credit and non-credit courses (including remedial, evening vocational, and adult education courses)

100-199 Freshman level courses

200-299 Sophomore level courses

300-499 Upper division level courses

500-above Graduate level courses

Upper division level courses, numbered at the 300 or 400 level may be given g or G designation to carry graduate credit. The designations have the following significance.

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.

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

COLLEGE-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 496) must be arranged between student and teacher on an individual basis. The course description will not appear in other sections of the catalog. Individual conference, workshop and special topic courses (294, 297, 494, 497) will be described in the "Class Schedule and Registration Information" brochure published each semester.

**188 Honors Independent Study**—1-3 credits

An independent study experience to provide an Honor 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

**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 College.

**297 Special Topics**—2-4 credits

A student may apply a maximum of 12 credits of Special Topics (both 297 and 497) toward graduation.

**496 Independent Study**—1-4 credits

Individual study of either a reading or project nature. Offered on demand. Prerequisite: consent of instructor and department chairman.

**497 Special Topics**—2-4 credits

May be repeated for a maximum of 12 credits—297 plus 497. Prerequisite: advanced standing and consent of instructor and department chairman.

**498, 499—Senior Seminar**—1-2 credits maximum

Prerequisite: senior standing in a major area.

GRADUATE

The following numbers may be used by any department, with variable credit, to offer credits for the type of activity indicated in the titles and explanatory notes. Limits on the amount of credits of any one type (e.g., any one number category) which may be applied on a given degree will be set by the graduate council. His supervising professor or committee will determine for any one student those credits of the standardized type which may apply to his individual program.

**580-589 Selected Topics**

The intention is that the subjects normally offered and studied in any one department will be divided into no more than 10 areas. One of the numbers 580 and 589 will then be assigned a given area on a permanent basis. The topics considered in the courses in any one area will generally vary from semester to semester, but repeated use of any one number will always imply that the topics continue to be selected from just one area.

**590 Practicum**

**591 Research**

**592 Colloquium**

**593 Thesis**

**594 Extended Conference or Workshop (Graded A through F)**

**595 Reading and Conference**

**596 Independent Study**

Master’s programs at Boise State College may include independent study credits, at the discretion of the graduate student’s supervising committee or professor, through a limit of (9) semester hours, with no more than (6) credits in any one semester or session.

**597 Special Topics**

**598 Seminar**

**599 Short Term Conference or Workshop (Graded Pass or Fail)**

Generally, the 599 number is used only for courses meeting 3 weeks or less, and 594 for courses meeting more than 3 weeks. The decision, however, is made in all cases by the department or school making the schedule.

* A maximum of 12 credits of Special Topics, 297 or 497 will be allowed to apply toward core requirements; however an unlimited amount may apply toward graduation. Special Topics courses must be within departments specified in each core area to meet core requirements.

35
INTERDISCIPLINARY COURSES

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

HP 198, 298, 398, 498 Honors Seminar—1 credit
A seminar involving inter-disciplinary lectures and discussion for Honors Students. Topics are selected by the students. Credit or no credit will be given rather than letter grades.

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 not later than October 15 in order to receive credit or no credit.

SG 188, 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.

GE 497, 597 Special Topics in General Education—Variable credits

GS 501 History of Science—1800 to Present For Elementary Teachers—3 credits
(Course description Part VII of catalog)

NOTE
The courses contained in this catalog do not preclude or limit the College in its offerings for any semester or session nor does it restrict the College to the time block (semester) represented by the approved academic calendar for 1973-74.

Boise State College 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.
PART III

school of arts and sciences
The School believes that the purpose of men's lives is to know, to search, and to achieve, and that knowledge is necessary to the good life of free men. The School, therefore, provides an opportunity for each student to share in the accumulated experience of men of all times and places, hoping not only to lead each student to basic knowledge of the matter traditional to the School's major divisions of study, but also to stimulate students to exercise their own powers to range beyond the known — to dream a better possible human condition and devise ways of moving toward it.

To this end we hope to encourage students to be curious and wisely skeptical, learning that inquiry and intelligent doubt are often the first steps toward creation, achievement, and a fuller understanding of their own nature and potential.

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, Theater Arts, and in the Sciences — Biology, Chemistry, Earth Science, Geology, Mathematics. 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), and Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition.)

2. To offer undergraduate programs in Engineering, Physics, Home Economics, Forestry, and Wildlife Management.

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

ACTIVITIES

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 magazine designed to display the best efforts of both the faculty and student body of Boise State College.

Western Writers Series

The Boise State College Western Writers Series is publishing a booklet 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.

Brisas

The Department of Foreign Languages, with the cooperation of the Spanish Club members and departmental students and faculty, publishes each year a Spanish-English magazine focusing on various social and educational areas of Hispanoamerica.

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 inter-collegiate offerings of the Department of Communication including Debate, Reader's Theatre, and productions of plays from both the classical and modern repertoires in the college's unique Subal theatre; 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 an "American Historical Tours" presented by the college each year, as well as science fairs, environmental workshops, etc.

**DEPARTMENT OF ART**

Dr. Louis A. Peck, Chairman
Professors: Peck
Associate Professors: Oravez, Takehara

### REQUIREMENTS FOR ART MAJOR

**Bachelor of Arts Degree**

**General Art, Art Education, Advertising Design**

1. **General Art-Bachelor of Arts Program**
   1. General College and Basic Core Requirements ... *
   2. Art Major Requirements ... 45-45
      - Painting ... 14
      - Drawing ... 8
      - Design ... 4
      - Art History ... 6
      - Ceramics ... 3
      - Sculpture ... 3
      - Printmaking ... 3
      - Crafts ... 2
      - Lettering ... 2
      - Senior Seminar ... 2
   3. Electives ... 34-26
      ____________________________
      128-128

2. **Art Education-Bachelor of Arts Program**
   1. General College and Basic Core Requirements ... *
   2. Art Major Requirements ... 45-45
      - Painting ... 14
      - Watercolor ... 2
      - Drawing ... 6
      - Design ... 4
      - Art History ... 6
      - Ceramics ... 3
      - Sculpture ... 3
      - Printmaking ... 3
      - Crafts ... 2
      - Lettering ... 2
      - Senior Seminar ... 2
   3. Education Requirements for State Certification ... 20-20
      - Audio-Visual Aids ... 2
      - Foundations of Education ... 3
      - Secondary School Methods ... 3
      - Educational Psychology ... 3
      - Art Methods in Secondary Schools ... 3
      - Secondary Student Teaching ... 6
   4. Electives ... 14-6
      ____________________________
      128-128

3. **Advertising Design - Bachelor of Arts Program**
   1. General College and Basic Core Requirements ... *
   2. Art Major Requirements ... 47-47
      - Advertising Design ... 10
      - Painting ... 6
      - Drawing ... 6
      - Watercolor ... 2
      - Advertising Illustration ... 4
      - Design ... 4
      - Lettering and Layout ... 4
      - Art History ... 4
      - Printmaking ... 3
      - Creative Photography ... 2
      - Senior Seminar ... 2
   3. Electives ... 34-26
      ____________________________
      128-128

* Refer to page 30, 32 for basic core requirements.

**Assistant Professors:** Huff, Killmaster, Kober, Morgan, Russell, Skov, Watia

**Instructors:** Douglass, Ochi, Roberts, Schlaflly, Wright

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<thead>
<tr>
<th>I. General Art — Bachelor of Fine Arts Degree — Drawing and Painting Emphasis</th>
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<tbody>
<tr>
<td>1. General College and Core Requirements ... *</td>
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<tr>
<td>2. Art Major Requirements ... 65</td>
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<td>- Painting ... 14</td>
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<td>- Art History ... 10</td>
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<td>- Watercolor ... 4</td>
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<td>- Design ... 4</td>
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<td>- Printmaking ... 3</td>
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<tr>
<td>- Sculpture ... 3</td>
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<td>- Ceramics ... 3</td>
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<td>- Lettering ... 2</td>
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<tr>
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<tr>
<td>- Art Electives ... 4</td>
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<td>3. Professional Electives ... 29</td>
</tr>
<tr>
<td>____________________________</td>
</tr>
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<td>128</td>
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</tbody>
</table>

Recommended professional electives in the Drawing and painting emphasis: Upper Division Literature, Introduction to Philosophy, Ethics, Foreign Language, Upper Division History.

<table>
<thead>
<tr>
<th>II. General Art — Bachelor of Fine Arts Degree — Sculpture and Ceramics Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General College and Basic Core Requirements ... *</td>
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<td>3. Professional Electives ... 29</td>
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<tr>
<td>____________________________</td>
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</tbody>
</table>

Recommended professional electives in the Sculpture and ceramics emphasis: Geology, Introduction to Chemistry, Rocks and Minerals, Foreign Language, Upper Division History.

<table>
<thead>
<tr>
<th>III. Art Education — Bachelor of Fine Arts Degree — Drawing and Painting Emphasis</th>
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<tbody>
<tr>
<td>1. General College and Core Requirements ... *</td>
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<td>- The art major requirements for the art education option are the same as those for the general art option in both areas of emphasis.</td>
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<td>- Including Secondary Art Methods</td>
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<tr>
<td>- Audio-Visual Aids ... 2</td>
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<tr>
<td>- Foundations of Education ... 3</td>
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<td>- Secondary School Methods ... 3</td>
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<td>- Educational Psychology ... 3</td>
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<td>- Secondary Student Teaching ... 6</td>
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* Refer to page 30, 32 for basic core requirements.
### I. General Art

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### II. Art Education

Freshman year (see General Art Freshman Year)

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### III. Advertising Design

Freshman year (see General Art Freshman year)

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</tbody>
</table>

*Advertising Design Majors Only.

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**Notes:**
* Refer to pages 30-32 for basic core requirements.

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**Recommended Professional Electives:**
COURSE OFFERINGS

AR ART

Lower Division

100 Basic Drawing and Painting for Non-Art Majors — 2 credits
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. Four studio hours per week. Either semester.

101 Art History — 3 credits
A historical survey of painting, sculpture and architecture from Pre-historic art to art of the Renaissance. First semester.

102 Art History — 3 credits
A historical survey of painting, sculpture and architecture from the Renaissance to the present. Second semester.

103 Introduction to Art — 3 credits
A one-semester course designed to acquaint the general college student with the aesthetics of painting, sculpture, architecture, and related art forms. Either semester.

105 Basic Design — 2 credits
A two-dimensional theoretical and applied study of the structural organization underlying three-dimensional art forms such as sculpture, architecture and ceramics. Four studio hours per week. (Limited enrollment 2nd semester.) Either semester.

106 Basic Design — 2 credits
Theoretical and applied study of the structural organization underlying three dimensional art forms. Four studio hours per week. Advisable to take AR 105 prior to AR 106. First semester.

107 Lettering — 2 credits
A study of lettering techniques and various alphabetical forms; emphasis upon modern styles, spacing and layout. Four studio hours per week. Either semester.

108 Lettering and Layout — 2 credits
A study of lettering techniques used in advertising design, for advertising design majors. Four studio hours per week. Advisable to take AR 107 prior to AR 108. Second semester.

111 Drawing — 2 credits
Applied study of perspective, form, light and shade, and composition. Four studio hours per week. Limited enrollment second semester. Either semester.

112 Drawing — 2 credits
Introduction to the human figure. Four studio hours per week. Advisable to take AR 111 prior to AR 112. Second semester.

113 Painting — 2 credits
Emphasis on the techniques of transparent and opaque water base media. Four studio hours per week. Limited enrollment second semester. Either semester.

114 Painting — 2 credits
Emphasis on the techniques of opaque and transparent water base media. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Second semester.

115 Landscape Painting — 3 credits
Various styles and techniques in landscape painting in oil, watercolor and related media. Field trips. Six studio hours per week (semester basis). First summer session.

116 Landscape Painting — 3 credits
(Description same as 115 above.) Second summer session.

121 Crafts — 2 credits
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. Four studio hours per week. Advisable to take AR 105 & 106 prior to AR 121. First semester.

122 Crafts — 2 credits
Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized. Four studio hours per week. Advisable to take AR 105 & 106 & 121 prior to AR 122. Second semester.

131 Interior Decorating — 2 credits
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. Two hours lecture, one-half-hour demonstration per week. Either semester.

141 Photography Theory — 1 credit
Introduction to simple problems in the photographic process. Evening program only. Either semester.

143 Photography Laboratory — 1 credit
Actual work in taking, developing and printing pictures, both for technical development and creative growth. Evening program only. Two hours per week. Either semester.

203 Advertising Design — 2 credits
Special assignments in various techniques employed in advertising and commercial art; problems in layout, typography, and reproduction processes will be emphasized. Four studio hours per week. Advisable to take AR 105, AR 106, AR 107 and AR 108 prior to AR 203. First semester.

204 Advertising Design — 2 credits
Advanced assignments in various techniques employed in advertising and commercial art. Four studio hours per week. Advisable to take AR 203 prior to AR 204. Second semester.

211 Drawing — 2 credits
Anatomical rendering and analysis of the drawing in relation to creative composition. Four studio hours per week. Advisable to take AR 111 and AR 112 prior to AR 211. First semester.

212 Drawing — 2 credits
Drawing in various media from the human figure. Four hours studio per week. Advisable to take AR 211 prior to AR 212. Second semester.

215 Painting — 2 credits
Painting in oil with emphasis on various techniques and subject matter. Four hours studio per week. Advisable to take AR 113 and AR 114 prior to AR 215. First semester.

216 Painting — 2 credits
Creative work in oils and related media. Four studio hours per week. Advisable to take AR 215 prior to AR 216. Second semester.

217 Painting-Watercolor — 2 credits
Major emphasis will be in the use of transparent watercolor. Work will be outdoors from nature as well as studio work. Four studio hours per week. First semester.

218 Painting-Watercolor — 2 credits
Introduction to experimental techniques in the use of opaque waterbase media. Work will be outdoors from nature as well as studio work. Four studio hours per week. Advisable to take AR 217 prior to AR 218. Second semester.
225 Ceramics — 3 credits
An introduction to ceramics technique and materials. Molding, hand building, decoration, glazing, and firing will be given. Enrollment is limited. Six studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 225. First semester.

226 Ceramics — 3 credits
Beginning the use of the potter's wheel, molding, hand building, decoration, glazing and firing. Limited enrollment. Six studio hours per week. Advisable to take AR 225 prior to AR 226. Second semester.

231 Sculpture — 3 credits
Work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling, casting and constructing. Six studio hours per week. Advisable to take AR 105 or AR 106 prior to AR 231. First semester.

232 Sculpture — 3 credits
Continued work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling and casting. Six studio hours per week. Advisable to take AR 105 or 106 prior to AR 232. Second semester.

251 Introduction to Creative Photography — 2 credits
An aesthetic approach to the basic photographic skills of camera operation, film development, and enlarging of negatives. All work is in black and white. Two hours lecture and two hours laboratory work per week. Adjustable camera required. Either semester.

300 Contemporary American Art History — 3 credits
A survey of the major artistic trends of the 20th century that lead to the assumption of leadership in the visual arts by the United States. Beginning with the armory show, 1913, to the 1960's. Advisable to take AR 101-102 prior to AR 371. Each semester.

301 Nineteenth Century Art History — 3 credits
An in-depth study of important artists and movements in Europe and the United States; from neoclassicism in France to social commentary in America. First semester.

302 Twentieth Century Art History — 3 credits
An in-depth study of important artists and movements in Europe, Mexico and the United States; from Fauvism in France to trends in contemporary American art. Second semester.

303 Advertising Design — 3 credits
Design and preparation of art for reproduction, techniques and studio practices. 6 studio hours per week. Advisable to take AR 203 and 204 prior to AR 303. First semester.

304 Advertising Design — 3 credits
Design and preparation of art for reproduction, techniques and studio practices. 6 studio hours per week. Advisable to take AR 303 prior to AR 304. Second semester.

305 Visual Design — 3 credits
Advanced exploration of two-dimensional and three-dimensional design, continuing with problems in line, form, color, texture, and space. 6 studio hours per week. Advisable to take AR 105 and 106 prior to AR 305. First semester.

306 Visual Design — 3 credits
Advanced exploration of two-dimensional and three-dimensional design, continuing with problems in line, form, color, texture, and space. 6 studio hours per week. Advisable to take AR 305 prior to AR 306. Second semester.

309 Introduction to Printmaking — 3 credits
Introduction to the processes of woodcut, lithography, etching and etching. Advisable to take AR 105-106, AR 111-112, prior to AR 309. First semester.

310 Printmaking — 3 credits
Further concentration in two of the following four areas: woodcut, lithography, etching, serigraphy. Six studio hours per week. Advisable to take AR 309 prior to AR 310. Second semester.

311 Drawing — 3 credits
Advanced life drawing in various media. Six studio hours per week. Advisable to take AR 111, AR 112, AR 211, AR 212 prior to AR 311. First semester.

312 Drawing — 3 credits
Advanced life drawing in various media, with emphasis on personal creative approaches. Six studio hours per week. Advisable to take 311 prior to AR 312. Second semester.

315 Painting — 3 credits
Creative work in representational or non-representational areas in oil and related media. Six studio hours per week. Advisable to take AR 113-114, AR 215-216 prior to AR 315. First semester.

316 Painting — 3 credits
Continued study in representational or non-representational areas in oil and related media. Six studio hours per week. Advisable to take AR 315 prior to AR 316. Second semester.

317 Painting-Watercolor — 3 credits
Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 217 and AR 218 prior to AR 317. First semester.

318 Painting-Watercolor — 3 credits
Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 317 prior to AR 318. Second semester.

321 Elementary School Art Methods — 3 credits
For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed. Two lecture and four studio hours per week. Either semester.

325 Ceramics — 3 credits
Advanced 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. Six studio hours per week. Advisable to take AR 225 and 226 prior to AR 325. Individual instruction will be given. First semester.

326 Ceramics — 3 credits
Advanced study in the materials of ceramics, with emphasis on personal, creative approaches. Six studio hours per week. Advisable to take AR 325 prior to AR 326. Individual instruction will be given. Second semester.

331 Sculpture — 3 credits
Advanced study in the material and methods of the sculptor with emphasis upon welded steel and metal casting. Six studio hours per week. Advisable to take AR 231 and AR 232 prior to AR 331. First semester.

332 Sculpture — 3 credits
Advanced study in the material and methods of the sculptor, with emphasis in personal, creative approaches. Six studio hours per week. Advisable to take AR 331 prior to AR 332. Second semester.

341 Creative Photography — 3 credits
Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Two hour lecture, and four studio hours per week. Adjustable camera required. Advisable to take AR 251 prior to 341. First semester.
342 Creative Photography — 3 credits
Advanced study of photographic techniques with emphasis on personal creative approaches. Two hour lecture and four studio hours per week. Adjustable camera required. Advisable to take AR 341 prior to AR 342.

351 Secondary School Art Methods — 3 credits
Art education on the junior high school and senior high school levels. Three hours lecture per week. First semester.

361-362 Advertising Illustration — 2 credits
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. Four studio hours per week. Prerequisite: AR 203-204. Each semester.

409 Printmaking — 3 credits
Concentrated work in one of the following areas: Woodcut and wood engraving, etching and metal engraving, black and white and color lithography, collograph. Six hours studio per week. Advisable to take AR 309 and AR 310 prior to AR 409. Each semester.

411, 412 Life Drawing — 2 credits
An advanced life drawing class with emphasis on a classical anatomical study of the human figure. Four studio hours per week. Prerequisite: AR 111, 112, AR 211 and consent of instructor. Either semester.

415 Painting — 3 credits
Preparation for graduate study in opaque or transparent media. Six studio hours per week. Advisable to take AR 316 prior to AR 415. First semester.

416 Painting — 3 credits
Continued preparation for graduate study in opaque or transparent media. Six studio hours per week. Advisable to take AR 415 prior to AR 416. Second semester.

417 Painting-Watercolor — 3 credits
Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 417. First semester.

418 Painting-Watercolor — 3 credits
Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 431. First semester.

425 Ceramics — 3 credits
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. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 425. Individual instruction will be given. First semester.

426 Ceramics — 3 credits
Continued study in the materials of ceramics, with emphasis on the personal, creative approaches. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 426. Individual instruction will be given. Second semester.

431 Sculpture — 3 credits
Continued study in the material and methods of the sculptor with emphasis on welded steel and metal casting. Six studio hours per week. Advisable to take AR 331 and AR 332 prior to AR 431. First semester.

432 Sculpture — 3 credits
Continued study in the material and methods of the sculptor with emphasis in personal, creative approaches. Six studio hours per week. Advisable to take AR 331 and AR 332 prior to AR 432. Second semester.

498 Senior Seminar — 2 credits
Required reading, and written and oral reports, relative to the senior art majors' area of interest within the visual arts. First semester.
II. SECONDARY EDUCATION OPTION

1. General College and Baccalaureate Degree Requirements see pages 33-35 ........................................ 32
2. Major Requirements:
   A. Biology ......................................................... 40
      The same as for Biology Major except that the student will take one course from Biology Area 6 above.
   B. Chemistry ..................................................... 16
      The same as for a Biology Major
   C. Mathematics 115-116 ......................................... 10
3. Recommended Electives ........................................ 10-12
   The same as for a Biology Major
4. Education Requirements ....................................... 20
   Foundations of Education
   Educational Psychology
   Secondary School Methods
   Secondary Student Teaching
   Education Electives

RELATED PROGRAMS

The following programs that have been developed by and presented through the Biology Department are now offered through the School of Health Sciences. Refer to Part VI of the catalog for full information.

Medical Technology
Pre-Dental Hygiene
Pre-Dental, Pre-Medical Studies

BIOLOGY MAJOR

Bachelor of Science
(Suggested Program)

FRESHMAN YEAR:

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SOPHOMORE YEAR:

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BIOLOGY MAJOR

SECONDARY EDUCATION OPTION

Bachelor of Science
(Suggested Program)

FRESHMAN YEAR:

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SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
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<tr>
<td>Elementary Organic Chemistry</td>
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<td>Foundations of Education</td>
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<td>Area I Electives</td>
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JUNIOR YEAR:

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<td>4-7-8</td>
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<td>Systematic Botany</td>
<td>—</td>
<td>4</td>
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<td>Mec I Electives</td>
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SENIOR YEAR:

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ENVIRONMENTAL HEALTH

The environmental health scientist is concerned with the study and determination of the effects of environmental factors, singly and in the aggregate, upon the health of man. The need for such a program is evident when one considers the increasing demand for trained personnel in such areas as environmental pollution prevention, food inspection, and teaching. Environmental Health experts are employed by Federal, State, and Local agencies, private industry, and teaching institutions. Currently, there are vacancies at all levels in Idaho and surrounding states. This program is also listed in Part VI.

REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

Bachelor of Science

A. General Requirements (8 credits)
- English Composition .................................................. 6
- Physical Education Activities .................................... 2

B. Area I Requirements (12 credits)
- Electives .......................................................................... 12

C. Area II Requirements (12 credits)
- Psychology ......................................................................... 3
- Sociology ........................................................................... 3
- Electives ........................................................................... 6

D. Science Requirements (69 credits)
- General Chemistry .............................................................. 10
- Elementary Organic Chemistry ........................................ 6
- Math 105-106 or Math 111-112 ......................................... 10
- General Physics .................................................................... 8
- Advanced General Biology ............................................... 10
- General Bacteriology ......................................................... 5
- Entomology ........................................................................ 4
- Pathogenic Bacteriology .................................................... 4
- Food Microbiology ............................................................. 4
- Bioecology .......................................................................... 4
- Mammalian Physiology ..................................................... 4

E. Public Health Requirements (19 credits)
- Environmental Sanitation .................................................. 6
- Public Health Field Training ............................................... 8
- Public Health Administration .............................................. 2
- Man and His Environment .................................................. 3

F. Electives (15 credits)

Suggested Electives
- Principles of Data Processing
- Principles of Economics
- Speech
- State and Local Government
- Federal Government
- General Parasitology

FORESTRY AND WILDLIFE MANAGEMENT

Bachelor of Science

A. General Requirements (8 credits)
- English Composition .................................................. 3
- Introduction to General Chemistry ................................. 4
- General Forestry .............................................................. 2
- Mathematics .................................................................... 5
- Speech .............................................................................. 2
- Physical Education Activities ........................................ 1

B. Area I Requirements (12 credits)
- Principles of Economics .................................................. 3
- General Physics ............................................................... 4
- Advanced General Biology .............................................. 5
- Systematic Botany ............................................................ 4
- Technical Drawing ........................................................... 2
- Plane Surveying .............................................................. 3

TOTAL REQUIREMENTS: 111 credits

SCHOOL OF ARTS & SCIENCES
Department of Biology
## COURSE OFFERINGS

### B BIOLOGY

#### Lower Division

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<thead>
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<td>Concepts of Biology</td>
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<td>101-102</td>
<td>General Biology</td>
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<td>203-204</td>
<td>Advanced General Biology</td>
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<tr>
<td>205</td>
<td>Microbiology</td>
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<tr>
<td>302</td>
<td>Plant Anatomy</td>
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<td>303</td>
<td>General Bacteriology</td>
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<tr>
<td>310</td>
<td>Pathogenic Bacteriology</td>
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<td>343</td>
<td>Genetics - Lecture</td>
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<td>344</td>
<td>Genetics Laboratory</td>
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<td>365</td>
<td>Cytology</td>
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#### Upper Division

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<tr>
<td>401</td>
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<td>410</td>
<td>Food Microbiology</td>
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<td>412</td>
<td>General Parasitology</td>
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<td>423</td>
<td>Biocology</td>
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<td>498,499</td>
<td>Biology Seminar</td>
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<td>201</td>
<td>Systematic Botany</td>
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<tr>
<td>302</td>
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### BT BOTANY

#### Lower Division

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#### Upper Division

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<tbody>
<tr>
<td>302</td>
<td>Plant Anatomy</td>
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</tbody>
</table>

In their cellular organelles; the mechanism of mitosis, meiosis; chromosomal aberrations; the interactions of nucleus and cytoplasm; and cytological methods. Three 1-hour lectures and one 3-hour lab. Prerequisite: Advanced General Biology. Alternates with Microtechniques. 2-361, and is offered on odd-numbered years. First semester.

History of the development of the theory of evolution. A detailed treatment of the genetic evidence supporting the theory as derived from both plant and animal examples. A discussion of the evidence for vertebrate evolution including that for man. Prerequisite: one year of college biology or equivalent. Genetics recommended. Alternates with Parasitology. Second semester, odd numbered years.

A course concerned with those species of micro-organisms of economic importance to food and fermentation industries as they relate to problems of food poisoning and food-borne infections, pollution, spoilage, spoilage control and sanitation. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. First semester.

A general study of parasitism including the parasites of man. Lectures devoted to a phylogenetic survey of the parasitic animal groups. Laboratory provides experience in examination of host animals, detection and identification of major locally occurring parasitic groups. Two lectures and one three-hour laboratory per week. Offered alternate years with Organic Evolution. Prerequisite: Advanced General Biology or consent of instructor. Second semester, even numbered years.

A survey of the physical factors of the environment and the biological interrelationships of organisms and their effect on the mode of life and distribution of plants and animals. Three lectures per week. Prerequisite: Advanced General Biology or consent of instructor. First semester.

Field investigations into the broad areas of aquatic and terrestrial eco-systems. Study of population and community dynamics, structures, fluctuations, etc. Prerequisite: Weekend field trips will be taken, concurrent or prior enrollment in Biocology. First semester.

A review of pertinent literature on selected topics. Restricted to senior biology majors. Each semester.

This course is designed to acquaint the student with the internal structure of plant tissues, tissue systems and organs from a developmental standpoint. The study will be limited to the higher plants with emphasis on the Angiosperms. Two lectures and two 2-hour labs. Prerequisite: Advanced General Biology or consent of instructor. Second semester.
311 Plant Morphology — 4 credits
The student will become familiar with differences in the
embryology, development, physiology, anatomy and reproduc-
tive cycle of the various plant taxa. Three one-hour lectures,
two two-hour labs per week. Prerequisites: Advanced General

401 Plant Physiology — 4 credits
Plants process physical and chemical processes of plant body functions. It includes a study of cellu-
lar tissue and organ functions, the mineral requirements of the
plant, its metabolism, water uptake, photosynthesis, com-
pounds synthesized by plants and a brief discussion of soil chem-
istry. Prerequisite: Advanced General Biology and Elementary
Organic Chemistry. General Physics and Plant Anatomy are
recommended. First semester.

EH ENVIRONMENTAL HEALTH

301-302 Environmental Sanitation — 3 credits
First semester — A critical review of federal, state, and city ordinances affecting food processing and handling. Second
semester — Areas of special community sanitation problems concerning such as waste disposal, insect and rodent control,
industrial hygiene, and radiological sanitation, etc. Each se-

350 Public Health Field Training — 8 credits
Study of actual public health problems, code, compliance, recording procedures, degrading procedure, etc. Prerequisite:
Environmental Sanitation. Summer.

401 Public Health Administration — 2 credits
Organization, administration and functions of the various health agencies. Prerequisite: Environmental Sanitation. First
semester.

FS FORESTRY

Lower Division

101 General Forestry — 2 credits
A general survey of the entire field of forestry, the history
and social importance of forestry, timber management and
propagation of the important trees of the U.S. Two lectures per
week. Second semester.

Z ZOOLOGY

Lower Division

107 Human Physiology and Anatomy — 5 credits
For students in Home Economics, Pre-Nursing and Physi-
cal Education. Designed to give a general knowledge of the
more important physiological problems and of the anatomical
structure and functions of the human body.
Three lectures and two two-hour laboratory periods per
week. Not open for credit to students who have completed
Advanced General Biology. Each semester.

Upper Division

301 Comparative Anatomy — 4 credits
Dissection and study of representative types of vertebrates,
together with lectures and discussions of general vertebrate
anatomy with special reference to the evolution of the various
organ systems. Two lectures and two 3-hour laboratory periods
a week. Prerequisite: Advanced General Biology or consent of
instructor. First semester.

305 Entomology — 4 credits
A study of the biology of insects with emphasis on their
ecology, classification, morphology, physiology, and control.
The course includes exercises in collecting and identification
of local species. Two lectures and two 3-hour laboratory peri-
ods per week. Prerequisite: Advanced General Biology or con-
sent of instructor. Students are required to meet with the in-
spector sometime during the academic year which precedes
their enrollment in this course in order that they may commence
their collecting of specimens during the more productive summer
months. First Semester.

307 Invertebrate Zoology — 4 credits
Animal phylogeny and natural history of the marine
invertebrates and terrestrial arthropods exclusive of the
insects. Two lectures and two three-hour laboratories per week.
Prerequisite: Advanced General Biology or consent of the in-
spector. Second semester.

341 Ornithology — 3 credits
A lecture, laboratory and field course dealing with the clas-
sification, structure, identification, distribution and behavior of
birds. Two lectures and one two-hour laboratory period each
week. Prerequisite: Natural History of the Vertebrates or con-
sent of the instructor. Alternates with Mammalogy and is thus
offered on even numbered years. Second semester.

351 Vertebrate Embryology — 4 credits
An analysis of the development of vertebrates with special
emphasis on the experimental approach to morphogenesis in
lecture and classical descriptive embryology in the laboratory.
Two lectures and two three-hour laboratories per week. Pre-
requisite: Advanced General Biology or consent of instructor.
Second semester.

355 Natural History of the Vertebrates — 4 credits
A lecture, laboratory and field course dealing with the identifi-
cation, morphology, life cycle and habitat of fish, amphibians,
reptiles, birds and mammals. Special emphasis is placed on local forms. Two lectures and two three-hour labora-
tory periods per week, plus two weekend field trips. Prerequi-
site: One year of college biology, or equivalent. First semester.

361 Microtechnique — 3 credits
A study of the theory and practical application of proce-
dures involving fixation, staining, preparation of paraffin sec-
tions and whole mounts, and histochemical techniques. One
hour lecture and two 3-hour laboratory periods. Prerequisite:
Advanced General Biology or consent of instructor. Alternates
with Cytology, B-365, and is offered on even numbered years.
First semester.

400 Vertebrate Histology — 4 credits
A course dealing with the microscopic anatomy of cells,
tissues, and organ systems of vertebrates with major emphasis
on mammalian systems. Two one-hour lectures and two 3-hour
labs. Prerequisite: Advanced General Biology and either
Comparative Anatomy or Vertebrate Embryology are recom-
mended. First semester.

401 Mammalian Physiology — 4 credits
Lectures and laboratory exercises in animal physiology
dealing with the basic physiological functions of cells, tissues,
and organ systems of vertebrate animals. Prerequisite: Ad-
vanced General Biology and Elementary Organic Chemistry.
Three lectures and one 3-hour laboratory period per week.
Second semester.

411 Ichthyology — 4 credits
The taxonomic, morphological, physiological, ecological
and economic aspects of the fishes. Three one-hour lectures
and one three-hour laboratory per week. Prerequisite: Natural
History of the Vertebrates. First semester.

421 Mammalogy — 3 credits
A lecture, laboratory and field course dealing with the clas-
sification, identification, structure, distribution, and life habits
of mammals. Two lectures and one two-hour laboratory period
per week. Prerequisite: Natural History of the Vertebrates or
consent of instructor. Alternates with Ornithology and is of-
ffered on odd numbered years. Second semester.
## REQUIREMENTS FOR CHEMISTRY MAJOR

### I. Liberal Arts Option:
1. General College and Baccalaureate Degree Requirements. See pages 33-35.
2. Major requirements:

<table>
<thead>
<tr>
<th>Credits</th>
<th>A. Chemistry</th>
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<tr>
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<tr>
<td>10</td>
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<td>Physical Chemistry</td>
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### II. Secondary Education Option:
1. General College and Baccalaureate Degree Requirements. See pages 33-35.
2. Major requirements:

<table>
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<td>10</td>
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<td>Advanced Inorganic Chemistry</td>
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### B. Mathematics
Completion of Mathematics through Calculus M-206. 10-18

### C. Physics
3. Education Requirements  
(a) Foundations of Education  
(b) Educational Psychology  
(c) Secondary School Methods  
(d) Secondary Student Teaching  
(e) Education Electives

### III. CREDITS

#### A. Chemistry
- General Chemistry: 10
- Organic Chemistry: 10
- Physical Chemistry: 8
- Analytical Chemistry: 5
- Advanced Inorganic Chemistry: 4
- Instrumental Analysis: 4
- Chemistry Seminar: 2
- Chemistry Preparation or Independent Study: 2

#### B. Mathematics
Completion of Mathematics through Calculus M-206: 10-18

#### C. Physics
- General Psychology: 3
- Degree Requirements or Electives: 6
- Foundations of Education: 3

### FRESHMAN YEAR:

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### SOPHOMORE YEAR:

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<td>Mathematics</td>
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<td>Chemistry Preparations or Independent Study</td>
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</table>

**Total Credits:** 48
Course Offerings

C CHEMISTRY

Lower Division

100 Concepts of Chemistry — 4 credits
A descriptive, non-mathematical course designed to acquaint students with the science of chemistry and chemistry’s relationship 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 a part of a Chemistry sequence. Students who have received credit for C-102 or C112 may not receive credit for C-100. Three lectures and one 3-hour laboratory per week. Each semester.

101-102 Introduction to Chemistry — 4 credits
This course is designed for those whose curriculum does not require an intensive study of chemistry. The course deals with fundamental principals of chemistry. First semester — atomic and molecular structure, states of matter, general reac- tions, and solutions. Second semester — ionization, equilib- rium, redox, electrochemistry and an introduction to Organic Chemistry. The second semester also includes introductory, semi-micro, qualitative analysis. Three lectures and one 3-hour laboratory period per week. Each semester.

111-112 General Chemistry — 5 credits
A thorough study of the fundamentals and principles of chemistry involving their application to various elements. The second semester includes qualitative analysis on the semi-micro scale. This course is designed for those students whose curriculum requires a considerable knowledge of chemistry. Three lectures and two 3-hour laboratory periods per week. Recitations are included in the laboratory sessions. Prerequisite: high school chemistry. Each semester.

207-208 Elementary Organic Chemistry — 3 credits
An introductory course covering the fundamental principles and applications of organic chemistry. Designed for those students who do not require an intensive study of chemistry. Two lectures and one 3-hour laboratory per week. Prerequisite: Chemistry C-102 or C-112. Each semester.

211 Analytical Chemistry — 5 credits
Quantitative application of mass and volume relationships and analysis of organic compounds. Three lectures and two 3-hour laboratory periods per week. Prerequisite: General Chemistry C-112. First semester.

Upper Division

317-318 Organic Chemistry Lecture — 3 credits
A comprehensive study of organic compounds with empha- sis on reaction mechanisms and synthesis. Designed to fulfill the requirements of Chemistry majors. Chemical engineers, and professional and preprofessional students. Three lectures per week. Prerequisite: General Chemistry C-112. Each semester.

319-320 Organic Chemistry Laboratory — 2 credits
The first semester will cover the basic lab techniques used in Organic Chemistry and organic preparations. The second semester will deal with the interpretation of spectra and qualitative analysis. Two three-hour labs per week. Prerequisite: Chemistry 317-318 or concurrent enrollment. Each semester.

321-322 Physical Chemistry — 4 credits
A study of chemical thermodynamics, reaction kinetics, phase equilibria, electrochemistry, absorption, molecular structure, and quantum theory. Three lectures and two 3-hour labs per week. Prerequisite: General Chemistry C-112, General Physics PH-102 or Physics PH-221, and Calculus and Analytic Geometry M-206 or equivalent. Each semester.

341, 342 Glassblowing — 1 credit
Chemistry 341 is designed to acquaint the student with the basic techniques of scientific glassblowing. Practice in end to end joints, T-seals, ring seals, flaring, rounded ends and bulbs. Chemistry 342 is designed to give the student practice in the above techniques by the construction of more complicated apparatus such as distillation equipment. One three-hour lab per week. Prerequisite: Junior standing. Each semester.

402-402 Advanced Inorganic Chemistry — 2 credits
The first semester will cover atomic and molecular structure periodic properties, acid-base properties and the chemistry of the elements. The second semester includes chemical bonding, complex ions, coordination compounds, nonaqueous solutions and nuclear reactions. Two lectures per week. Prerequisite: two years of college chemistry. Each semester.

411 Instrumental Analysis — 4 credits
Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. Two lectures and two three-hour labs per week. Prerequisite: Analytical Chemistry C-211. Second semester.

417, 418 Chemical Preparations — Organic — 1 credit
A course designed to give students practical experience in the preparation of Organic compounds. The student will be assigned a number of compounds to prepare. May be taken either in one semester for 2 credits or in two semesters for 1 credit each semester. Prerequisite: Organic Chemistry C-318 and Senior standing. Offered on demand.

421, 422 Chemical Preparations — Inorganic — 1 credit
A course designed to give students practical experience in the preparation of inorganic compounds. The student will be asked to prepare a number of compounds. May be taken either in one semester for 2 credits or in two semesters for 1 credit each semester. Prerequisite: Physical Chemistry C-321 and C-322 and Senior standing. Offered on demand.

431 Introduction to Biochemistry — 3 credits
A study of the chemistry of biologically important compounds, and an introduction to metabolism. Three lectures per week. Prerequisite: C-208 or C-318. Second semester.

432 Biochemistry Laboratory — 1 credit
Identification, isolation, and reaction of biologically impor- tant compounds. One 3-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Second semester.

498, 499 Chemistry Seminar — 1 credit
Group discussions of individual reports on selected topics in the various fields of Chemistry. Prerequisite: Chemistry Major and Senior standing. Each semester.

*Certain courses cover somewhat similar subject matter, and credit cannot be granted for both courses. Credits for C-101, 102 will not be allowed if credit is given in C-111, 112. Credits for C-207, 208 will not be allowed if credit is given in C-317, 318.

A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
REQUIREMENTS FOR COMMUNICATION MAJOR

1. Completion of general college requirements for Bachelor of Arts degree as listed on pages 33-35.

2. Requirements for Communication major: all majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses:

   - CM 111 - Fundamentals of Speech Communication 3 credits
   - CM 201 - Methods of Inquiry 3 credits
   - CM 221 - Communication Process 3 credits
   - CM 421 - Theories of Communication 3 credits
   - CM 498 - Communication Seminar 2 credits

   Courses for Area of Emphasis: 26-29 credits

Total: 40-43 credits

COMMUNICATION MAJOR

Bachelor of Arts Program
(Suggested Programs)

INTERPERSONAL COMMUNICATION EMPHASIS

1. General College Requirements 3 credits
2. Departmental Core Requirements 14 credits
3. Suggested Courses, as follows:
   A. CM 131 - Listening 3 credits
      CM 251 - Discussion Methods 3 credits
      CM 307 - Interviewing 3 credits
      CM 431 - Small Group Process 8-9 credits
   B. CM 171 - Mass Communication: Concepts and Perspectives 8-9 credits
      CM 341 - Non-Verbal Communication 3 credits
      CM 351 - Socio-Cultural Communication 3 credits
      CM 361 - Organizational Communication 3 credits
      CM 412 - Persuasion 3 credits
      CM 478 - Public Relations 3 credits
   C. CM 321 - History of Rhetorical Theories 3 credits
      CM 331 - History of Public Address 3 credits
      CM 332 - Contemporary American Address 3 credits
   D. CM 112 - Argument and Debate 3 credits
      CM 113 - Competitive Speaking 3 credits
      CM 121 - Voice and Diction 3 credits
      CM 211 - Intermediate Speech Communication 3 credits
      CM 231 - Speech Construction and Delivery 3 credits
      CM 241 - Oral Interpretation 3 credits
      CM 271 - Journalistic Communication: Theory and Practice 3 credits
      CM 273 - Reporting and News Writing 3 credits
      CM 312 - Applied Speech Communication 3 credits
      CM 451 - Communication Practicum 3 credits
      CM 471 - Radio-TV Newswriting 3 credits

   Total: 40-43 credits

NOTE: A student with a single teaching field must complete at least 45 credits.
COMBINED MAJOR: COMMUNICATION—ENGLISH

A. With Journalism emphasis: Department requirements

<table>
<thead>
<tr>
<th>Course Offerings</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM COMMUNICATION</td>
</tr>
<tr>
<td>Lower Division</td>
</tr>
<tr>
<td>102 Professional Speech Communication — 2 credits</td>
</tr>
<tr>
<td>A course designed especially for two-year preprofessional curricula. Theory and principles involved in oral communication situations in the professional world; interviews, conferences, group process, and public speaking. Each semester.</td>
</tr>
<tr>
<td>111 Fundamentals of Speech-Communication — 3 credits</td>
</tr>
<tr>
<td>Fundamental principles of public speaking; audience analysis; interest and attention factors; listening; selection and organization of speech material; delivery. Practice in preparation and delivery of extemporaneous speeches. Students may not earn credits in this course and in Professional Speech Communication CM-102. Each semester.</td>
</tr>
<tr>
<td>112 Argumentation and Debate — 3 credits</td>
</tr>
<tr>
<td>Introduction to Argumentation and Debate and the role of each in a free society. Preparation for and participation in phrasing and analyzing propositions; briefing and presenting evidence; studying persuasion, refutation, fallacies of argument. Either semester.</td>
</tr>
<tr>
<td>113 Competitive Speaking — 3 credits</td>
</tr>
<tr>
<td>A concentrated study of and practice in intercollegiate contest speaking; for example: expository, persuasive, oratorical, interpretive and extemporaneous speaking. Either semester.</td>
</tr>
<tr>
<td>114 Intercollegiate Debate — 1 credit</td>
</tr>
<tr>
<td>Preparation for and participation in competitive debate using the current intercollegiate debate topic. Prerequisite: CM-112 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.</td>
</tr>
<tr>
<td>121 Voice and Diction — 3 credits</td>
</tr>
<tr>
<td>131 Listening — 3 credits</td>
</tr>
<tr>
<td>Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening. Each semester.</td>
</tr>
<tr>
<td>171, 172 Mass Communication: Concepts and Perspectives — 3 credits</td>
</tr>
<tr>
<td>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. Not to be taken concurrently with CM 271-272. CM 171-Fall semester. CM 172-Spring semester.</td>
</tr>
<tr>
<td>201 Methods of Inquiry — 3 credits</td>
</tr>
<tr>
<td>Introduction to methods of inquiry used in communication research, emphasizing their value and utility.</td>
</tr>
<tr>
<td>221 Communication Process — 3 credits</td>
</tr>
<tr>
<td>An introduction to and analysis of the process and problems in Communication. Emphasis upon contributions from speech and related disciplines. Each semester.</td>
</tr>
</tbody>
</table>
231 Speech Construction and Delivery — 3 credits
The theory and practice of speech construction. Application to specific audience situations. Delivery of manuscript speeches. Practice in various mass media. First semester.

241 Oral Interpretation — 3 credits
Practice in reading prose, poetry, and drama to help the student determine the logical and emotional meaning of a selection and project that meaning to his listeners. A portion of the time is spent in voice development. Either semester.

251 Discussion Methods — 3 credits
Study and practice in small group interaction; includes theory and concepts of planning and performing, social climate and group decision-making. Second semester.

271, 272 Journalistic Communication:

- Theory and Practice — 3 credits
  An experiential based study of journalistic theory and practice. Emphasis is placed on the production of mass media content, through closed circuit radio and television productions and laboratory publications. Not to be taken concurrently with Communication 171-172. CM 271. Fall semester. CM 272. Spring semester.

273 274 Reporting and News Writing — 3 credits
Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis will be placed on accuracy, conciseness and clarity in writing. Includes study of elements of newspaper styles — usage, grammar, punctuation, capitalization — and the use of copyreading symbols. Prerequisite: CM 171 or 172 or consent of instructor. Each semester.

275 Supervision of School Publications — 2 credits
For prospective teachers who plan to advise school newspapers and yearbooks, a study of fundamentals in writing, layout and management of scholastic publications. Spring semester.

Upper Division

307 Interviewing — 2 credits
An examination of the theory upon which communication behavior in dyadic situations is based. Practical experience in various types of interviews as confronted in business, in education, and in the professions. Spring semester.

311 Speech-Communication for Teachers — 3 credits
A course to improve prospective teachers' command of the communication processes used in effective teaching: emphasis on situations that confront teachers, instruction in phonetic analysis of American English speech sounds, assistance in self-improvement through the mastery of communication methods. Each semester.

312 Applied Speech Communication — 3 credits
An application of basic principles of speech communication to real life situations involving current community problems and issues. Prerequisite CM 111 or 102 or consent of instructor. Spring semester.

314 Intercollegiate Debate — 1 credit
Preparation for and participation in competitive debate using the current intercollegiate debate topic. Prerequisite: CM-114 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.

321 History of Rhetorical Theories — 3 credits
A study of the major rhetoricians from the classics of Aristotle, Plato, Sophists, Quintilian through Medieval-Renaissance and Modern, (Blair, Campbell, Whately) to contemporary theories of oral discourse. Either semester.

331 History of Public Address — 3 credits
A study of great addresses throughout history. An evaluation of the address, the spokesman, the historical context in which they spoke, their ideas and the effect of their advocacy on society. Fall semester.

332 Contemporary American Address — 3 credits
A continuation of Public Address covering the United States in the years 1960 to present. Spring semester.

341 Non-Verbal Communication — 2 credits
An examination of the function of non-verbal language codes in Communication. An analysis of space, time, color, form, and vocal language codes inherent in all areas of human communicative interaction. Emphasis on individual projects demonstrating non-verbal communication. Fall semester.

351 Socio-Cultural Communication — 3 credits
An analysis of societal and cultural influences on effective interpersonal Communication. A critical examination of specific communication problems and suggested correctives related to the function of society and culture. Alternate years.

361 Organizational Communication — 3 credits
The application of Communication theory and methodology to the study of Communication within the formal organization. Theories and problems of human Communication within and between organizations. Fall semester.

371 Copyreading and Editing — 3 credits
Techniques of reading newspaper copy; the use of proper copyreading symbols; laboratory work in editing and rewriting copy for publication. Prerequisite: CM 273 or 274 Fall semester.

372 Journalistic Communication Practicum — 1-4 credits
Designed for students who seek professional experience and professional careers. The course offers students training with professionals in the community. Prerequisite: Consent of the instructor. May be repeated for a total of 4 hours. Each semester.

375 Student Publications Techniques — 2 credits
A survey of techniques of writing, editing, layout, and design. Students without formal training or experience in Journalism will develop skills in newspaper production both by classwork and by work on the student newspaper. Students will meet in regular class and lab sessions under the supervision of the instructor. Each semester.

376 Yearbook Techniques — 1 credit
Techniques of layout planning, picture sizing, and writing copy for yearbooks. Recommended for members of the Les Bois staff and for students preparing to be publications advisors. Not intended for production of a yearbook. Spring semester.

401 Methods of Teaching Communication Arts — 3 credits
Analysis and planning of curriculum for speech-communication and drama, instructional materials and methods of teaching speech-communication and drama. Attention to classroom instruction techniques, development of behavioral objectives, forensics program management and play production. Spring semester.

412 Persuasion — 3 credits
Theories of human motivation as operative in individuals and groups: the role of evidence, reasoning, and ethical proof; the analysis of persuasive materials. Spring semester.

421 Theories of Communication — 3 credits
A critical evaluation of theories in the field of Communication. An examination of the interrelationships of definitions, models and theory. Analysis of related theories of communication: e.g., Anthropological, mass media, social-psychological. Fall semester.

431 Small Group Process — 3 credits
An advanced study of specific variables and theories affecting the communicative interaction of small groups. Focus upon small group behavior in terms of variables that affect group process: structure, interaction, transaction, roles, norms, and cohesiveness. Fall semester.
451 Communication Practicum — 1-4 credits
Directed study emphasizing the practical application of skills and theory relevant to human communication. An opportunity to focus on areas of special interest to the student. Prerequisite: Senior standing. May be repeated for a total of 4 credits.

471 Radio-TV Newswriting — 2 credits
Practice writing of radio-tv news, including timing and arrangement of material, adding script to film, techniques for condensing stories, deciding the importance of story material, preparation of "headlines," five and ten minute broadcasts. Prerequisite: Reporting and Newswriting CM 273-274. Fall semester.

478 Public Relations — 3 credits

498 Communication Seminar — 2 credits
A study of speech-communication problems together with presentation of paper(s) based on research into problems. Prerequisite: Senior standing. Each semester.

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 51 under the Department of Communication for the listing of requirements.
SCHOOL OF ARTS & SCIENCE
Department of English

Suggested Teaching Minor in English

Students who desire a teaching minor in English need no planned program to become certified, but in order to offer a student the best preparation and job qualification, the Department of English recommends the following program which it considers constitutes a valid minor in English. An advisor in English will assist a student wishing to follow such a minor or portion of it, if the student prefers.

**Advanced Composition** ............................................. 3
**Linguistics** ......................................................... 3
**E-301 or E-381** ....................................................... 3
**Survey of American Literature** .................................... 4
**Lower Division Literature** .......................................... 6
**Upper Division Literature** .......................................... 6

* Recommended: Humanities, HU 207 and HU 208; World Literature, E-230 and E-235; British Literature, E-240 and E-260.

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Course Offerings

**E ENGLISH**

Students who transfer from other schools with qualifying scores on objective tests, equivalent to those administered to Boise State College 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 requirement.

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**Lower Division**

**010 Developmental Writing — Non Credit**

The fundamentals of grammar, composition and reading required of students with ACT Group 1 Probability scores of below 20 or students whose first writing in E-101 is deficient. For students wishing basic review. Each semester.

**101 English Composition — 3 credits**

Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Prerequisite: ACT score 20 or S in Developmental Writing. Each semester.

**102 English Composition — 3 credits**

Advanced practice in expository writing, including analysis and interpretation of imaginative literature. Study of the relationship between literature and human experience. Prerequisite: E-101 or consent of Department Chairman. Each semester.

**120 English as a Second Language — 3 credits**

Basic skills in American English pronunciation, sentence structure, composition and reading for foreign students with TOEFL scores (or equivalent) of 500 or below. Practice in speaking & listening to current American English; reading and vocabulary development; elementary principles of English Composition. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

**121 English as a Second Language — 3 credits**

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. Prerequisites: Admission to College, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

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**Upper Division**

**301 Teaching English Composition — 3 credits**

Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, and integration of composition into all the other aspects of the total English program. Limited to teachers, students with a secondary option and a major or minor in English, or consent of the department. Prerequisites: Upper Division standing, and LI 305, introduction to Language. Studies, or inservice teaching. Either semester.

**305 Advanced Poetry Composition — 3 credits**

Prerequisite: instructor's consent based on evaluation of student's original work. Spring semester.

**306 Advanced Fiction Composition — 3 credits**

Short story or playwriting. Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.
320 Non-British Western World Drama — 3 credits
Aeschylus through Racine. Prerequisite: junior standing and E-102 or consent of the Department Chairman. Either semester.

336 Nineteenth-Century Continental Literature — 3 credits
Prerequisite: Junior standing and E-102 or consent of Department Chairman. Fall semester, alternate years. Not offered 1973-74.

338 Twentieth-Century Continental Literature — 3 credits
Prerequisite: Junior standing and E-102 or consent of Department Chairman. Spring semester, alternate years. Not offered 1973-74.

340 Chaucer — 3 credits
A detailed study of the poetic works of Geoffrey Chaucer. Prerequisite: Three units lower-division literature or consent of Department Chairman. Fall semester, alternate years. Not offered in 1973-74.

341 Medieval Non-Dramatic Literature — 3 credits
A detailed study of epic and romance genres in translation without concern for national limitations. Prerequisite: Three units lower-division literature or consent of Department Chairman. Either semester, alternate years.

345 Shakespeare: Tragedies and Histories — 3 credits
A study of representative Shakespearean Tragedies and Histories. Prerequisite: Three units lower-division literature or consent of Department Chairman. Spring semester.

346 Shakespeare: Comedies and Romances — 3 credits
A study of representative Shakespearean Comedies and Romances. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

347 Spenser — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. A study of the Faerie Queene and minor works. Either semester, alternate years.

348 Renaissance Non-Dramatic Literature — 3 credits
A study of non-dramatic Renaissance Literature prior to 1603. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. Not offered 1973-74.

349 Renaissance British Drama: Non-Shakespearean — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. A study of the Faerie Queene and minor works. Either semester, alternate years.

350 Earlier Seventeenth Century Non-Dramatic Literature — 3 credits
A study of the poetry and prose written by English authors such as Donne, Jonson, Bacon, Burton, and Marvell, who flourished during the first sixty years of the 17th century. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. Not offered 1973-74.

351 Milton — 3 credits
Selected prose and poetry of John Milton. Prerequisite: Three units lower division literature or consent of Department Chairman. Alternate years. Fall semester.

355 Dryden, Pope and Their British Contemporaries — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Alternate years. Fall semester.

357 Swift, Johnson and Their British Contemporaries — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years. Not offered 1973-74.

359 British Novel: Beginnings through Scott — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

360 British Romantic Poetry — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. A study of selected poetry and some prose of the Romantics from Wordsworth through Byron. Fall semester.

365 Victorian Poetry — 3 credits
Tennyson. Browning and contemporaries. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years.

366 Victorian Prose — 3 credits
A study of important non-fiction prose works written during the Victorian period. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years. Not offered 1973-74.

369 British Novel: Austen through Hardy — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester.

377 American Renaissance — 3 credits
Emerson, Hawthorne, and contemporaries. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

378 American Realism — 3 credits
Twain, James, and contemporaries. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

381 Methods of Teaching Secondary School English — 3 credits
Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: Introduction to Language Studies LI 305. Fall semester.

384 Literature of the American West — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

387 Twentieth-Century Anglo-American Poetry — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

389 Twentieth-Century Anglo-American Drama — 3 credits
Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

390 Folklore — 3 credits
Study of what folklore is, its written and oral traditions, its different genres, and the analogues — or variants related to different genres. Prerequisite: E-102 and junior standing or consent of Department Chairman. Either semester.

393 History of Literary Criticism — 3 credits
A survey of critical approaches to literature from Plato to the twentieth century. Prerequisite: Junior standing and a literature survey or consent of the Department Chairman. Fall semester.

394 Methods and Theories of Literary Criticism — 3 credits
Prerequisite: E-393 and Junior standing or consent of Department Chairman. A detailed study and application of major critical methods and theories. Spring semester.
SCHOOL OF ARTS & SCIENCES
Department of Foreign Languages

498 Senior Seminar — 2 credits
Required of all senior English majors. Prerequisite: Senior standing in English or consent of Department Chairman. Spring semester.

HU HUMANITIES
207-208 Introduction to Humanities — 3 credits
Definitions and redefinitions of culture: man's pursuit of meaning in literature, art, music, and drama. The origins, limits, and uses of the creative arts. The exploration of self, society, and the world through illusion. The humanities and the scientific imagination. "High" culture and "mass" culture. Each semester.

LI LINGUISTICS
305 Introduction to Language Studies — 3 credits
A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory. Fall semester.

307 Applied English Linguistics — 3 credits
Application of linguistic theory and concepts to the teaching of English grammar and composition. Analysis of specific problems of structure encountered in instruction. Examination of texts and materials, reports on pertinent articles in professional journals, and demonstrations. For teachers or prospective teachers of secondary schools. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

309 History of the English Language — 3 credits
A study of the periods in the development of English; Indo-European and Germanic backgrounds; development of writing; internal and social forces of change; dialects of English. Concentrated work with written documents in English language history. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

FL FOREIGN LANGUAGE
310 Methods of Teaching Foreign Languages — 3 credits
A lecture-discussion course intended for prospective and in-service language teachers. Various aspects of language teaching are considered, including class-room techniques, problems, audio-visual materials, and testing. Outside reading and a notebook required. Prerequisite: a minimum of two years of the same foreign language. or in-service teaching. Spring semester.

F FRENCH
Lower Division
101-102 Elementary French — 4 credits
This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing French. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school French or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to French Conversation and Composition — 2 credits
A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college French are not eligible.

201-202 Intermediate French — 4 credits
A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in French. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

DEPARTMENT OF FOREIGN LANGUAGES
Chairman
Associate Professor: Valverde
Instructors: Herbert, Hanley
Special Lecturer: Torbet
Emeriti: Power, deNeuville

REQUIREMENT FOR A FOREIGN LANGUAGE TEACHING MINOR
In order to be recommended by the Department of Foreign Languages to teach a foreign language, the student must have completed a minimum of 6 hours of upper division literature and 6 hours of upper division conversation and composition in that language, and 3 hours of an upper division course in methods of teaching foreign languages.

FRENCH
Lower Division
101-102 Elementary French — 4 credits
This course is designed to develop the beginning student’s abilities in understanding, speaking, reading, and writing French. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school French or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to French Conversation and Composition — 2 credits
A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college French are not eligible.

201-202 Intermediate French — 4 credits
A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in French. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.
S GERMAN

Upper Division

301-302 Survey of German Literature — 3 credits
This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing German. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school German or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

101-102 Elementary German — 4 credits
This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing German. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school German, or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to German Conversation and Composition — 2 credits
A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: F-201-202 or demonstrated proficiency. Each semester.

301-302 Survey of French Literature — 3 credits
An introduction to the major writers and trends of the French literary tradition. Selections and complete works of poetry, fiction, theatre, and essay are studied. In the first semester, the Middle Ages through the 18th century are covered; in the second semester, the 19th and 20th centuries. Classes are conducted mostly in French. Prerequisite: F-201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Each semester.

303-304 French Composition and Conversation — 3 credits
Intended to further stimulate clarity, simplicity, and precision in oral and written French; and to lay the foundations for literary studies. Class conducted entirely in French. Prerequisite: F-201-202 or demonstrated proficiency. Each semester.

S SPANISH

Lower Division

101-102 Elementary Spanish — 4 credits
This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Spanish. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school Spanish or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

201-202 Intermediate Spanish — 4 credits
A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted entirely in Spanish. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of Spanish Literature — 3 credits
A historical survey of the Spanish literature from the early Middle Ages to modern times. Reading and interpretation of major literary as well as socio-cultural trends, with assigned oral and written reports; development of powers of interpretation, critical insight. Lectures and class participation are in Spanish. Prerequisite: Intermediate Spanish S-201 and S-202. Meets the literature requirement for baccalaureate degrees. Each semester.

303-304 Spanish Conversation and Composition — 3 credits
Intended to further stimulate clarity, simplicity, and precision in oral and written Spanish; and to lay the foundation for literary studies and/or foreign travel. Class conducted entirely in Spanish. Prerequisite: S-201-202 or demonstrated proficiency. Each semester.
DEPARTMENT OF GEOLOGY

Dr. Kenneth Hollenbaugh, Chairman
Professor: Warner
Associate Professors: Hollenbaugh, Nichols, Spinosa, Wilson (M)

The Department of Geology provides two degree programs in geology and non-degree course offerings in geography. The curriculum leading to the Bachelor of Science degree in Geology is designed for those students who plan a career in applied geology or who plan to attend graduate school. The more generalized curriculum leading to the Bachelor of Science 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.

In addition to the courses formally offered in both curricula, a student may receive credit for courses given under the heading of Special Topics or for Independent Study as explained on page 31. Any one of the following Special Topics may be offered either semester in response to sufficient student demand: biostratigraphy, geochemistry, glacial and Pleistocene geology, mining geology, petroleum geology, regional geology, and regional field study and report writing.

It is strongly recommended that high school students who plan to enter the geology or earth science curriculum include chemistry, physics, and as much mathematics as is available to them in their high school program.

REQUIREMENTS FOR GEOLOGY MAJOR

Bachelor of Science

1. Geology Major:

   1. General College and Baccalaureate Degree Requirements. See pages 30-32 for Graduation Requirements.

   2. Major Requirements

      | CREDITS |
      |---------|
      | A. Geology | 45 |
      | Physical Geology | 4 |
      | Historical Geology | 4 |
      | Mineralogy | 4 |
      | Petrology | 4 |
      | Sedimentology | 4 |
      | Stratigraphy | 4 |
      | Structural Geology | 4 |
      | Invertebrate Paleontology I, II | 6 |
      | Field Geology | 4 |
      | Geology Seminar | 1 |

      Geology electives to total 45 credits

      B. Introduction to Chemistry | 8 |
      C. General Physics | 8 |
      D. Mathematics through M-112 | 10 |
      E. Technical Drawing unless waiver is obtained from department chairman | 2 |
      F. Recommended electives | 15 |

      Life Science
      Foreign Language
      Mathematics
      Business
      Economics

GEOLOGY MAJOR

(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>4</td>
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EARTH SCIENCE EDUCATION MAJOR

(Suggested Program)

FRESHMAN YEAR:

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JUNIOR YEAR:

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SENIOR YEAR:

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201 Introduction to Ocean Geology — 3 credits
   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. Two one-hour lectures per week. Prerequisite: Historical Geology. Second semester.

213 Introduction to Meteorology — 3 credits
   An introduction to the study of weather phenomena in terms of origin, distribution, and classification. Instruments and research methods are also investigated. Prerequisite: Physical Geology. Three one-hour lectures. Second semester.

221 Mineralogy — 4 credits
   A study of the genesis, distribution and classification of minerals. This includes some crystallographic, optical, and chemical methods. Laboratory work consists of mineral analysis and observation by the use of microscopes, chemicals, and models. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Historical Geology. Three one-hour lectures. Second semester.

222 Petrology — 4 credits
   Study of igneous, sedimentary, and metamorphic rocks with emphasis on physical and chemical conditions controlling the origin, occurrence, and association of the various rock types. Field relationships, identification of rocks in hand specimen, and transition to microscopic analysis. Three one-hour lectures and one three-hour lab per week as well as two all-day Saturday field trips. Prerequisite: Historical Geology and College Chemistry. First semester.

250 Principles of Paleontology — 3 credits
   A course designed for non-geology majors, especially those planning to teach in the biological sciences. The course provides an overview of the various fields of paleontology. Evolution, taxonomy, and descriptions of important fossil groups will be stressed. Laboratory periods will be used to study small collections of the more important phyla and to introduce students to simple museum techniques of fossil preparation and display. A term paper or project is required. Two one-hour lectures and one three-hour laboratory per week. Prerequisites: Any introductory course in geology, biology, zoology, or botany or consent of the instructor. Either semester.

Upper Division

311 Sedimentology — 4 credits
   A study of the classification of sedimentary rocks and all processes involved in their genesis. Major headings are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Laboratory work consists of microscopic, chemical and other analyses of sedimentary rocks and of a study of the methods and instruments used in statistical treatment of sediments for mapping and research purposes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Mineralogy. First semester.

312 Stratigraphy — 4 credits
   The study of sedimentary strata with chronology as its special aim. Emphasis is placed on genetic environments, natural sequences of formations and facies, and correlation techniques. The classification and dating of sedimentary units is the end result. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Sedimentology. Second semester.

313 Geomorphology — 3 credits
   A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers and the processes by which they are formed and changed. Laboratory work consists of map studies and field investigations. Two lectures and one three-hour laboratory per week. Prerequisite: Historical Geology. First semester.

314 Structural Geology — 4 credits
   A study of the physical nature of rocks, the origin, description, classification, and interpretation of deformational structures of the earth's crust, and the principal theories of deformation and orogeny. Lab problems in recognition and analysis of geologic structures, the geometry of faults and folds, construction of maps and cross sections, and the use of aerial photos. Field trip. Three lectures and one three-hour lab per week. Prerequisite: Historical Geology and College Algebra and Trig. First semester.

321 Optical Mineralogy — 4 credits
   The theory and application of the polarizing microscope to the examination of minerals. An introduction to the general theory of crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral examination. Laboratory experience in the preparation of thin sections for optical study and diagnostic techniques for mineral identification. A systematic survey of the optical properties of minerals. Prerequisite: GO 222. Fall semester.

322 Petrography — 4 credits
   An introduction to the study of rocks in thin section by means of the polarizing microscope. The interpretation of the origin and history of igneous, metamorphic, and sedimentary rocks based primarily on features observed in this section. A systematic survey of the major rock types with emphasis on textures, mineralogy and classification. Prerequisite: GO-321. Spring semester.

351, 352 Invertebrate Paleontology — 3 credits
   A course designed for geology majors and majors in related disciplines. It is a study of the invertebrate phyla with special emphasis on hard-part morphology, ontogeny, phylogeny, paleoecology, taxonomy and biostratigraphic usefulness of the geologically more important groups. Laboratory work consists of study of representative fossils from standard collections. Additional laboratory work involves preparation, handling and study techniques of fossils which the student collects during the several field trips. Three one-hour lectures and one three-hour laboratory per week. Field trips. Prerequisite: Historical Geology or Advanced General Biology. Each semester.

403 Engineering Geology — 3 credits
   Application of geology to engineering projects. Aspects of geology include selected principles from structural geology, petrology, geomorphology, photogeology, geohydrology and soil mechanics. These principles are applied to construction and maintenance of transportation routes, dams, canals, bridges, building foundations and tunnels. Case histories of major projects are studied. Two lectures and one three-hour laboratory per week. Field trip required. Prerequisite: Structural geology and stratigraphy or permission of instructor. Second semester.

412 Groundwater Geology — 3 credits
   A study of the origin of water found beneath the earth's surface and the geologic conditions which permit the movement, work, and accumulation of water in subsurface materials. Emphasis is placed on structural, sedimentational, and stratigraphic conditions most conducive to the formation of groundwater reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratigraphy. First semester.

421 Ore Deposits — 3 credits
   The genesis, structure, mineral associations and classification of economic deposits of minerals. Discussion of modern theories of ore deposition, origin and migration of ore-bearing fluids, and the processes of alteration, secondary enrichment, paragenesis, and zoning. Consideration is given to the controls or ore occurrence and to the economics of exploration, development, and use of ores. Three lectures per week. Field trip required. Prerequisites: Mineralogy and Structural Geology. Second semester.

480 Field Geology — 4 credits
   Application of geologic principles and currently used field techniques to the solution of field problems. Work involves
measurement and correlation of stratigraphic sections, plane table mapping, geologic mapping on aerial photographs and on topographic maps, and special field techniques for igneous, sedimentary and metamorphic terrains. Instruction will be by appropriate specialized geologists. A formal report of professional quality is required. One lecture and three, three-hour labs. Field work on most weekends is required. Prerequisites: Senior standing and permission of Geology Department Chairman. Second semester.

498, 499 Geology Seminar — 1 credit
Research project based on field and/or literature studies. Fundamentals of geologic report preparation and oral presentations. Prerequisite: Geology major or Earth Science Education major. Either semester.

GG GEOGRAPHY
Lower Division
101 Introduction to Geography — 3 credits
A comprehensive survey of various environments of man in a study of world patterns and major regions with emphasis on the utilization of globes, interpretation and construction of maps. The course introduces basic concepts and techniques used in geography, utilization of natural resources, distribution of population and outstanding problems of each region. Both semesters.

DEPARTMENT OF HISTORY

Dr. Warren Vinz, Chairman
Professors: Caylor, Lovin
Associate Professors: Barnett, Ourada, Seward, Vinz
Assistant Professors: Bryant, Fletcher, Liggett, Sims, Sylvester, Tozer

REQUIREMENTS FOR HISTORY MAJOR
Bachelor of Arts Program
I. Liberal Arts Option
1. General College requirements to include:
   CREDITS
   Federal Government ................................ 3
   Foreign Language or equivalent (minimum of) .... 8
2. History requirements:
   A. Lower Division courses ................................ 15
      History of Western Civilization .................... 9
      United States History ................................ 6
   B. Upper Division Courses (a minimum of)
      to include: ........................................... 25
      American History Elective .......................... 3
      Study and Methods of History ....................... 2
3. Electives ................................................ 28-36

II. Secondary Education Option
1. General College requirements to include:
   Federal Government ................................ 3
2. History requirements:
   A. Lower division courses ............................... 15
      History of Western Civilization .................... 9
      United States History ................................ 6
   B. Upper Division Courses (a minimum of)
      to include: ........................................... 25
      American History Elective .......................... 3
      Study and Methods of History ....................... 2
3. Educational requirements for State Certification
   for Secondary Education .............................. 20
4. Electives ................................................ 18

III. History - 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 two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

32 Hour Program
A. History Courses
   1. HY 151, 152 U.S. History or their HY 297
      equivalent ............................................. 6 hours
   2. HY 102, 103, History of Western Civilization or
      their HY 297 equivalent ............................. 6 hours
   3. HY 300 Study and methods of History .............. 2 hours
   4. Additional History .................................. 18 hours
      a. A minimum of 12 upper division credits of U.S.
      history. 6 of which must be selected from list (a) below,
      3 from list (b) below and 3 from lists (a),
      (b) or (c) below.
      (a) Chronological histories ............. 6 hours
       HY 351 Colonial America
       HY 352 The Federal Period
       HY 353 The National Era
       HY 354 Civil War & Reconstruction
      *HY 358 Emergence of Modern America
      *HY 359 Recent United States

   

61
(b) Topical histories 3 hours
HY 365 U.S. Constitutional
HY 362 U.S. Diplomatic
HY 497 U.S. Economic
HY 364 U.S. Social & Cultural
(c) Any of the above upper
division history course or 3 hours
HY 355 Western America
HY 356 The Indian in U.S. History
HY 367 Colonial Spanish America
HY 368 Spanish American Nations
b. Additional history elective 6 hours
(3 hours must be upper division)

32 hours

* Strongly recommended.

With prior approval of the department, a student may substitute European or world history courses for the requirements listed above for the History-Social Science Major.

B. At least 15 credits, of which 9 must be upper division, in curricula offered by any two of the following academic disciplines:
Economics
Political Science
Anthropology
Sociology

15 Hour History Option

Similar 30-15-15 academic majors are available in the various social science disciplines in which their courses would constitute the 30-credit core of the major and history would serve as one of the associated 15-credit blocks. For such a major, the Department of History requires that at least 9 of the 15 history credits be upper division, and that courses be selected from the recommended lists.

A. For an Economics 30-credit core:
1. HY 151, 152 United States History or their
   HY 297 equivalent 6 hours
2. Any three of the following courses 9 hours
   HY 358 Emergence of Modern America
   HY 359 Recent U.S.
   HY 364 U.S. Social & Cultural
   HY 365 U.S. Constitutional
   HY 497 U.S. Economic History or equivalent
B. For a Political Science 30-credit core:
1. HY 151, 152 United States History or their
   HY 297 equivalent 6 hours
2. Any three of the following courses 9 hours
   HY 352 The Federal Period
   HY 358 Emergence of Modern America
   HY 359 Recent U.S.
   HY 365 U.S. Constitutional
   HY 362 U.S. Diplomatic
   HY 315, 316 History of the Far East
   HY 311, 312 History of England
   HY 313, 314 History of Russia
   HY 307 Germany and the Quest for Unity
   HY 308 France and the Quest for Stability
   HY 368 Spanish American Nations
   HY 332 Islamic Empires
C. For a Societal and Urban Studies 30-credit core:
1. HY 151, 152 United States History or their
   HY 297 equivalent 6 hours
2. Any three of the following courses 9 hours
   HY 358 Emergence of Modern America
   HY 359 Recent U.S.
   HY 364 U.S. Social and Cultural
   HY 356 Indians in U.S. History
   HY 365 U.S. Constitutional
   HY 397 U.S. Economic History or equivalent

For any of the above, appropriate special topics or independent study could be considered as acceptable alternatives.

IV. History Minor Option

1. Completion of the following courses: 21 credits
   U. S. History
   Federal Government
   History of Western Civilization
   History or Political Science Electives
   Upper Division American History Elective

Course Offerings

HY HISTORY

Lower Division

101, 102, 103 History of Western Civilization — 3 credits
First semester: The development of European civilization from classical antecedents to the twelfth century, A.D.; Second semester: The development of the early modern European works from the twelfth century to 1815. Third semester: The development and expansion of western civilization worldwide since 1815. Each semester.

151, 152 United States History — 3 credits
First semester: The history of American civilization from Pre-Columbian days to 1877 with emphasis given to the development of the union and expansion. Second semester: A survey of the significant factors influencing American development from the Civil War to the present, including the growth of American business, and the emergence of the nation to a world power. Each semester.

298 American Heritage — 2 credits
An introductory course to an Eastern seaboard trip: provides a survey of the early and contemporary contributions to our American heritage. Historical and governmental sites to be visited include Williamsburg, Washington, D.C., and New York City. The credit allowance in this course is subject to the student's participating in the tour and doing the required work. The course is open on an audit basis for other interested students. Second semester or Summer.

Upper Division

300 The Study and Methods of History — 2 credits
The methods of historical research — selection and evaluation of source materials, interpretation, synthesis — and the preparation of scholarly written papers. Required for all history majors by the completion of the junior year. Open to selected students in other majors with permission of the instructor. Either semester.

303 The Enlightenment and French Revolution — 3 credits
The survey of Europe in the seventeenth and eighteenth centuries: the age of absolutism, ideas of the philosophes, the crisis in the old regime and revolution. Prerequisite: HY-102 or consent of instructor. First semester, alternate years.

307 Germany and the Quest for Unity, 1848-1970 — 3 credits
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 103 recommended. Second semester, alternate years.

308 France and the Quest for Stability, 1814-1968 — 3 credits
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 De Gaulle. HY-103 recommended. First semester, alternate years.
309 The Renaissance—3 credits
A study of European society, economic development, artistic expression and humanism, and political concepts, with attention to both the Renaissance in Italy and in the North. Prerequisite: HY-102 or consent of instructor. First semester, alternate years. Not offered in 1973.

310 The Reformation—3 credits
Survey of Church-State relationships to include the Babylonian Captivity, the Great Schism, the impact of the national state, and the theological and political philosophies of reformers from Wycliffe to the Council of Trent. Consideration will be given to the world wide impact of Protestantism, the Catholic Reformation, and dissident minority sects. Prerequisite: HY-102 or consent of instructor. Second semester, alternate years. Not offered in 1973.

311, 312 History of England—3 credits
First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1603. Second semester: Great Britain from the seventeenth century to the present. Each semester, alternate years.

313, 314 History of Russia—3 credits
First semester: Survey of the origins and development of the Kievan and Muscovite states to the eighteenth century. Second semester: A study of the major cultural and economic institutions as well as the growth of political power by the state from the eighteenth century to the present. HY-102, HY-103, HY-313 recommended. Either semester, alternate years. Not offered 1973-74.

315, 316 History of the Far East—3 credits
A survey of the major powers of the Orient — their internal political and cultural development. Either semester, alternate years.

319 Ancient Greece—3 credits
A study of the political, social, and cultural development from the Cretan civilization through the Hellenistic period, with stress on those tendencies and achievements which have influenced later developments in Western Civilization. Prerequisite: HY-101 or consent of instructor. First semester, alternate years. Not offered in 1973.

320 Ancient Rome—3 credits
Political, social and cultural history from the Etruscans to the 5th century A.D., with stress on those tendencies and achievements which have influenced later developments in Western Civilization. Prerequisite: HY-101 or consent of instructor. Second semester, alternate years. Not offered in 1973.

321 Medieval History—3 credits
The political, economic and cultural development of Medieval Europe from the fifth to the fourteenth century. Prerequisite: HY-102 or consent of instructor. First semester.

331 Islamic Civilization — 3 credits
A history of the people, institutions and cultural of the Near and Middle East from Muhammad to the Ottoman and Safavid empires in the sixteenth century. Prerequisite: Upper Division standing. First semester, alternate years. Not offered in 1973.

332 Islamic Empires — 3 credits
A history of the Near and Middle East during the Ottoman period from the sixteenth century to the breakdown of cosmopolitan Islam during the twentieth century. Prerequisite: HY 331 or consent of instructor. Second semester, alternate years. Not offered in 1974.

351 Colonial America—3 credits
Colonial rivalry in North America: an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: HY-151 or consent of instructor. First semester.

352 The Federal Period, 1783-1815—3 credits
The United States from the end of the Revolution through the War of 1812. Emphasis on the government under the Articles of Confederation; drafting and implementing the Constitution; the rise of political parties; and the War of 1812. HY-151 recommended. First semester.

353 The National Era, 1815-1848—3 credits
The development of American nationalism; the era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; the beginnings of sectional rivalry; and the Mexican War. Prerequisite: HY-151 or consent of instructor. First semester.

354 Civil War and Reconstruction — 3 credits
A study of the origins of the conflict between the states, the encounter and the problems of reunification. Prerequisite: HY-151 or consent of instructor. Second semester.

355 Western America—3 credits
The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will be given to the migration of people in the Trans-Mississippi West. HY-151 recommended. Second semester.

356 The Indian in American History
Examination of the Indian's role in America's development and the impact of white society on Indian culture. The course investigates early Indian-white contacts, the development of European rivalries in North America and the Indian's part in these rivalries, and the origins of United States Indian policy. The reservation system, land policy, termination, and the current Indian dilemma are studied. Opportunity is provided for the pursuit of in-depth individual study. Prerequisite: Upper Division standing or completion of HY-151-52.

357 Idaho and the Pacific Northwest—3 credits
Political, economic and social development of the Pacific Northwest with emphasis upon the people, customs, and institutions of Idaho. HY-151 recommended. First semester.

358 Emergence of Modern America, 1877-1917 —3 credits
The industrial growth of the United States: emergence as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY-152 or consent of instructor. Not offered in 1973-74.

359 Recent United States, 1917 to Present—3 credits
Versailles and post-war disillusionment; boom and bust of the 20's; the Great Depression and FDR's New Deal; reappearance on the world scene; World War II and its aftermath. HY-152 recommended. Second semester.

360 Diplomatic History of the United States — 3 credits
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 policy. HY 151, 152 recommended. Either semester, alternate years.

364 United States Social and Cultural History — 3 credits
Selected social and cultural themes from colonial times to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in their historical context. HY-151, 152 recommended. Either semester, alternate years.

365 United States Constitutional History — 3 credits
A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitutional Convention, John Marshall, Civil War, Age of Industrial Development, Progressivism, World Wars, Cold War, and the Warren Court. Considerable emphasis is placed on the role of the Supreme Court. Prerequisite: HY 151, 152 or consent of instructor and upper division standing.
The development of distinctive Spanish American societies through the merging of medieval Spanish with Amerind and African cultures in South and Middle America, all within the framework of European political rivalries. The course concludes with the independence wars of the early nineteenth century. Prerequisite HY-102. First semester.

368 Spanish American Nations — 3 credits
The struggle towards democracy, economic progress, and political stability of Spanish American nations since their achievement of independence. Emphasis is on the Andean, Middle American and Caribbean areas, including their relations with the United States. Prerequisite HY-367. Second semester.

498 History Seminar — 2 credits
Study of a selected problem in history. Paper based on research into problem to be prepared and reported to the seminar. Required for History Major, Liberal Arts option; recommended for History Major, Secondary Education option. Prerequisite: Senior standing. Either semester.

The objective of the department of home economics is to provide training of high quality for each of the student categories listed below.

A. Students who expect to obtain a baccalaureate degree with a major in home economics but who will be required to transfer to another school to complete their upper division training.
B. Students from other disciplines who choose to minor in home economics. Twenty-six hours of credit in home economics may be earned and applied to one’s minor.
C. Students from other disciplines who will benefit from courses in home economics, such as students in Fashion Merchandising, Nursing and Interior Decorating.
D. Students who appreciate the wide offering of subject matter in home economics and can enjoy the opportunities for creative activity provided in selecting electives from this field.
E. Students who are interested in preparation for homemaking as a career.
F. Students who are not primarily interested in credit but in the development of skills, such as those enrolled in our night program.

The curriculum outlined is designed for those students who are interested in a professional career in home economics education, food management in commercial and educational institutions, nursery school education, consumer services relating to housing and equipment, community service organizations, clothing and textiles, or the cooperative Extension Service. Prior to registering, a student should, if possible, determine the school in which she will enroll for her upper division training so that registration can be made with the requirements of the prospective school in mind. Students whose interest
Course Offerings

HOME ECONOMICS

Lower Division

101 Introduction to Home Economics — 1 credit
Designed to acquaint the freshman student with the field of home economics. Emphasis on opportunities in the professional fields, organization of program, choice of vocation, personal qualifications for living and working with people. One hour discussion each week. First semester.

103 Clothing — 3 credits
Majors and non-majors. Designed for students interested in clothing construction and solution of individual fitting problems. Emphasis on current speed techniques. Basic, intermediate and advanced projects may be selected according to the student’s creativity, ability and choice. Unusual media may be used such as leather and knits. Total of five projects with approximate cost of $45.00. One hour lecture and two 3-hour laboratory periods per week. First semester.

107 Clothing Selection — 2 credits
A study of the sociological and psychological foundations of clothing selection emphasizing principles of design as related to the individual’s figure proportions, personality and need. Study of selection, purchase and care of ready-to-wear apparel, fabrics and accessories. Two lectures per week. Second semester.

109 Textiles — 3 credits
Relationship of raw materials, construction, and finish to quality and cost. Study of natural and synthetic textile fibers, yarns and fabrics; selection of appropriate fabrics for various uses, considering wearing qualities and care required. Two hours lecture and one 2-hour laboratory each week. Open to men and women. Second semester.

111 Fashion Analysis and Design — 2 credits
Recognition of fashion trends, basic silhouettes, lines, styles and details of garment construction. Creative expression in fabric interpretation and adaptation of costumes and accessories from period research and other sources. Two lectures each week. First semester.

201 Introduction to Foods — 3 credits
Basic principles of food preparation: consideration of factors which will affect quality, nutritive value and acceptability of foods. Laboratory experience in approved techniques of food preparation to yield products of standard quality. Two hours lecture and two 3-hour laboratory periods per week. Second semester.

203 House Planning — 3 credits
Basic considerations in house planning: planning for economy, comfort and beauty in house construction. Evaluation of housing and floor plans in terms of family needs, interior and exterior design, materials, financing, methods of construction. Housing in relation to the family and community. Three lectures each week. Open to men and women. Second semester.

207 Nutrition — 3 credits
Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed. Three lectures each week. Open to all students. First semester.

Upper Division

303 Advanced Clothing, Tailoring — 3 credits
Basic principles used in garment construction applied through actual construction of a suit, coat or pants suit. At least one garment done using wool; other garment could be a choice between knit or woven fabric. Personal master pattern is developed for student for each garment. Common fitting problems are studied and solutions derived. Thorough study of interfacing and tailoring stitches discussed. Current sewing techniques emphasized for present day fabrics. Prerequisite: Clothing H.E. 103. Recommended: Textiles H.E. 109. Two 3-hour laboratories each week. Second semester.

305 Home Furnishings and Interior Design — 3 credits
Color and design: selection and arrangement of furniture and furnishings, floor coverings, wall and window treatment, lighting, interior finishes, accessories, china, glass, and silver. Flower arrangement. Three lectures each week. Open to men and women. First semester.

* Recommended Electives: Fashion Analysis and Design

** Journalism recommended.
REQUIREMENTS FOR MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Programs

I. Mathematics Options:

1. College requirements for B.A. or B.S. degree, including electives.
2. The following mathematics requirements are common to all of the four following curricula:
   Calculus through M-206
   M-124 (EN-104) (Fortran Programming)
   M-126 (Mathematics of Programming) or M-225 (EN-225) Applied Fortran Programming

   Upper division mathematics 27 or more credits

   One or more of:
   M-301 Linear Algebra (4)
   M-302 Abstract Algebra (3)
   M-306 Number Theory (3)

   One of more of:
   M-314 Foundations of Analysis (3)
   M-406 Complex Variables (3)

   One of more of:
   M-361 Fundamental Statistics (4)
   M-362 Probability (4)
   M-431-432 Probability and Statistics (3-3)

   Three or more semester courses, including a sequence, at the 400 level (9-12)

   M-406 or M-431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

3. Recommended Area I Elective: Logic (PY 221)

II. Secondary Education Option:

1. Requirements for B.A. or B.S. degree.
2. Mathematics requirements
   Lower division mathematics through M-206
   Upper division mathematics
   M-301 Linear Algebra (4)
   M-302 Abstract Algebra (3)
   M-311 Foundations of Geometry (3)
   M-314 Foundations of Analysis or M-406 Complex Variables (3)
   M-361 Fundamentals of Statistics (4) or M-362 Probability Theory (4) or M-431-432 Probability and Statistics (6)
   M-490 Mathematics in Secondary Schools (3)

3. Electives (Recommended: M-225 (EN-225), M-126, M-306, M-312)
4. Education Requirements (See Part VI) 20 credits (M-490 counts as an education elective)
5. A 45 semester hour major or a 30 semester hour major with a 20 semester hour minor.

THE MATHEMATICS OPTIONS
(Suggested Programs)

ACADEMIC CURRICULUM

(Dr. Takeda)

FRESHMAN YEAR:

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<th>1ST SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
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<tr>
<td>History</td>
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<td>Programming M-124</td>
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<td>Social Science</td>
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<tr>
<td>Accelerated Calculus M-211</td>
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<td>Accelerated Calculus M-212</td>
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<td>Physical Education</td>
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JUNIOR YEAR:

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<td>Science</td>
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<td>Statistics M-361</td>
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<td>Advanced Calculus M-401-2</td>
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<td>Abstract Algebra M-441-2</td>
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SENIOR YEAR:

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<td>Abstract Algebra M-441-2</td>
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<td>Language</td>
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Total 66 or 67
# COMPUTER SCIENCE CURRICULUM

(Dr. Ekblaw)

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<td>English Composition (E101-102)</td>
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<td>Economics</td>
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<td>Fortran Programming (M124)</td>
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<td>Cobol Programming (DP360)</td>
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<td>Calculus (M206)</td>
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<td>Principles of Accounting (AC 101-102)</td>
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<td>Calculus (M206)</td>
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<tr>
<td>Assembly Lang Programming (M126)</td>
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<tr>
<td>Principles of Mgmt (MG301)</td>
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<td>Numerical Analysis (M340)</td>
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<td>Area I Electives</td>
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<tr>
<td>Linear Algebra (M301)</td>
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<td>Foundations of Analysis (M314)</td>
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<tr>
<td>Production Management</td>
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<td>Systems Programming (M451)</td>
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<td>Probability and Statistics (M431-432)</td>
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<td>Systems Analysis &amp; Design (AC420)</td>
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<td>Data Processing Application (DP405)</td>
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# MATHEMATICS CURRICULUM

(Dr. Ferguson; Dr. Young)

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<th>FRESHMAN YEAR</th>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition (E101-102)</td>
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<td>Mathematics (M112-205)</td>
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<td>Degree Electives</td>
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<tr>
<td>Programming (M124)</td>
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<tr>
<td>Calculus (M-206)</td>
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<td>General Psychology</td>
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<td>Foundations of Education</td>
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<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>Abstract Algebra (M-302)</td>
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<td>Foundations of Analysis (M-314)</td>
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<td>Fundamentals of Statistics (M-361)</td>
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<td>Educational or Adolescent Psychology</td>
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<th>SENIOR YEAR</th>
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<tr>
<td>Secondary Methods</td>
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<td>Foundations of Geometry (M-311)</td>
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<td>Math in Secondary Schools (M-490)</td>
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<td>Secondary Student Teaching</td>
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<td>Education Electives</td>
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<td>Electives</td>
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# MATHEMATICAL STATISTICS CURRICULUM*

(Dr. Juola)

<table>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition (E-101-102)</td>
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<tr>
<td>History</td>
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<tr>
<td>Programming (M-124)</td>
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<tr>
<td>Calculus (M-112)</td>
<td>5</td>
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<tr>
<td>Calculus (M-205)</td>
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<td>Science elective</td>
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<td>Physical Education</td>
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<tbody>
<tr>
<td>Literature</td>
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</tr>
<tr>
<td>Calculus (M-206)</td>
<td>4</td>
<td>3</td>
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<tr>
<td>Programming (M-225)</td>
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<td>Probability (M-362)</td>
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<td>Electives</td>
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<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Linear Algebra (M-301)</td>
<td>4</td>
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<tr>
<td>Abstract Algebra (M-302)</td>
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<tr>
<td>Foundations of Analysis (M-314)</td>
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<td>3</td>
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<tr>
<td>Probability and Statistics (M-431-432)</td>
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<td>Electives</td>
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<th>SENIOR YEAR</th>
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<tr>
<td>Humanities</td>
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<tr>
<td>Advanced Calculus (M-301-402)</td>
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<td>Numerical Analysis (M-340)</td>
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<td>Electives</td>
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</table>

*With proper choices of electives this curriculum will prepare students for a career as an actuary (insurance and pension fund job opportunities; a career in biometrics (opportunities in any life science or health area); or a career in business statistics (opportunities in any kind of medium or large business or industry). See Dr. Juola for more information.
# Applied Mathematics Curriculum

(Dr. Hughes)

**Freshman Year:**

<table>
<thead>
<tr>
<th>Course Offerings</th>
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<tbody>
<tr>
<td>English Composition (E-101-102)</td>
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<td>Calculus (M-112)</td>
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<td>Calculus (M-205)</td>
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<tr>
<td>Chemistry (C-111 or 101)</td>
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<tr>
<td>Chemistry (C-112 or 101)</td>
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<td>Physics I (PH-220)</td>
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15 or 16  15 or 16

**Sophomore Year:**

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<td>Programming (M-126)**</td>
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<tr>
<td>Physics II (PH-221)</td>
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<td>Physics Lab I (PH-223)</td>
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<td>Physics III (PH-222)</td>
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<tr>
<td>Physics Lab II (PH-224)</td>
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<td>Advanced Engineering Math (M-321)</td>
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<td>Mechanics (EN-205)</td>
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<td>Dynamics (EN-206)</td>
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**Junior Year:**

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<td>Modern Physics (PH-311)</td>
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<td>Modern Physics (PH-312)</td>
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<td>Numerical Analysis (M-340) or Systems Programming (M-451)</td>
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<tr>
<td>Introduction to Electrical Engineering (EN-221)</td>
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<tr>
<td>Network Analysis (EN-223)</td>
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<td>Complex Variable (M-406)</td>
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<td>Fund of Statistics (M-361)</td>
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**Senior Year:**

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<td>Applied Math (M-422)</td>
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<td>Electricity and Magnetism (PH-381)</td>
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<td>Thermodynamics (EN-320)</td>
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<td>Fluid Mechanics (EN-301)</td>
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<tr>
<td>Social Science</td>
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*The student may, upon consultation with his advisor, substitute other math and science courses for those listed in Physics and Engineering during his junior and senior year.

**Physics Lab for Engineers. PH-220 may be substituted for PH-223 plus PH-224.

***M225 may be substituted for M12 to allow other engineering mathematics or physics courses.

---

# Course Offerings

**M Mathematics**

**Lower Division**

012 Arithmetic Review — 0 credits

Fundamental operations with real numbers, linear equations and stated problems. Review of elementary geometry and weights and measures including the metric system. For students with little or no algebra or geometry who want to review school mathematics. Each semester.

020 Algebra Review — 0 credits

A refresher course for students in education, science, or business. Algebra is covered from first fundamental operations through the level required for M-103, 105, 111 or 115. Each semester.

100 A Cultural Approach to Mathematics — 4 credits

Designed for liberal arts students. The course provides an opportunity to acquire an appreciation of the nature of mathematics and its relations to other aspects of our culture. The humanistic aspect of mathematics is emphasized to help cultivate creativity and abstract thought processes that are rigorous but not rigid. Prerequisite: A year of high school mathematics, or consent of instructor. Each Semester.

103-104 Modern Mathematics for Elementary Teachers — 3 credits

Fundamental concepts of mathematics including the study of place value and bases, arithmetic operations, the postulates for the set of real numbers, and fundamental algebraic and geometric principles. Designed for elementary teachers. Prerequisite: One year of high school algebra and plane geometry or permission of the instructor. Placement will also be determined by a test given on the first meeting of M-103. Each semester.

105 Fundamental Concepts of Mathematics — 4 credits

Sets, logic, basic analysis, matrices, linear programming, the simplex method, elementary game theory. Designed primarily for non-science students. Prerequisite: M-020 or two years of high school algebra, or one year of high school algebra and a satisfactory placement score. Placement will be determined by a test given on the first meeting of M-105 and by the ACT mathematics subscore. Each semester.

106 Fundamental Concepts of Mathematics — 4 credits

Calculus; introduction to probability and statistics, introductory ideas from Operations Research. Designed primarily for non-science students. Prerequisite: M-105 or M-111. Each semester.

111 Algebra and Trigonometry — 5 credits

Selected topics in college algebra together with plane geometry and calculus. Prerequisite: The passing of a placement test in algebra or a grade of "satisfactory" in M-020. Each semester.

112 Calculus and Analytic Geometry — 5 credits

Analytic geometry of the straight line, functions, limits, continuity, derivatives and algebraic functions with applications, definite and indefinite integrals with applications. Prerequisite: M-111 or the passing of a placement test in algebra and trigonometry. Each semester.
115-118 Mathematics for the Life Sciences—5 credits
   Designed primarily for students in the life sciences. Functions and their graphs, curve fitting, systems of equations, trigonometry of triangles, discrete state probability, calculus, continuous state probability, and statistics. Prerequisite: Two years of high school math, or equivalent, and satisfactory placement score. Placement to be determined by a test given on the first meeting of M-115 and by the ACT mathematics sub-score. Each semester.

124 (EN-104) Digital Computer Programming—2 credits
   Course for engineering, science or mathematics majors to introduce programming principles and logic. Consideration given to input-output, flow charting, handling arrays, function and subroutine subprograms, applied to problem solving. Prerequisite: M-111 or M-106 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both M-124 and EN-104. Each semester.

126 Mathematics of Programming—4 credits
   Assembler language for the IBM System/360-370. Binary integer, floating point, and decimal arithmetic are considered. Other topics include the writing of subroutines, editing, looping and address modification. Non-academic applications are considered, and an introduction to RPG is included. Prerequisite: M-124 (EN-104) Each Semester.

205 Calculus and Analytic Geometry — 4 credits
   Transcendental functions, methods of integration determinants, matrices and linear equations, analytic geometry of conics, polar and parametric equations. Prerequisite: M-112, or the passing of a placement test over the material of M-112. Each semester.

206 Calculus and Analytic Geometry — 4 credits
   Solid analytic geometry, vectors, series, partial derivatives, multiple integrals, introduction to differential equations. Prerequisite: M-205. Each semester.

M-211-212 Accelerated Calculus — 5 credits each
   Analytic geometry, functions, limits, differentiation and integration with applications; transcendental functions, methods of integration.
   Vectors, solid analytic geometry, vector functions, partial derivatives, multiple integration, series, introduction to differential equations.
   This course is essentially an accelerated version of the three semester sequence M-112, M-205, M-206. Prerequisite: Any of M-106, M-111, M-116 with grade of A, or a strong high school background. Yr course M-211 Fall M-212 Spring

225 (EN-225) Applied Fortran Programming — 2 credits
   A general course to instruct advanced techniques in Fortran programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: M-124 (EN-104) and M-205. Credit cannot be obtained for both M-225 and EN-225. Each semester.

301 Linear Algebra—4 credits
   Linear algebra, vector spaces and matrices. Prerequisite: M-206 or 212. Each semester.

302 Introduction to Abstract Algebra—3 credits
   Sets, Boolean algebra, integral domains, groups, fields, rings and ideals. Prerequisite: M-205 or 212. Second semester.

306 Number Theory—3 credits
   Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M-205 or 212 Second semester.
441 Abstract Algebra I—3 credits
Homomorphisms, prime ideals, prime radical, ring of endomorphisms, irreducible rings of endomorphisms, R-modules, Jacobson radical, descending chain condition. Prerequisite: M-301, M-302. Fall semester.

442 Abstract Algebra II—3 credits
Polynomial rings, simple extensions, algebraic extensions, splitting fields, separable extensions, automorphisms of fields, normal extensions, Galois theory, finite fields, generic polynomials. Prerequisites: M-301, M-302. Spring semester.

451 Systems Programming—4 credits
Introduction to machine language programming, compiled languages, program optimization, computer logic and design. Prerequisite: M-126 and M-206 or 212. Second semester.

490 Mathematics in Secondary Schools—3 credits
Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of mathematics completed at, or above, the three hundred level. First semester.

DEPARTMENT OF MUSIC

Wilber Elliott, Chairman; Donald Oakes, Associate Chairman

Professors: Bratt (C. G.)
Associate Professors: Best, Elliott, Meyer, Taylor
Assistant Professors: Baldwin, Bratt (J. W.), Cleveland, Hopper, Hsu, Oakes, Russell, Shelton
Emeriti: Foster, Marshall, Mitchell

Special Lecturers: Blood (piano), C. Elliott (voice), Henry (brass), W. Hsu (strings), Mamerow (reeds), Moore (piano), Norell (flute), Shink (bassoon), Simons (guitar), Thomeson (guitar)

REQUIREMENTS FOR MUSIC MAJOR

Bachelor of Arts Program
A. Completion of general college requirements for the Bachelor of Arts degree as found on pages 30-32 of the catalog.
B. Minimum Music Requirements:
   Performance Studies .................................................. 8
   Beginning and Advanced Harmony ............................. 12
   Beginning and Advanced Ear Training .......................... 4
   Music History/Literature Courses ............................... 6
   Ensemble ..................................................................... 4
   Concert Class (each semester) .................................. 0
   Performance, Theory, Music Education, or General Music Electives ........................................ 10
   Senior Recital* or Senior Project** .............................. 1
Total ........................................................................... 45

*Senior Recital option requires approval of the student's private instructor. Senior Recital (MA-444) requires a minimum of 3 years of study or equivalent in the area prior to enrolling.
** An Independent Study terminal project under faculty supervision and with the approval of the Department Chairman in the areas Theory, Music History/Literature, or Music Education.

MUSIC MINOR

The Music Department will recognize as a minor in music (in conjunction with a major in a non-music area) a minimum of 20 hours of music credits completed. Emphases are possible in Performance, Music Theory, History/Literature, or Music Education. Details of the individual student's curriculum are to be determined by the student in consultation with an assigned Music Minor advisor and subject to the approval of the Music Department Chairman.

MUSIC MAJOR IN PERFORMANCE, THEORY-COMPOSITION, AND MUSIC EDUCATION

Bachelor of Music Program
1. The Bachelor of Music Degree (Performance and Theory-Composition Emphasis) is designed to train performers and composers and performing artist teachers. It is the basic degree for preparing students for graduate work in the performing and creative fields as well as teaching at the college and university level. It is essentially a professional degree.

2. The Bachelor of Music Degree (Music Education Major) is designed to prepare students for teaching careers in the secondary and elementary educational systems. It also prepares the students for graduate work in Music Education.

3. All full-time music students will be required to attend Concert Class during each semester of residency at Boise State College. (See course description on page 72 for complete details.) Also, all students registered for any M.A. Performance Study course will perform before a faculty jury at the end of each semester. Students presenting MA-444, 445, or 446 recitals are exempt during the semester in which the recital is given.

4. All Bachelor of Music non-keyboard majors, no later than the end of the Junior year, are required to pass one of the levels in the Piano Proficiency examination before a faculty committee. The particular level is determined by the student's major. Details are available from the Music Department.
5. All Bachelor of Music Majors are required to register for one of the three major ensembles (band, choir, or orchestra) each semester (a minimum total of 8 credits over 4 years of normal full-time study). Other ensembles may be taken as electives in addition to the major ensembles. Piano majors may count up to 4 credits of Accompanying (ME-180, 380) toward this requirement.

6. The following Core of Music Courses will be included in all Bachelor of Music curricula:

   - Concert Class (Attendance required each semester of residency — see page 72 for details) 0
   - Beginning and Advanced Harmony and Ear Training (L.D.) 16
   - Basic Conducting (L.D.) 1
   - Ensemble 8
   - Elements of Form (Upper Division) 3
   - Music History Courses (Upper Division — 3 credits will count toward Area I Requirements; see page 32) 12
   - Music Seminar 2
   - MU 145 2 cr.
   - MU 413-414 4 cr.
   - Theory-Composition Emphasis Requirements
     - Senior Recital 1
     - Methods courses involving their major instrument.
   - General College and Basic Core Requirements (including 3 credits of Music History in Area I) 31-34
   - Music Requirements:
     - A. Music Core 40
     - B. Lower Division Courses 16
     - C. Upper Division courses 29
     - Performance Studies 16
     - Keyboard Harmony and Basic Improv 4
     - Counterpoint 4
     - Choral or Instrumental Conducting 1
     - Advanced Form and Analysis 2
     - Senior Recital 2
     - Total: 128
     - Electives (Any Area) 8-11
     - Total: 128

II. Theory-Composition Emphasis Requirements

   - General College and Basic Core Requirements (including 3 credits of Music History in Area I) 31-34
   - Music Requirements:
     - A. Music Core 40
     - B. Lower Division Courses 16
     - Performance Major Studies (To be piano, unless major is a keyboard instrument) 8
     - Performance Minor Studies 8
     - C. Upper Division Courses 32
     - Performance Major Studies 4
     - Advanced Form and Analysis 2
     - Band and Orchestra Arranging 4
     - Canon and Fugue 2
     - Choral and Instrumental Conducting 2
     - Counterpoint 4
     - Keyboard Harmony and Basic Improv 4
     - Music Composition 4
     - Senior Composition Recital or Music Seminar 2
     - Total: 128

III. Music Education Emphasis Requirements

(Fulfillment of the requirements below will qualify the student for Idaho State Certification in Secondary Schools and as an Elementary School Music Specialist.)

   - 1. General College and Basic Core Requirements (including 3 credits of Music History in Area I) 31-34
   - 2. Music Requirements:
     - A. Music Core 40
     - B. Lower Division Courses 14
     - Performance Major Studies 8
     - Functional Piano 2
     - Instrumental Techniques & Methods* 4
     - C. Upper Division Courses 23
     - Performance Major Studies 8
     - Band & Orchestra Methods & Materials 2
     - Band Arranging 2
     - Choral and Instrumental Conducting 2
     - Choral Methods and Materials 2
     - Instrumental Techniques and Methods* 4
     - Public School Music 2
     - One-half Senior Recital 1
     - D. Education School Requirements 12
     - (General Psych — Area II) (3)
     - (Educational Psych — Area II) (3)
     - Foundations of Education 3
     - Secondary School Methods 3
     - Practice Teaching 3
     - Senior Composition Recital or Senior Recital 1
     - Total: 128

*Instrumental majors will be allowed to delete one semester of Techniques and Methods courses involving their major instrument.

MUSIC EDUCATION MAJORS
(Suggested Program)

FRESHMAN YEAR:

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<th>CREDITS</th>
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SOPHOMORE YEAR:

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Course Offerings

MA MUSIC APPLIED — PERFORMANCE STUDIES

Major Area practice requirements:
For 4 hrs. credit—18 hrs. practice per week.

Minor Area practice requirements:
For 2 hrs. credit—6 hrs. practice per week.

010 Concert Class — no credit

The class meets weekly. Required of all full-time Music Majors and Minors, but attendance is open to any person. Minimum attendance per semester: 10 sessions for all Music Majors; 6 sessions for all Music Minors. Each semester.

Students planning to enroll in upper division performance studies (MA-300 levels) must have completed two years or equivalent of the lower division level and must have passed the Junior Standing Proficiency Exams for those studies. All MA courses may be repeated for credit. Students transferring into the Music Department as music majors from some other college, university, or conservatory, or from another department within BSC and requesting advanced standing in performance must successfully complete a performance examination before a faculty jury prior to the possible granting of such advanced standing. Details may be obtained from the music office.

Strings
171.317 Violin — 2 credits Each semester
172.317 Violin — 4 credits Each semester
161.361 Viola — 2 credits Each semester
162.362 Violin — 4 credits Each semester
121.321 Cello — 2 credits Each semester
122.322 Cello — 4 credits Each semester
123.323 String Bass — 2 credits Each semester
124.324 String Bass — 4 credits Each semester
125.325 Guitar — 2 credits Each semester
126.326 Guitar — 4 credits Each semester

Brass
109.309 Applied Brass — 2 credits Each semester
110.310 Applied Brass — 4 credits Each semester
111.311 Horn — 2 credits Each semester
112.312 Horn — 4 credits Each semester
113.313 Trombone — 2 credits Each semester
114.314 Trombone — 4 credits Each semester
115.315 Trumpet or Baritone — 2 credits Each semester
116.316 Trumpet or Baritone — 4 credits Each semester

Percussion
141.341 Percussion — 2 credits Each semester
142.342 Percussion — 4 credits Each semester

014 Clarinet — 2 credits Prerequisite: Level 3 Piano proficiency

Woodwinds
180.380 Clarinet — 2 credits Each semester
181.381 Clarinet — 4 credits Each semester

444 Music Education/Bachelor of Arts Senior Recital — 1 credit

All students under the Music Education Emphasis will be required to present a half (1/2) recital in their performance major area during their senior year. This recital may also serve the Bachelor of Arts Music Major program. Prerequisite: three years or its equivalent of study in the area. Each semester.

445 Recital — 2 credits

Music 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. The student must have permission of his teacher and the chairman of the music department. Each semester.

446 Senior Recital — 2 credits

Students majoring in performance studies or composition will be required to present a senior recital on their major instrument or of their compositions. Prerequisite: Three years or its equivalent of study in the area. Each semester.
ME MUSIC, ENSEMBLE

All ME courses may be repeated for credit up to the maximum allowable as stated in the course descriptions.

101, 301 College Singers—1 credit
A general chorus open to all college students. No audition is necessary. Major choral works from all periods will be sung. Public performance(s) will be expected each semester. Concurrent enrollment in ME 105, 305 prohibited. Maximum credits: ME 101 and/or ME 301, 8 cr. Each semester.

105, 305 Meistersingers—1 credit
Essentially a course in unaccompanied singing which is open to all college students. The Meistersingers is the concert-touring choir of the College. Concurrent enrollment in ME 101, 301 is prohibited. Prerequisite: Enrollment is by audition and Music Department approval. Maximum credits: ME 105, and/or ME 305, 8 cr. Each semester.

110, 310 Vocal Ensemble—1 credit
A course designed to promote participation in and repertoire knowledge of music for small vocal ensembles. Literature will include music of all periods. Varying groups will be established as demand warrants. A public performance can be expected each semester. Prerequisite: Permission of instructor and concurrent enrollment in ME 101, 301 or ME 105, 305. Maximum credits: ME 110, and/or ME 310, 8 cr. Each semester.

120, 320 Band—1 credit
An elective open to all students who can play a band instrument. Maximum credits: ME 120, and/or ME 320, 8 cr. Each semester.

125, 325 Brass Ensemble—1 credit
A course designed to promote playing in and increasing repertoire knowledge for small brass ensembles. A public performance is required each semester. Maximum credits: ME 125, and/or ME 325, 8 cr. Prerequisite: permission of instructor. Each semester.

126, 326 Jazz Ensemble—1 credit
A course designed to promote playing in and repertoire knowledge of jazz ensemble. Includes performance of Dixieland, be-bop, swing, big-band jazz, rock, and contemporary concert jazz. Class rehearsals will include study and discussion of problems of rhythm, notation, improvisation, ear training, and chord construction in jazz. A public performance will be required each semester. Prerequisite: consent of instructor. Maximum credits: ME-126, and/or ME-326, 8 cr. Each semester.

130, 330 Woodwind Ensemble—1 credit
A course designed to promote playing in and increasing repertoire knowledge for small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 130, and/or ME 330, 8 cr. Prerequisite: permission of instructor. Each semester.

140, 340 Percussion Ensemble—1 credit
A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester. Prerequisite: consent of instructor. Maximum credits: ME-140 and/or ME-340, 8 cr. Each semester.

150, 350 Orchestra—1 credit
The Boise State College Community Symphony is composed of students and experienced musicians of the community and prepares several concerts each season from the standard symphonic repertoire. An elective for non-music majors. Audition is required of new students. Maximum credits: ME 150 and/or ME 350, 8 cr. Each semester.

160, 360 String Ensemble—1 credit
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, 4 and/or ME 360, 8 cr. Prerequisite: permission of instructor. Each semester.

180, 380 Accompanying—1 credit
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. Each semester.

MU MUSIC, GENERAL

Lower Division

101 Music Fundamentals—2 credits
Primarily for Education Department students, but open to all non-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. A remedial course for music majors. Each semester.

111 Beginning Harmony—3 credits
The study of harmony through its evolutionary-historical approach: elementary sixteenth-century 2-part counterpoint through the five species in the ancient church modes: 3-part chordal harmony within the modes. Prerequisite: Students enrolling (1) must have passed the pre-harmony exam and (2) concurrently enroll in piano or be able to pass the piano proficiency exam for their major area (see page 40, No. 4). Fall semester.

112 Beginning Harmony—3 credits
The 4-part contrapuntal-harmonic style of J. S. Bach through the seventh chord including non-chord tones and modulation to near related keys. Prerequisite: MU-111 Beginning Harmony. Spring semester.

121-122 Beginning Ear Training—1 credit
A course designed to correlate with Beginning Harmony MU-111 and MU-112 and which emphasizes auditory training in scales (including the modes and major and minor) and all intervals. The course includes drill in solfeggio and sight singing leading up to aural recognition of 3-part and 4-part harmonic structures. Two hours per week. Prerequisite: Previous or concurrent enrollment in Beginning Harmony. MU-111 and MU-112. Fall-Spring semesters.

133 Introduction to Music—3 credits
An elective course open to all students and fashioned to familiarize the listener with a variety of musical expression. The emphasis is laid upon the enjoyment of music through the understanding of recorded and live music. Each semester.

145 Opera Theatre—1 credit

211-212 Advanced Harmony—3 credits
This course completes the study of the contrapuntal-harmonic techniques used in the Bach Chorales begun in Beginning Harmony. Added to harmonic materials already studied are the uses of altered chords, including the augmented sixth chords and Neapolitan sixth, non-chord tones and remote modulations. The student is expected to harmonize chorale melodies in the style of J. S. Bach by the time the course is completed. Most of the second semester will be used in the study of chords used since Bach and in establishing a foundation for writing in a contemporary style. Prerequisite: Beginning Harmony MU-111 and MU-112. Fall-Spring semesters.

213 Functional Piano—2 credits
Class instruction for Music Education majors; designed to build fundamental keyboard skills through scales, chords, arpeggios and other studies. Building of a repertoire of songs and the learning of a variety of chording techniques useful in teaching classroom music. Prerequisite: Beginning Harmony 111-112.
One year of piano study recommended prior to enrollment. May be repeated once for credit. Each semester.

221-222 **Advanced Ear Training** — 1 credit

A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, solfeggio and dictation in two, three, and four parts. Students will be expected to play at the keyboard, the more simple forms of the basic chords in four parts. Prerequisite: Beginning Harmony MU-111 and MU-112. Beginning Ear Training MU-121 and MU-122. and at least one year of piano, or concurrent piano study. Fall-Spring semesters.

259, 260 **String Instrumental Techniques and Methods** — 1 credit

Primarily for Music Education majors, this course deals with methods and materials of string class teaching in public schools, while providing the student a basic performing technique on two or more of the orchestral string instruments. Fall, Spring semesters. Fall semester: cello and string bass; spring semester: violin and viola.

261 **Basic Conducting** — 1 credit

Fundamental techniques of conducting: baton fundamentals, group psychology, rehearsal techniques, and simple score reading. Meets twice a week. Prerequisite: Beginning Harmony and Ear Training MU 111-112 and MU 121-122. Either semester.

263, 264 **Woodwind Instrumental Techniques and Methods** — 1 credit

Primarily for Music Education majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic pedagogical technique on two or more of the woodwind instruments. Fall, Spring semesters.

271 **Orientation to Music Education** — 1 credit

A look at school music programs to include all levels, primary through secondary programs. Meets twice a week — one lab period and one formal class period. Lab period will be visitation in public schools. Either semester.

**Upper Division**

301 **Percussion Techniques and Methods I** — 1 credit

This class is designed to meet the needs of students majoring in music education, and will serve to familiarize and train the students in the use of certain percussion instruments (snare drum, keyboard percussion instruments, small concert percussion, bass drum, cymbals, and tampani) with emphasis on teaching methods and pedagogical materials. Fall semester.

302 **Percussion Techniques and Methods II** — 1 credit

This class is designed to meet the needs of students majoring in music education, and will serve to familiarize and train the students in the use of certain percussion instruments (Afro-Indo-Latin, parade percussion, drum set, multipercussion), with emphasis on teaching methods and pedagogical materials. Additional areas of study will include: the manufacture and application of appropriate implements; terminology; musical performance; instrument substitution; tensioning and tuning; maintenance; performance literature (both solo and chamber music). Spring semester.

305 **History and Literature of the Romantic Era** — 3 credits

Study and consideration of representative musical works from Schubert and Beethoven to Mahler and Richard Strauss. The relationship of these works to parallel movements in literature and the other arts. Prerequisite: Beginning Harmony MU 111-112. Fall semester.

306 **History and Literature of the Twentieth-Century** — 3 credits

Styles and characteristics of music from the last decades of the previous century to the present. Works from Mahler and

307 **History and Literature of the Medieval and Renaissance Eras** — 3 credits

The analysis of the development of Western music from Greek theory and its cultural roots through Palestrina and his contemporaries. Consideration of the music of these periods as artistic entities and foundations for subsequent expression. Prerequisite: Beginning Harmony MU 111-112. Fall semester.

308 **History and Literature of the Baroque and Classical Eras** — 3 credits

Development of understanding of styles and characteristics of music of these periods through score reading, listening, analysis and discussion. Works from the Gabriels through Haydn and Mozart. Prerequisite: Beginning Harmony MU 111-112. Spring semester.

313-314 **Keyboard Harmony and Basic Improvisation** — 2 credits

A study of the 16th century composition techniques. The C clefs will be used and the student will write in two, three, and four parts, using the five classic species of counterpoint. If time permits the writing will be extended to include five and six parts and original compositions in the style. Prerequisite: Advanced Harmony MU 211, 212. Completion of MU 221 and MU 222 is desirable. Fall-Spring semesters.

345 **Opera Theatre** — 1 credit

A course in the study and production of operas. Permission of instructor required to register for course. Maximum 4 credits. Each semester.

359, 360 **Brass Instrumental Techniques & Methods** — 1 credit

Primarily for Music Education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with a basic performing technique on two or more of the brass instruments. Fall, Spring semesters. Fall semester: trumpet; spring semester: trombone, baritone, tuba.

365 **Choral Conducting** — 1 credit

A course designed to deal with the problems and techniques of choral conducting. Students will work with ensemble groups as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Fall semester.

366 **Instrumental Conducting** — 1 credit

A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Spring semester.

371 **Public School Music** — 2 credits

Materials, methods and problems relating to classroom music in grades one through six. Prerequisite: Music Fundamentals MU-101 or equivalent. Each semester.

385 **Choral Methods and Materials** — 2 credits

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. Meets three times a week. Prerequisite: Basic Conducting MU 261 prior to enrollment and Choral Conducting MU 361 prior to concurrent enrollment. Spring semester.

387 Band and Orchestra Methods and Materials - 2 credits
The study of the organization and administration of bands and orchestras at the secondary school level; includes equipment purchasing, budgets, public relations, planning, rehearsal techniques, scheduling, programming, and emergency repairs of instruments. Fall semester.

409 Elements of Form — 3 credits
Elements of form from both design and harmonic structure standpoint. Detailed analysis of the phrase and the simpler binary and ternary forms; cursory treatment of larger forms. Prerequisite: Advanced Harmony MU 211-212. Fall semester.

410 Advanced Form and Analysis — 2 credits
Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. Prerequisite: Elements of Form MU 409. Spring semester.

413-414 Continuo Realization and Improvisation — 2 credits
Designed especially for organists and composition majors; other students may enter by permission of instructor. Special attention will be given to improvising the harmonies from the figured basses in the choral scores of the Baroque Period. Original work in improvisation will also be stressed. Prerequisite: Keyboard Harmony and Basic Improvisation MU-313 and MU-314. Fall-Spring semesters.

421 Canon and Fugue — 2 credits
An analytical study of the formation of canons and fugues. The student will study and write canons and canonic devices at all intervals. Fugal expositions, and complete fugues will be studied and written in three and four voices. Prerequisite: Advanced Harmony MU-211 and MU-212, and Countermelody MU-321 and MU-322. Either semester.

455 Band Arranging — 2 credits
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: Advanced Harmony MU 211-212. Fall semester.

456 Orchestra Arranging — 2 credits
Required of Theory and Composition majors but open to other students who can qualify. A study of scoring and notation for strings and for voices in various combinations with primary emphasis on the orchestra. Prerequisite: Band Arranging MU 455. Spring semester.

461, 462 Piano Pedagogy — 1 credit
Teaching problems at all levels, appraisal of new literature, and the study of grading sequences for the piano teacher. Examples in performance and interpretation and surveys of various methods and other teaching materials. Open to prospective or current piano teachers with consent of instructor. Fall. Spring semesters.

475-476 Music Composition — 2 credits
Designed for Theory and Composition majors. The course instructs the student to compose in the larger forms, as well as in the simpler ones. Composing for various instruments and voices will be explored. Prerequisite: Beginning Harmony MU 111 and MU-112. Advanced Harmony MU-211 and MU-212

DEPARTMENT OF PHYSICS, ENGINEERING AND PHYSICAL SCIENCE

Dr. Gary R. Newby, Chairman
Professors: Dahm
Associate Professors: Hahn, Keller, Luke, Newby, Stark
Assistant Professors: Severance, Campbell
Instructors: Allen (J)

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 4 years and the following program is designed to do this along with 2 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 4 1/2, 5 years or more to earn the degree. Therefore, a convenient option based on 3 years at BSC followed by 1 1/2 years at Idaho U. is available and students may consult an engineering advisor about this program. This 5-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 their advisor about possible program modifications if they plan to go to some school other than University of Idaho to complete their degree.
SCHOOL OF ARTS & SCIENCES
Department of Physics, Engineering and Physical Science

COMMON FRESHMAN YEAR:
(All Engineering Majors)

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E-101-102)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Chemistry (C-101-102)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M-112-205)</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Engineering Fundamentals (EN-107-108)</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming (EN-104)</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Physics I (PH-220)</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td></td>
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</table>

Common Sophomore Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics II and III (PH-221-222)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physics Lab for Engineers (PH-226)</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>*Humanistic-Social Elective (EN-206)</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Mechanics (EN-206)</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Electrical Engineering (EN-221)</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M-206)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Engineering Math (M-321)</td>
<td>-</td>
<td>5-7</td>
</tr>
</tbody>
</table>

Branch Variations:

<table>
<thead>
<tr>
<th>Branch</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural Engineering</td>
<td>4</td>
</tr>
<tr>
<td>Life Science Elective</td>
<td>2</td>
</tr>
<tr>
<td>Dynamics of Rigid Bodies (EN-206)</td>
<td>2</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>6</td>
</tr>
<tr>
<td>Dynamics of Rigid Bodies (EN-206)</td>
<td>2</td>
</tr>
<tr>
<td>Engineering Measurements (EN-216)</td>
<td>2</td>
</tr>
<tr>
<td>Humanistic Social Elective</td>
<td>3</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>7</td>
</tr>
<tr>
<td>Dynamics of Rigid Bodies (EN-206)</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Economics (EC-201)</td>
<td>3</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>5</td>
</tr>
<tr>
<td>Organic Chemistry (C-218)</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics (EC-201)</td>
<td>3</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>6</td>
</tr>
<tr>
<td>Network Analysis (EN-223)</td>
<td>4</td>
</tr>
<tr>
<td>Humanistic Social Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

PHYSICS

A Baccalaureate Degree is not yet offered in Physics. However, with the PH-220 through PH-224 series, three upper division Physics courses, related Mathematics courses and required Humanities and Social Science courses, a student could complete 2 or 3 years at BSC before transferring elsewhere to complete degree requirements in physics. As mathematics serves such a fundamental role in physics, the interested student may wish to follow the applied mathematics option for a bachelor's degree in mathematics. (Refer to Requirements for Mathematics Major.)

ARCHITECTURAL DESIGN

Boise State College does not offer an architectural program. Below is a list of basic courses all of which would transfer to an Architectural School. A profitable 1 to 1-1/2 years could be made up of these courses preparatory to transfer. Some colleges offer a degree in Architectural Engineering. If interested in this type of degree the student should follow the Civil option under Engineering Curriculum.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 103 Introduction to Art</td>
<td>4</td>
</tr>
<tr>
<td>AR 105, 106 Basic Design</td>
<td>4</td>
</tr>
<tr>
<td>AR 111, 112 Elementary Drawing</td>
<td>4</td>
</tr>
<tr>
<td>EN 101, 102 English Composition</td>
<td>4</td>
</tr>
<tr>
<td>EN 101 Technical Drawing</td>
<td>4</td>
</tr>
<tr>
<td>EN 104 Digital Computer Programming</td>
<td>4</td>
</tr>
<tr>
<td>M 111 Algebra and Trigonometry</td>
<td>4</td>
</tr>
<tr>
<td>M 112 Calculus and Analytical Geometry</td>
<td>4</td>
</tr>
<tr>
<td>PH 101, 102 General Physics</td>
<td>4</td>
</tr>
<tr>
<td>PE Physical Education Requirement</td>
<td>4</td>
</tr>
</tbody>
</table>

Also up to 12 hours could be taken from: anthropology, economics, geography, history, philosophy, political science, psychology, or sociology.

Course Offerings

EN ENGINEERING

Lower Division

101 Technical Drawing — 2 credits
A basic course of technical drawing procedures for those with little or no high school or work experience background in this area. Covers lettering, use of drawing instruments, geometric construction, orthographic projections, sectioning, dimensioning, pictorial drawings, working drawings and graphic solution of point line and plane problems. Two 2-hour lecture laboratory periods per week. Each semester.

104 (M-125) Digital Computer Programming — 2 credits
Course for engineering, science or mathematics majors to introduce fortran programming principles and logic. Consideration given to input-output, flow charting, handling arrays, function and subroutine subprograms, applied to problem solving. Prerequisite: M-106, M-111 or M-115 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both EN 104 and M 125. Each semester.
107-108 Engineering Fundamentals — 2 credits
An integrated course covering and relating such topics as professional and social responsibilities of the engineer, engineering computations, graphics and introduction to the design process. Two 2-hour lecture labs. Student should have a minimum mathematics background equal to M-111. Each semester.

205 Introduction to Mechanics — 3 credits

206 Dynamics of Rigid Bodies — 2 credits
Analysis of forces and the resulting motion as pertains to rigid bodies undergoing rotary and general plane motion. Prerequisite: EN-205. Second semester.

215 Basic Surveying — 2 credits
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. One lecture and one 3-hour lab. Prerequisite: M-111 or equivalent. First semester.

216 Engineering Measurements — 2 credits
Advanced topics in surveying plus theory and practice relating to types of errors, distribution of errors and precision in measurement. One lecture and one 3-hour lab. Prerequisite: EN-215. Second semester.

221 Introduction to Electrical Engineering — 3 credits
Basic electrical theory for all engineering students. Covers both d.c. and a.c. circuits. Three lectures per week. Prerequisite: M-112. First semester.

223 Network Analysis — 4 credits
Deal with circuit analysis of advanced d.c. and a.c. circuit concepts including network theorems, frequency domain analysis and coupled circuit. Three recitations per week and one three-hour laboratory. Prerequisite: EN-221. Second semester.

225 (M 225) Applied Fortran Programming — 2 credits
A general course to illustrate advanced techniques in Fortran programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: EN-104 and M-205. Credit cannot be obtained for both EN 225 and M 225. Each semester.

Upper Division

301 Fluid Mechanics — 3 credits
Physical properties of fluids; fluid mechanics and measurements; viscous and turbulent flow, momentum, lift, drag, and boundary layer effects; flow in pipes and open channels. Three recitations per week. Prerequisites: Calculus M-206 and Intro to Mechanics: EN-205. Second semester.

306 Mechanics of Materials — 3 credits

320 Thermodynamics and Heat Transfer — 3 credits
First and second laws of thermodynamics, thermodynamic processes; thermodynamic properties of fluids; flow processes; heat to work conversion; refrigeration; conduction and radiation. Three recitations per week. Prerequisites: Calculus M-206 and Physics II - Wave Motion and Heat PH 221. First semester.

SCHOOL OF ARTS & SCIENCES
Department of Physics, Engineering and Physical Science

PS PHYSICAL SCIENCE

Lower Division

100 Foundations of Physical Science — 4 credits
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. Three lectures and one laboratory experiment per week. Each semester.

101-102 Principles of Physical Science — 4 credits
Selected fundamental principles (motion, matter, energy) of the physical sciences are examined and applied in the various science areas. A year sequence course for non-science majors. Three lectures and one laboratory experiment per week. PS-101 emphasizes classical ideas and methods of the physical sciences. PS-102 emphasizes modern ideas. PS-102 is open to students who have acquired sufficient background without having necessarily taken PS-101. Each semester.

PH PHYSICS

Lower Division

101-102 General Physics — 4 credits
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 forestry, pre-dental and pre-medic students. Three lectures and one 3-hour laboratory period per week. Prerequisite: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics — 4 credits
A course designed primarily for those who are studying to be X-Ray or radiologic technicians. Topics covered will be fundamental physical units, energy, electricity and magnetism, atomic and nuclear physics, X-Ray production, radiation shielding and detection, radiography, isotopes, and health physics. Summer session.

106 Introduction to Descriptive Astronomy — 4 credits
A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Three lectures and one two-hour laboratory. A one-semester course for non-science majors. Each semester.

207 Introduction to Biophysics — 4 credits
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 lab to study biological systems. Three 1-hour lectures and two 2-hour labs. Prerequisite: It is recommended that the students have taken Math 111 or 115 or its equivalent.

220 Physics I — Mechanics — 3 credits
Kinematics, dynamics of particles, statics, momentum, work, energy, rotational motion and vibratory motion. Three 1-hour lectures and one 1-hour recitation per week. Corequisite: M-112. Either semester.

221 Physics II — Wave Motion and Heat — 3 credits
Wave motion on strings, sound and acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the first and second laws of thermodynamics. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH220. Either semester.

222 Physics III — Electricity and Magnetism — 3 credits
Coulomb's law, electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH 220. M-205. Either semester.

77
223 Physics Lab I — 1 credit
Basic experiments in mechanics, wave motion, sound, optics and heat. One 3-hour lab per week. Prerequisite: PH 220. Corequisite: PH 221. First semester.

224 Physics Lab II — 1 credit
Basic experiments in electricity and magnetism. One 3-hour lab per week. Prerequisite: PH 220. Corequisite: PH 222. Second semester.

226 Physics Lab for Engineers — 1 credit

Upper Division

301 Electronics Lab — 3 credits
Electrical measurements, power supplies, amplifier circuits, oscillators, servo systems, and electronic switching and timing. One 1-hour lecture and two 3-hour laboratory periods per week. Prerequisite: PH-222 and PH-224. First semester.

311-312 Modern Physics — 3 credits
A brief introduction to the special theory of relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic and nuclear physics, and properties of matter. Three lectures per week. Prerequisite: PH-221, PH-222, C-102 or C-112. Corequisite: M-321 or M-331. Each semester.

381-382 Electricity and Magnetism — 3 credits
Electrostatic fields, potentials, Gauss’ law, solutions of Laplace’s equation, electrostatics of conductors and dielectric materials, magnetic materials, vector potentials, Maxwell’s equations, and electromagnetic radiation. Three one-hour lectures per week. Prerequisites: PH-221, PH-222 and M-321 or M-331. Each semester.

DEPARTMENT OF POLITICAL SCIENCE

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 governmental systems and processes, political behavior, comparative government and politics, international relations, and public law.

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 College offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

REQUIREMENTS FOR POLITICAL SCIENCE MAJOR

Bachelor of Arts Program

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 three "areas of emphasis" as available options for a major program in Political Science:

I. Political Philosophy
II. American Governmental Systems and Processes
III. International Relations
The basic requirements applicable to all major programs in Political Science, irrespective of the selected area of emphasis, are to include the following courses:

- PO 101 Federal Government .................................................. 3 credits
- PO 141 Contemporary Political Ideologies ........................................ 3 credits
- PO 229 Comparative European Governments and Politics .................. 3 credits
- PO 231 International Relations .................................................. 3 credits
- PO 498 Seminar (Scope and Methods of Political Science) .................. 2 credits

At least 3 Semester credits in Western Political Theory

PO 441, PO 442 strongly recommend for all students with a major program in Political Science.

The course requirements applicable to each of the three designated areas of emphasis, offered as optional major programs in Political Science, are described below.

I. Political Science - Political Philosophy emphasis.
A. General College and Core Requirements.
B. Political Science Major Requirements (45 credits)
   1. Lower Division courses (12 credits)
      - PO 101 Federal Government .................................................. 3 credits
      - PO 229 Comparative European Governments and Politics .................. 3 credits
      - PO 231 International Relations .................................................. 3 credits
   2. Upper Division Courses (33 credits)
      - PO 301 American Politics .................................................. 3 credits
      - PO 431 American Political Theory ............................................ 3 credits
      - PO 442 Western Political Theory II ............................................ 3 credits
      - PO 451 Comparative Legal Systems ............................................. 3 credits
      - PO 498 Senior Seminar (Scope and Methods of Political Science) ........ 2 credits
      - Political Science electives (13 credits)

II. Political Science - American Governmental Systems
    Processes emphasis.
A. General College and Core requirements.
B. Political Science major requirements (45 credits)
   1. Lower Division Courses (18 credits)
      - PO 101 Federal Government .................................................. 3 credits
      - PO 141 Contemporary Political Ideologies ........................................ 3 credits
      - PO 229 Comparative European Governments and Politics .................. 3 credits
      - PO 231 International Relations .................................................. 3 credits
   2. Upper Division Courses (27 credits)
      - PO 301 American Politics .................................................. 3 credits
      - PO 401 Constitutional Law .................................................... 3 credits
      - PO 441 Western Political Theory I ............................................ 3 credits
      - PO 442 Western Political Theory II ............................................ 3 credits
      - PO 451 Comparative Legal Systems ............................................. 3 credits
      - PO 498 Senior Seminar (Scope and Methods of Political Science) ........ 2 credits
      - Political Science electives (13 credits)

III. Political Science - International Relations emphasis.
A. General College and Core requirements.
B. Political Science major requirements (45 credits)
   1. Lower Division Courses (12 credits)
      - PO 101 Federal Government .................................................. 3 credits
      - PO 141 Contemporary Political Ideologies ........................................ 3 credits
      - PO 229 Comparative European Governments and Politics .................. 3 credits
   2. Upper Division courses (33 credits)
      - PO 311 International Politics .................................................. 3 credits

IV. 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 two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

30 Hour Program - 24 hours required courses:
- PO 101 Federal Government .................................................. 3 credits
- PO 102 State & Local Government ............................................. 3 credits
- PO 221 Voting Behavior and Public Opinion ...................................... 3 credits
- PO 231 International Relations .................................................. 3 credits
- PO 229, 324, or 333 Comparative Government ...................................... 6 credits
- PO 431, 441, or 442 Political Theory ............................................ 6 credits
- Plus upper division Political Science electives .................................... 24 credits

15 Hour Emphasis - 9 hours required courses:
- PO 101 Federal Government .................................................. 3 credits
- PO 231 International Relations .................................................. 3 credits
- PO 431 and/or 441 or 442 Political Theory ........................................ 3-6 hours
- Plus 3-6 hours of appropriate upper division Political Science courses to be worked out with advisor according to major field of emphasis ............................................ 3-6 credits

Course Offerings

PO Political Science

Lower Division

101 Federal Government — 3 credits
A study of the institutions and processes of the American political system, emphasizing the social, ideological, and constitutional background. Both semesters.

102 State and Local Government — 3 credits
A study of the institutions and processes of state and local government with emphasis on constitutionalism, legislatures, governors and reapportionment. Both semesters.

141 Contemporary Political Ideologies — 3 credits
An examination of liberalism, communism, fascism, and Nazism, with emphasis on the principal ideas characterizing each "ideology". First semester.

221 Voting Behavior and Public Opinion — 3 credits
The course will explore the development of public opinion and electoral behavior. Empirical research from a variety of fields will be used in an attempt to understand and analyze the factors that mold popular attitudes and political behavior. First semester.
229 Comparative European Governments and Politics — 3 credits
A comparative study of the political systems of selected European nation-states, including Great Britain, France, the German Federal Republic, Italy and the Scandinavian states. The patterns of political culture, political interests, political power, and selected public policy issues will be analyzed. Prerequisite: Federal Government (PO-101) or consent of instructor and approval of Department Chairman. First semester.

231 International Relations — 3 credits
A study of the nature of relations among nations with particular reference to contemporary international issues; an analysis of motivating factors including nationalism, imperialism, communism, a study of the problem of national sovereignty and its relation to international cooperation. Prerequisite: Federal Government PO-101. Both semesters.

Upper Division

301 American Politics — 3 credits
A comprehensive study of the total American Political System. Special consideration will be given to past and present political trends with the objective of understanding their probable impact on future developments. Both semesters.

303 Introduction to Public Administration — 3 credits
Theory, administrative organization, functions and problems of public governmental units. Prerequisite Federal Government PO-101. First semester.

311 International Politics — 3 credits
A comprehensive study of the political institutions, concepts, values, and methods of international politics relevant to the practice of nation-states; examination of foreign policies and objectives of the world's major powers; analysis of contemporary international problems; consideration of theories of international politics. Prerequisite: Federal Government PO-101 or International Relations PO-231 or consent of instructor and approval of Department Chairman. Both semesters.

324 Comparative Communist Party-State Systems — 3 credits
A comparative study of the political systems of the Soviet Union, Eastern Europe, People's Republic of China, and other Communist Party-States. Selected topics and problems relating to the political institutions and political processes will be presented for defining the patterns of political relationships in these states. Attention is to be given to questions of political theory and political determinants in the development of the Communist Party-States. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Second semester. Alternate years. Not offered 1973-74.

333 Comparative Governments and Politics of the Developing Nations — 3 credits
A study of the political systems of selected nations in the developing areas of the world, including nation-states in Africa, Asia, and Latin America. The patterns and problems of political development and modernization in the nations will be analyzed. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Second semester. Alternate years.

335 United States Foreign Policy — 3 credits
(See Diplomatic History of the United States, HY 362, for description of course as interdepartmental offering with Department of History). Prerequisite for Political Science majors: Federal Government PO-101 or consent of instructor and approval of Chairman of Political Science Department. Second semester. Alternate years.

401 Constitutional Law — 3 credits

412 Legislative Behavior — 3 credits
An analysis of the behavior of American state and national legislatures. Special consideration will be given to the impact of constituencies, parties, interest groups, interpersonal relations, and other related factors upon legislators, and the role of the legislature in the American political system. Prerequisite: Federal Government PO-101. Second semester.

421 International Law — 3 credits
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: Federal Government PO-101 and International Relations PO-231. First semester.

422 International Organization — 3 credits
Historical background: the League; basic problems of international entities; the United Nations. Prerequisite: Federal Government PO-101 and International Relations PO-231. Second semester.

431 American Political Theory — 3 credits
The genesis and development of political thought in the United States from the colonial period to the present. Both semesters.

441 Part I Western Political Theory — 3 credits
The development of political philosophy from Socrates to Machiavelli. First semester.

442 Part II Western Political Theory — 3 credits
The development of political thought since Machiavelli. Prerequisite: Part I Western Political Theory PO-441. Second semester.

451 Comparative Legal Systems — 3 credits
An examination of principal legal systems of the world, with emphasis on ideational foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisites: Federal Government PO-101. Contemporary Political Ideologies PO-141, and Comparative European Governments and Politics PO-229 or consent of instructor and approval of Department Chairman. Second semester. Alternate years.

498 Senior Seminar (Scope and Methods of Political Science) — 2 credits
An examination of the discipline of Political Science, its central problems and unifying concerns, and an inquiry into the techniques of scientific political investigation as they relate to improved research methods. This seminar is required of all Political Science majors. First semester.

PY PHILOSOPHY

Lower Division

101 Introduction to Philosophy — 3 credits
The main problems in philosophy. Selected readings from the works of several major philosophers. Both semesters.

211 Ethics — 3 credits
The development of ethical thought, with the object of deriving a standard for governing individual and social conduct. First semester.

221 Logic — 3 credits
Valid and invalid methods of reasoning with special attention to the function of logic in the methods of science. Prerequisite: Sophomore standing or Introduction to Philosophy PY-101. Second semester.

231 Philosophy of Religion — 3 credits
An inquiry into the nature of religious belief, the concept of God, the problem of evil and representative ideas of great religions. Prerequisite: PY-101 or PY-211. Either semester.
DEPARTMENT OF SOCIETAL AND URBAN STUDIES

Dr. Patricia M. Dorman, Chairman
Associate Professors: Dorman, Scheffer, Wilcox
Assistant Professors: Beck, Christensen, Corbin, Cox, Harvey, Hopfenbeck, Huff
Instructor: Taylor
Visiting Professor: Oliver

The Department believes that the condition of urban life in modern society requires a broad, interdisciplinary approach to provide competency and knowledge in the areas of societal and urban studies. In addition, the curriculum offers current perspectives for resolving many of the existing problems which face man. It provides an opportunity for each student to gain both the scientific and practical knowledge in four disciplines: sociology, social work, anthropology and criminal justice administration.

Capitalizing on a variety of fields, the Department offers students an opportunity for entry into the rapidly growing occupational areas of personal services in urban society. The Department also offers a sound undergraduate curriculum preparatory to graduate study in each baccalaureate program.

CRIMINAL JUSTICE ADMINISTRATION

(Bachelor of Arts Program)

1. General College Requirements — 2 year program
2. Major Requirements — 4 year program

Lower Division:
   Contemporary Economic Problems ............ 3
   Principles of Accounting ................... 3
   Judo (1) - Self Defensive Tactics (1) ....... 3
   Business English .......................... 3
   Fund. Concepts of Math .................... 4

Upper Division:
   Introduction to Criminalistics or Comparative
   Law Enforcement Problems .................. 3
   Contemporary Law Enforcement Problems ...... 3
   Juvenile Delinquency ....................... 3
   Criminology ................................ 3
   Abnormal Psychology ...................... 3
   Social Psychology ......................... 3

   27 credits

3. Major Requirements — 2 year program

The requirements of the 2 year Associate of Science degree are all of the lower division courses of the above listed Bachelor of Arts program.

Students normally must satisfy science requirements from the following courses: Concepts of Biology (B103), Concepts of Chemistry (C100), or Foundations of Physical Science (PS110.) Deviation from this requirement such as a single science sequence must be approved by the CJA director.

REQUIREMENTS FOR SOCIAL SCIENCE MAJOR

Bachelor of Arts Program

1. Liberal Arts Option
2. Social Science requirements:

   A. Lower Division Courses .......................... 21
      Anthropology or Geography ................... 3
      Economics .................................. 3
      Political Science ......................... 3
      Sociology ................................ 3
      Social Science Electives .................. 9
   B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields): 24
      Anthropology ..............................
      Economics ................................
      Political Science ..................
      Sociology ..............................
      Social Science Electives ................
      Psychology ..............................

REQUIREMENTS FOR SOCIAL WORK MAJOR

Bachelor of Arts Program

1. General College and Major Requirements ........... 128
2. Lower Division Courses .......................... 74
   A. Physical Education ......................... 2
      English Composition ........................ 6
      Literature ................................ 6
      Humanities ................................ 6
      History .................................. 6
      Lab Science or Math ....................... 12
      Speech .................................. 3
      Economics ................................ 3
      Intro-Sociology ............................ 3
      Social Problems ............................ 3
      General Psychology ....................... 3
      State and Local Government ............... 3
      Intro-Social Work ......................... 3
      General Electives .......................... 15
   B. Upper Division Courses ........................ 54
      Social Welfare ............................ 3
      Normal Social Functioning ................ 3
      Philosophy of Social Work ................. 3
      Field Work ................................ 6
      Social Work Methods ...................... 3
      Statistics ................................ 3
      Group Interaction .......................... 3
      Community Organization ................. 3
      Psychology Electives ..................... 9
      Sociology and Social Work Electives ..... 15
      General Electives .......................... 3

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REQUIREMENTS FOR SOCIOLOGY MAJOR

1. General College and core requirements to meet either Bachelor of Arts or Bachelor of Science Program* as given on page 29-32.

2. At least 78 credit hours in fields other than sociology, including at least 15 hours in a single field or in a related group of subjects as defined by the individual student in consultation with his advisor.

3. At least 29 credit hours in Sociology including:

- 15 Hour Emphasis for Social Science Secondary Education.
- 15 hour Anthropology emphasis in Social Science Secondary Education options.

Course Offerings

AN ANTHROPOLOGY

Lower Division

201 Physical Anthropology — 3 credits
An introduction to the fossil evidence for human evolution, population genetics, human variation, and the study of living primates with emphasis on behavior. Each semester.

202 Cultural Anthropology — 3 credits
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. Each semester.

203 Introduction to Archaeology — 3 credits
An introduction to the historic background and basic techniques of archaeological excavation. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, their activities and their histories. Fall semester.

Upper Division

303 Old World Prehistory — 3 credits
An in-depth study of the evolution of man and the development of culture. The course traces man’s development from the first known evidence of cultural behavior (ca 2 1/2 million years ago); the development of man during the “Ice Age;” the spread of man throughout the Old World; the domestication of plants and animals; and the rise of civilization. Prerequisite: AN 202. Either semester.

307 Indians of North America — 3 credits
A general survey with emphasis on the description and analysis of native cultures and the role of environment and historical factors in North America. Prerequisite: AN-202. Either semester.

311 World Ethnography — 3 credits
The cultural patterns of representative aboriginal peoples. Technology, subsistence, social organization, and supernaturalism considered with a view toward environmental adjustment, historical development and functional interrelations. Prerequisite: AN 202 or consent of instructor. Either semester.

421 Theory and Method in Archaeology — 3 credits
A survey of the philosophical and theoretical foundations of archaeology. Includes the developments in methodology and technical advances as applied to archaeological research. Prerequisite: AN 203. Either semester.

CR CRIMINAL JUSTICE ADMINISTRATION

Lower Division

201 Law Enforcement in Modern Society — 3 credits
A study of philosophy, history, objectives, and the functions of law enforcement as an institution; institutional relationship to society; general overview of the administration of justice. Second semester.

212 Jail Administration — 3 credits
Historical development of local detention facilities, present and future trends of operation and administration. Operation of programs for the sentenced misdemeanants, first offenders, female and juvenile offenders. Special problems relative to inmate social interaction and supervision of prisoners. Prerequisite: CR-201. First semester.
215 Patrol Administration — 3 credits
The Patrol function as the fundamental police operation; multi-level decision and policy-making processes; determination of functional areas of patrol responsibility. Prerequisite: CR-201 or instructor permission. First semester.

225 Vice and Organized Crime — 3 credits
The history, cause, nature, and control of vice and organized crime are studied. Prerequisite: CR-201. Second semester.

231 Criminal Investigation — 3 credits
Designed to acquaint the student with investigation as it involves the application of the investigative process in criminology, discovery and preservation of evidence, investigative report organization and content of investigative reports, and evidentiary proof of the elements of crime. Prerequisite: CR-201. Second semester.

275 Law of Criminal Evidence — 3 credits
Presentation of the laws and rules of evidence, 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. First semester.

**Upper Division**

301 Administration of Justice — 3 credits

321 Criminal Law — 3 credits

331 Probation and Parole — 3 credits
Historical development, organization, operation, purpose and outcome of post-conviction release programs. Included will be probation, parole, work-release and others. Analysis of program effectiveness. Review of the role of the probation and parole counselor within the program framework. Prerequisites: P-101 and SO-101, or instructor permission. Second semester.

*340 Principles of Interviewing — 3 credits
Familiarization with the elements of the interviewing process for law enforcement personnel. Included are both the counseling and interrogative aspects with a view to promoting effective and productive relationships within any interviewing situation. Prerequisite: P-101. First semester.

351 Police Organization and Management — 3 credits
The principles of organization and management as applied to law enforcement administration, current and future problems in criminal justice administration. Special course materials cost $8.00. Prerequisite: CR-201. First semester.

361 Correctional Administration — 3 credits
History of correctional institutions; present and future trends of handling the offender in the community and through institutionalization. Review of the President's Task Force Report on Corrections. Organization and program structure within a penal institution. Prerequisite: SO-101, Introduction to Sociology, or instructor permission. Each semester.

*380 Introduction to Criminalistics — 3 credits
Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field investigations and laboratory techniques. Prerequisite: CR-201. (Alternate years.) Second semester.

**Contemporary Law Enforcement Problems — 3 credits**
Exploration of current and anticipated administrative/procedural areas of difficulty as they result from: Changing public opinion, employee needs and demands, court precedent and decision, and progressive developments and experimentation within law enforcement. Prerequisite: Upper Division CJA standing. Second semester.

**Private and Industrial Security — 3 credits**
Philosophy and techniques of operation in the areas of security organization and management, investigations, physical plant and personnel security, and legal and jurisdictional limitations. Prerequisite: upper division CJA standing. First semester.

*451 Comparative Law Enforcement Administration
— 3 credits
An analysis and comparison of law enforcement systems at the Federal, State, and local levels, and International systems. Prerequisite: CR-201. (Alternate years.) Second semester.

**SW SOCIAL WORK**

**Lower Division**

101 Introduction to Social Work — 3 credits
Survey of the field of social welfare, and the need for social services in society. Social work function and career opportunities. Required for social work major. Both semesters.

**Upper Division**

301 Social Welfare — 3 credits
Social welfare as an institution. Man and his needs; public vs. private social responsibility. Prerequisite: Introduction to Sociology, SO-101. Both semesters.

302 Community Planning and Community Organization
— 3 credits

321 Normal Social Functioning — 3 credits
A review of human behavior with special emphasis on observance and understanding for social workers. Required for social work majors. Prerequisite: SW 101. Both semesters.

401 Social Work Methods — 3 credits
An examination of skills employed to serve individuals, groups, and communities: Interviewing, case work, group work, case recording. Prerequisite: SW-301. Fall semester.

402 Philosophy of Social Work — 3 credits
A study of the philosophy of Social Work, with emphasis on the social and humanitarian values of the profession. Prerequisite: SO-101: SW-301. Both semesters.

421-422 Field Work Laboratory — 3 credits
Six hours per week in an agency field placement plus two-hour seminar to integrate theory with practice. Prerequisite: SW-301. Concurrent enrollment in SW-401 (Fall semester) and in SW-402 (Spring semester) and permission of instructor. Each semester.

451 Group Interaction — 3 credits
Dynamics of group behavior. Understanding group interaction and the processes of working with groups. Prerequisite: SW-321. Both semesters.

498 Senior Level Seminar — 2 credits
Discussion of topics of particular interest to Social Work students who are planning to enter practice. Prerequisite: senior standing in Social Work. Enrollment of one semester required. Both semesters.

* Limited to Criminal Justice Administration majors.

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SCHOOL OF ARTS & SCIENCES
Department of Societal and Urban Studies

**SOCIOLOGY**

Lower Division

101 Introduction to Sociology — 3 credits
Introduction to the sociological perspective; analysis of the basic elements of human groups and societies: culture, social organization, socialization; inequality, and population. Both semesters.

102 Social Problems — 3 credits
Application of the sociological perspective to contemporary problems associated with the structure of American society. Both semesters.

121 Preparation for Marriage and Family Life — 2 credits
A study of the factors that are likely to be of some practical help for young people in the selection of a marriage partner and in making the necessary adjustments of marriage and family life. Open to all college students. Either semester.

240 Sociology of the Family — 3 credits
An analysis of courtship, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the relationship of these patterns to the larger society. Prerequisite: SO-101. Either semester.

250 Population — 3 credits
The theory of population from Malthus to the present. (1) Social factors that influence population size, such as birth control and inadequate housing; (2) composition of the population; past and present trends of populations. Prerequisite: Introduction to Sociology SO-101. Either semester.

Upper Division

305 Racial and Cultural Minorities — 3 credits
Analysis of inter-ethnic contacts. The development of racial attitudes; theories relating to casual factors of prejudice and discrimination. Prerequisite: Introduction to Sociology SO-101 or General Psychology P-101. Either semester.

310 Elementary Social Statistics — 3 credits
The application of measurements to sociological data. Basic statistical measures, techniques for their application, meaning and use in research. Recommended for majors, to be taken in the Junior year and followed by SO-311. Prerequisite: SO-101, High School Algebra, upper division status. Fall semester.

311 Social Research — 3 credits
An introduction to the empirical basis of modern sociology; methods of research design and the statistical analysis of social data. Prerequisite: Introduction to Sociology SO-101 and Elementary Social Statistics SO-310. Spring semester.

321 American Society — 3 credits
An analysis of American society in terms of the growth, structure, and change of its major social institutions; economy, government, religion, education and family. Prerequisite: Introduction to Sociology SO-101. Either semester.

331 Deviant Behavior and Social Control — 3 credits
Analysis of the forms and causes of social deviancy, how social systems control behavior through the socializing process, the sanction system and the allocation of prestige and power. Prerequisite: Introduction to Sociology SO-101. This course may be used as either Sociology or Criminology credit. Either semester.

351 Social Institutions — 3 credits
Study of the basic institutions. An analysis of values, norms, and behavior organized around the important goals of society. Prerequisite: SO-101. Either semester.

361 Industrial Sociology — 3 credits
Study of the social organization of work in industrial society with attention to internal human relations and to the external relations in the community. Prerequisite: SO-101. Either semester.

401 History of Sociology — 3 credits
Presociological perspectives on society from ancient times to the present. Relationships of social thought and social structure. Theories of selected sociologists. Prerequisite: SO-101 and upper division status. Fall semester.

402 Current Sociological Perspectives — 3 credits
Major theoretical issues in contemporary sociology; works of leading contemporary sociologists. Prerequisite: SO-101 and upper division status. Spring semester.

403 Social Change — 3 credits
This course will study the factors influencing the acceptance or rejection of innovations, and their effects on social institutions. Prerequisites: SO 101 and upper division status. Either semester.

407 Sociology of Religion — 3 credits
A study of religion as a social phenomenon. Prerequisite: SO-101 and upper division standing. Offered alternate years — Either semester.

415 Juvenile Delinquency — 3 credits
A study of causation, treatment, and control of juvenile delinquency. Prerequisite: SO-101. This course may be used as a Sociology or Criminology credit. Either semester.

417 Criminology — 3 credits
Sociology as applied to the study of "crime" as defined by the laws of society; the possible causes of criminal behavior and the way society attempts to control criminal behavior. Prerequisite: SO-101. This course may be used as a Sociology or Criminology credit. Either semester.

421 Social Stratification — 3 credits
Examination of the theoretical and methodological problems in the study of the wealth, prestige and power distribution of local and national stratification systems; implications for the functioning of communities with emphasis on the problems of poverty. Prerequisite: SO-101. Second semester.

424 Rural Sociology and the Emerging Nations — 3 credits
The sociological study of rural life in agrarian society and the phenomena of the emerging nations. Prerequisite: SO 101. Either semester.

425 The Urban Community — 3 credits
An examination of the changing growth, demographic, stratification and institutional structure of urban communities; the causes of urbanization and its consequences for individual and group interaction. Prerequisite: SO-101. Either semester.

498 Sociology Seminar — 2 credits
Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.

Credit in Sociology may be awarded for the course P-431, Social Psychology listed with the Psychology courses. See Part V School of Education
### DEPARTMENT OF THEATRE ARTS

Dr. Robert E. Ericson, Chairman
Professor: Shankweiler
Associate Professor: Ericson
Assistant Professors: Corbett, Lauterbach
Instructors: Heise

### REQUIREMENTS FOR THEATRE ARTS MAJOR

**Bachelor of Arts Program**

General college requirements as listed under college requirements. Bachelor of Arts degree except:

A. Theatre Arts majors are required to take two hours of Physical Education courses as specified by their advisor, (i.e., fencing, dance, gymnastics, etc.)

B. Area I

- Intro to Theatre and Intro to Art or Music: 6
- Dramatic Literature: 3
- Elective Literature course: 3

C. Area II

- History of Western Civilization: 6
- General Psychology: 3
- Elective: 3

D. The department recommends that Theatre Arts majors take one year of a foreign language.

### MAJOR SUBJECT REQUIREMENTS

**THEATRE:**

- Introduction to Theatre: 3
- Technical Theatre: 6
- Acting (lower division): 3
- Stage Voice: 3
- World Drama: 6
- Directing: 3
- Theatre History: 6
- Contemporary Drama: 3

**CREDITS:**

33

(Upper Division — 21)

**SECONDARY EDUCATION:**

Departmental requirements for the Secondary Education Option are the same as regular theatre major plus:

- TA-402 Directing: 3
- E-345 or E-346 Shakespeare is substituted for Contemporary Drama TA-445
- The student must also satisfy the requirements for teacher certification.

### THEATRE ARTS MAJOR

**Bachelor of Arts Program**

(Suggested Sequence: departmental requirements are indicated by asterisks)

#### THEATRE EMPHASIS:

**FRESHMAN YEAR:**

<table>
<thead>
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<th>Credits</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
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<td>Laboratory Science</td>
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<td>General Psychology*</td>
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<td><strong>Total</strong></td>
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#### SOPHOMORE YEAR:

- Literature Elective: 3
- Dramatic Literature*: 3
- Western Civilization*: 3
- Acting*: 3
- Social Science Elective: 3
- Laboratory Science: 4
- Oral Interpretation: 3
- Electives: 1

**Total Credits:** 16 16

#### JUNIOR YEAR:

- Foreign Language: 4
- Stage Voice*: 3
- World Drama*: 3
- Electives (Upper Division): 6

**Total Credits:** 16 15

#### SENIOR YEAR:

- Directing*: 3
- Theatre History*: 3
- Electives (Upper Division): 6
- Contemporary Drama*: 3
- Theatre Theory & Criticism: 3

**Total Credits:** 15 15

**Total Credits:** 85
SCHOOL OF ARTS & SCIENCES
Department of Theatre Arts

SECONDARY EDUCATION EMPHASIS:

FRESHMAN YEAR:

<table>
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<td>English Composition</td>
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<td>Physical Education*</td>
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<td>Laboratory Science</td>
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<td>Fundamentals of Speech</td>
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<td>General Psychology*</td>
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<td>Introduction to Theatre *</td>
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<td>Electives</td>
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17 17

SOPHOMORE YEAR:

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<td>Dramatic Literature*</td>
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16 16

JUNIOR YEAR:

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<td>Foreign Language</td>
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<td>Stage Voice*</td>
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<td>Shakespeare*</td>
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<td>World Drama*</td>
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16 16

SENIOR YEAR:

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<td>Practice Teaching</td>
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<tr>
<td>Electives</td>
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</tbody>
</table>

15 15

TA THEATRE ARTS

Lower Division

107 Introduction to Theatre — 3 credits
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 techniques. Each semester.

117-118 Technical Theatre — 3 credits
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. Fall. Spring semesters.

162 Stage Make-up — 2 credits
Investigation of and production analysis of stage make-up; 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 performed. Fall semester.

215-216 Acting — 3 credits
Entails study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. One hour lecture, two hours lab per week required. Fall. Spring semesters.

220 Cinema: History and Aesthetics — 3 credits
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. Offered in the fall semesters.

Upper Division

311-312 Advanced Acting — 3 credits
Intensive study in the problems of the actor in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. Prerequisite: TA 215-216 or consent of instructor. Fall, Spring semesters. Alternate years.

331 Major Production Participation — 1 credit
Significant participation in a major college production in the performance or design phase of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours. Each semester.

333 Stage Voice — 3 credits
Techniques and practice in the use of the voice in the theatre with emphasis on diction, projection, and vocal flexibility, as applied in work with actual scenes. Either semester.

341 World Drama 500 BC-1570 — 3 credits
Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate Fall semesters.

342 World Drama 1570-1870 — 3 credits
Same as TA 341. Except that the period covered is from 1570 A.D. through 1870. Alternate Spring semesters.

343 World Drama 1870 to 1960 — 3 credits
Same as TA 341 except that the period covered is from 1870 to 1960. Alternate Spring semesters.

351 Elements of Scenic Design — 3 credits
Major skills of beginning design. Included will be art techniques for theatre, research in major periods of scenic design, examination of major designers' works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118. Fall semester.

352 Costume Design — 3 credits
Major skills of beginning costume design. Included will be art techniques for theatre; research in major periods of costume design; examination of major costume designers; works, and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate Spring semesters.

362 Stage Lighting Design — 3 hours credit
A study of the theories, 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 Spring semesters.

401-402 Directing — 3 credits
Basic theory and techniques of stage directing. Includes the direction of scenes and one-act plays. Special problems in directing are presented. Prerequisite: Upper Division standing. Each semester.

421g-422g Theatre History — 3 credits
Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second
semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.

431 Advanced Scenic Design — 3 credits
Entails solving difficult design problems in the staging of multiple scenes, experimentation with new styles of staging, and designing and executing sets and lights for student productions. It shall include the complete planning of a design for a relatively complex play. Prerequisite: TA 351 and consent of instructor. Spring semester.

441-442 Playwriting — 3 credits
The techniques and limitations of writing for the stage: basic approaches to creative writing for the theatre, techniques and their application, structural necessities, and special problem investigation: writing of a complete play. Alternate Fall, Spring semester.

445 Contemporary Drama — 3 credits
A study of world drama since 1960 with an emphasis on current research materials and techniques. Spring semester.

451 Theatre Theory and Criticism — 3 credits
Aesthetic theory as it pertains to the art of the theatre: script and production analysis based upon theoretical principles, and their practical application. Prerequisite: Senior standing. Alternate fall semesters.

461 Experimental Theatre — 2 credits
Investigation and clarification of the values in new trends and techniques of the theatre art. The purpose is to determine the most effective means of theatrical communication with the contemporary audience. Prerequisite: Junior standing or consent of instructor. Fall semester.

463 Theatre Management — 2 credits
Study and practice of the style and development of public communications for theatre through individual and mass media, the organization and execution of financial, statistical data, and the operation and control of the mechanical process of presenting theatre productions to the public. Prerequisite: Junior standing. Spring semester.

487g-488g Children's Theatre — 3 credits
Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children's theatre production; selection and mounting of a selected script. Fall, Spring semesters.

491 Senior Projects — 3 credits
A culminating work for the theatre major. The student will completely research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formally written, fully documented thesis describing his production and the concept involved. Spring semester.

GO GEOLOGY FOR ELEMENTARY TEACHERS

GO-511 Environmental Geology — 3 credits
Environmental Geology deals with the geologic aspects of man's interaction with his environment. Topics considered include energy sources, conservation of metallic and non-metallic mineral resources, soil and water conservation, the water cycle, earthquakes, volcanism, mass-wasting and other geologic hazards. The resource needs of our expanding population are contrasted with the growing requirement for the protection of our frail environment. Prerequisites: Physical Geology GO-101, Fundamentals of Geology GO-100 or consent of instructor.

GO-521 Advanced Topics in Earth Science — 3 credits
The study, review, and discussion of current literature, classroom and laboratory demonstrations, teaching aids and preparation of field trip itineraries relative to geology, astronomy, meteorology, and oceanography. The course is designed to provide background knowledge, skills, and material resources that can be directly applied to increase the students capability to teach earth science in the elementary and secondary school. Prerequisite: Consent of instructor.

GO-598 Seminar in Art — 3 credits
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 his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing. One semester.

GRADUATE COURSES OFFERED BY SCHOOL OF ARTS & SCIENCES

Graduate Courses

These courses are intended as part of the MA in Elementary Education Programs. They are offered in response to needs indicated specifically by The School of Education.

AR ART

AR-521 Teaching Through Experimental Art Media
— 3 credits (summer school only)

AR-522 Teaching Through Experimental Art Media
— 3 credits (summer school only)

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; however, most work will be done in class. A reading bibliography will be required, as well as a written paper. Six studio hours per week. Prerequisite: Graduate standing.

Selected Topics in the following functional areas will be offered as staff availability permits — 3 credits each

AR-580 Selected Topics — Drawing
AR-581 Selected Topics — Painting
AR-582 Selected Topics — Art History
AR-583 Selected Topics — Advertising Design
AR-584 Selected Topics — Printmaking
AR-585 Selected Topics — Ceramics
AR-586 Selected Topics — Sculpture

AR-598 Seminar in Art — 3 credits
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 his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing. One semester.
GS GENERAL SCIENCE — FOR ELEMENTARY TEACHERS

GS-501 History of Science Since 1500 — 3 credits
History of Science is a survey of man's efforts to understand the natural world. The contributions of ancient cultures to the development of science are presented as an introduction to the evolution of science since the 16th century. A survey of the rise of "modern science" since 1500 A.D. will emphasize the historical development of modern scientific thought. Historical illustrations of the nature of scientific research and the roles of empiricism, technology, government and scientific societies in the evolution of science will be presented. Prerequisite: Consent of instructor.

HY HISTORY

HY-364g United States Social and Cultural History — 3 credits
Selected social and cultural themes from colonial times to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in their historical context. Prerequisite: HY 151, 152 recommended. Either semester, alternate years.

M MATHEMATICS FOR ELEMENTARY TEACHERS

M-503 Algebraic Systems — 3 credits
Number systems and other algebraic systems from a modern point of view. The emphasis will be on the concept of algebraic structures. Prerequisite: M-104. First semester.

M-504 Geometric Concepts — 3 credits
Informal geometry and topology. The emphasis will be on problem solving techniques and pattern recognition. Prerequisite: M-104. Second semester.

MU MUSIC

MU-571 Advanced Practices and Principles in Teaching Music in the Elementary School — 3 credits
The course is designed to extend the professional teacher's knowledge of teaching techniques and curricula of the elementary school classroom music program. Included will be problems in teaching elementary school music, the teaching of reading skills in music, the non-singer in the classroom, creative musical activities to be used in the classroom, new approaches to music education such as the Threshold to Music and Manhattanville Music Curriculum Program, and the survey of pertinent research relevant to the development of musicality in young children. Spring Semester. Prerequisites: Public School Music, MU-371, general or special experience in classroom teaching, or consent of instructor.

MU-572 Listening and Singing Experiences for the Elementary School — 3 credits
This course is designed to present in-depth experiences in musical works and songs which can be used in the elementary classroom. Phonograph recordings, music series books and films will be surveyed and examined for use in the classroom. New media approaches will be introduced for the building of concepts of music perception. Ways of integrating listening works with singing activities through a conceptual approach will be stressed. Also emphasized will be ways of correlating musical activities with the areas of literature, painting, sculpture and architecture. Students will be directly involved in teaching lessons within the class. Prerequisites: Public School Music, M-371, experience in general or special classroom teaching, or consent of instructor. Fall semester.

PS PHYSICAL SCIENCE — FOR ELEMENTARY TEACHERS

PS-501 Basic Physical Science for Elementary Teachers — 3 credits
An introduction to the basic ideas of physical science including matter, motion, energy, electricity, magnetism, heat, light, sound, wave motion, atomic energy, and astronomy. Elementary concepts will be discussed and demonstrated with emphasis on methods that can be used by elementary school students. Students will be expected to make one demonstration to present to the class during the course. Prerequisite: None.

TA THEATRE ARTS

TA-421g Theatre History — 3 credits
Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.

TA-422g Theatre History — 3 credits
Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children's theatre production, selection and mounting of a script. Fall, Spring semesters.

The following courses are intended to support the MBA program, and are offered at the expressed request of the School of Business.

M MATHEMATICS FOR MBA

M-561 Mathematics for Operations Research — 4 credits
An introduction to mathematical techniques commonly used to solve problems which call for a decision based on evaluation of several variables. Matrices, calculus, probability and statistics from the user's point of view. Solution of deterministic problems by linear and non-linear programming and the simplex method with emphasis on applications in management decision situations. Introductory dynamic programming as a method for solution of stochastically controlled systems. Prerequisite: Consent of instructor. Each semester.
PART IV

school of business
SCHOOL OF BUSINESS

Dean: V. Dale Blickenstaff, Ed.D.
Assistant Dean: J. G. Doss, M.S.

Departments and Faculty

**Department of Accounting and Data Processing:**
Dr. Curtis Graham, Chairman
Professor: Blickenstaff
Associate Professors: Graham, Carson, Underkoffer
Assistant Professors: Bell, Bradley, Maxson, Medlin, Paulus, Silvester

**Department of Business Education and Office Administration:**
Dr. Marvin A. Clark, Chairman
Professors: Clark, Cornwell
Associate Professors: Albertson, Johnson
Assistant Professors: Brender, Manship, Williamson
Instructor: Crumpacker
Emeriti: Bushby, Roe

**Department of Economics:**
Dr. Ellis W. Lamborn, Chairman
Professor: Lamborn
Associate Professors: Billings, Hart
Assistant Professors: Asmus, Eastlake, Mitchell, Payne

**Department of General Business:**
Dr. Charles D. Phillips, Chairman
Professors: Miller, Phillips, Scudder, Wilson, Young
Associate Professors: Gill, Godfrey, Keller, Knowlton, Tipton, White
Assistant Professors: Doss, Daflucas, Fitzpatrick, Hamilton, Lane, Lyon, Nicholson, Ott, Waldorf
Emeriti: Edlefsen

Summary of Graduate Faculty by Rank

<table>
<thead>
<tr>
<th>Rank</th>
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</thead>
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<tr>
<td>Professors</td>
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<tr>
<td>Assistant Professors</td>
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</tr>
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</table>

More specific objectives would include:

1. The preparation of graduates for management training entrance into business oriented fields, providing a broad background of liberal and occupational oriented courses.
2. The preparation of graduates for entrance positions in specialized occupations such as sales, accounting, or office management.
3. The education of business oriented workers for positions requiring less than the normal 4-year course of study through specialized curricula.
4. The preparation of non-business students as well as business students for assumption of citizenship responsibilities in their future relationships with the business world.
5. The preparation of graduates for entrance into graduate schools of business or public administration.
6. The preparation of business teachers for positions at the high school level and beyond.

**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 pages 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 of challenge examinations are available for this purpose.

**Two-year Programs** Specialized curricula in Mid-Management, Fashion Merchandising, Secretarial Science, and Medical Secretarial areas are offered in addition to the baccalaureate programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the A.S. degree. Credits earned in such courses may be later applied toward the Bachelor's 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's degree.
A Center for Business and Economic Research has been established within the School of Business to support and further research opportunities for students and faculty. The research takes a variety of forms, to be utilized by both the community at large and specific clients. Faculty, graduate and upper division students are used in part-time capacities as the need arises.

## Bachelor of Business Administration Program

### Accounting Major

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<td>Mathematics (Area III)</td>
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<td>Introduction to Data Processing</td>
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<td>Income and Employment</td>
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<td>Basic Marketing Management</td>
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<td>Principles of Finance</td>
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</table>

(a) Tax Factors in Business Decisions may be taken to satisfy this requirement.
(b) With the permission of the student's advisor, additional accounting courses or arts and science courses may be substituted.

### Information Sciences Major

<table>
<thead>
<tr>
<th>Bachelor of Business Administration Program</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td><strong>FRESHMAN YEAR:</strong></td>
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<tr>
<td>English Composition (Area I)</td>
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<td>Mathematics (Area III)</td>
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<td><strong>SOPHOMORE YEAR:</strong></td>
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<tr>
<td>Principles of Economics (Area II)</td>
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<td>Introduction to Data Processing</td>
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<tr>
<td>Programming Techniques</td>
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<td>Cost Accounting</td>
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<td>Programming Systems — FORTRAN</td>
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<td>Business Statistics (GB-306)</td>
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<td>Principles of Management</td>
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<td>Principles of Finance</td>
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<tr>
<td>Programming Systems — COBOL</td>
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<td><strong>Total</strong></td>
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<td><strong>SENIOR YEAR:</strong></td>
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<tr>
<td>Price Theory</td>
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<td>Business Communications</td>
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<td>Data Processing Applications</td>
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<td>Quantitative Analysis for Business Decisions</td>
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<tr>
<td>Economics Elective</td>
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<td><strong>Total</strong></td>
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</table>

NOTE: The student will find under each major the particular course of study to follow. Where the term "general electives" or Areas I, II, or III appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements. See Page 31 for BBA requirements, and pages 30 and 31 for B.A. or B.S. requirements.
## BUSINESS EDUCATION MAJOR

(Required Business Option)

Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
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<td>English Composition (Area I)</td>
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<td>General Psychology (Area II)</td>
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<td>Business Math/Machines</td>
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<td><strong>16</strong></td>
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</table>

**SOPHOMORE YEAR:**

| Principles of Accounting | 3 | 3 |
| Principles of Economics (Area II) | 3 | 3 |
| Area III Elective | 3 | 3 |
| Beginning and Intermediate Typewriting | 2 | 3 |
| Foundations of Education | 2 | 3 |
| Business Statistics | 3 | 3 |
| Electives (from 2 of 3 areas) | 6 | 3 |
| **Total:** | **17** | **15** |

**JUNIOR YEAR:**

| Intermediate Accounting | 3 | 3 |
| Introduction to Data Processing | 3 | 3 |
| Basic Marketing Management | 3 | 3 |
| Business Communications | 3 | 3 |
| Secondary School Methods | 3 | 3 |
| Business Law | 3 | 3 |
| Money and Banking | 3 | 3 |
| Electives | 3 | 3 |
| **Total:** | **18** | **15** |

**SENIOR YEAR:**

| U.D. Economics | 3 | 3 |
| Principles of Management | 3 | 3 |
| Methods in Business Education | 3 | 3 |
| Business Curriculum and Problems (Area II) | 3 | 3 |
| Speech Communication for Teachers | 3 | 3 |
| Educational Psychology | 3 | 3 |
| Business Student Teaching | 6 | 6 |
| U.D. Business Elective | 3 | 3 |
| **Total:** | **15** | **15** |

---

*May be waived if advanced placement is granted because of prior work, but at least two credits of typing at the intermediate level or above is required.

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## BUSINESS EDUCATION MAJOR (with Distributive Education Emphasis)

Bachelor of Business Administration Program

<table>
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</table>

**SOPHOMORE YEAR:**

| Business Math/Machines | 3 | 3 |
| Principles of Accounting | 3 | 3 |
| Principles of Economics (Area II) | 3 | 3 |
| Retail Buying | 3 | 3 |
| Area III Elective | 3 | 3 |
| Foundations of Education | 3 | 3 |
| **Total:** | **17** | **16** |

**JUNIOR YEAR:**

| Basic Marketing Management | 3 | 3 |
| Introduction to Data Processing | 3 | 3 |
| Principles of Management | 3 | 3 |
| Business Law | 3 | 3 |
| Intermediate Accounting | 3 | 3 |
| Vocational Education (Principles and Organization of) | 3 | 3 |
| Electives | 3 | 3 |
| **Total:** | **18** | **15** |

**SENIOR YEAR:**

| Business Communications | 3 | 3 |
| Methods in Business Education | 3 | 3 |
| Administration and Coordination of Cooperative Programs | 3 | 3 |
| Speech Communication for Teachers (Area II) | 3 | 3 |
| Educational Psychology | 3 | 3 |
| Business Student Teaching | 6 | 6 |
| Methods and Materials in Distributive Education | 3 | 3 |
| Electives | 4 | 4 |
| **Total:** | **15** | **15** |
BUSINESS EDUCATION MAJOR
(Shorthand Option)
Bachelor of Business Administration Program

FRESHMAN YEAR:
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<td>Business Math/Machines</td>
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SOPHOMORE YEAR:
|                      |          |          |
| Principles of Accounting | 3        | 3        |
| Principles of Economics (Area II) | 3        | 3        |
| Beginning and Intermediate Typewriting* | 2        | 2        |
| Beginning and Intermediate Shorthand* | 4        | 4        |
| Foundations of Education    | —        | 4        |
| Area III Elective           |          |          |
|                            | 15       | 16       |

*May be waived if advanced placement is granted because of prior work, but at least two credits of typing at the intermediate level or above is required.

JUNIOR YEAR:
|                      | 3        | —        |
| Basic Marketing Management | —        | —        |
| Business Communications        | 3        | —        |
| Secondary School Methods       | —        | 3        |
| Business Law                   | 3        | —        |
| Introduction to Data Processing | —        | 3        |
| Office Management               | —        | 3        |
| Advanced Shorthand              | 4        | —        |
| Administrative Office Procedures | —        | 3        |
| Electives (from 2 of the 3 areas) | 3        | 3        |
| U.D. Elective                   | —        | 3        |

SENIOR YEAR:
|                      | 3        | —        |
| Methods in Business Education | —        | —        |
| Business Curriculum and Problems | —        | 3        |
| Records Preparation and Management | —        | —        |
| Speech Communication for Teachers | —        | —        |
| (Area II) | —        | 3        |
| Educational Psychology        | —        | 3        |
| Business Student Teaching     | —        | 6        |
| Electives                      | 10       | —        |

16 15

ECONOMICS MAJOR
Bachelor of Arts Program

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SOPHOMORE YEAR:
|                      | 3    | 3      |
| Economics           | 3    | —      |
| Literature          | 3    | —      |
| Area I Elective (Field Three)* | — | 3 |
| Science             |      | 4      |
| Principles of Accounting | 3    | —      |
| Introduction to Data Processing | 3    | —      |
| Electives           | 5    | 7      |
|                      | 17   | 17     |

JUNIOR YEAR:
|                      | 3    | —      |
| Price Theory         | 3    | —      |
| Income and Employment | 3    | —      |
| Principles of Finance | 3    | 3      |
| Business Statistics  | 3    | 3      |
| Economics Electives  | 3    | 3      |
| Electives**          | 3    | 6      |
|                      | 15   | 15     |

SENIOR YEAR:
|                      | 3    | 3      |
| Econometrics         | 3    | 3      |
| Economic Electives   | 3    | 3      |
| Electives**          | 10   | 10     |
|                      | 16   | 16     |

* See page 30 for clarification of fields in B.A. degree.

** Electives should be chosen mainly from upper division courses.

*** Must include hours in at least two of the three definitive areas as defined on page 31 of the catalog.

ECONOMICS MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:
<table>
<thead>
<tr>
<th></th>
<th>FALL</th>
<th>SPRING</th>
</tr>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area II Electives (Other than economics)</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Elective</td>
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<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:
|                      | 3    | —      |
| Economics           | 3    | —      |
| Science             | 3    | —      |
| Non-Business Elective** | 6   | 5      |
| Principles of Accounting | 3    | 3      |
| Introduction to Data Processing | 3    | —      |
| Elective            |      | —      |
|                      | 15-16| 17     |

JUNIOR YEAR:
|                      | 3    | —      |
| Price Theory         | 3    | —      |
| Income and Employment | 3    | —      |
| Business Law         | 3    | —      |
| Business Statistics  | 3    | —      |
| Principles of Finance | 3    | —      |
| Non-Business Elective** | 3   | 3      |
| Economics Electives  | 3    | 3      |
|                      | 15   | 15     |

SENIOR YEAR:
|                      | 3    | 3      |
| Econometrics         | 3    | —      |
| Basic Marketing Management | 3   | —      |
| Principles of Management | 3    | —      |
| Electives            | 5    | 10     |
|                      | 16   | 17     |

* See page 30 for clarification of fields in B.A. degree.

** Electives should be chosen mainly from upper division courses.

*** Must include hours in at least two of the three definitive areas as defined on page 31 of the catalog.
Economics — 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 two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

Credit Hours
1. General College and Basic Core requirements 27-39
2. Two approved teaching minors (15 hours each) from History, Political Science, Anthropology or Sociology 30
3. Economics Courses:
   Required Courses — Econ 201 and 202 30
4. Accounting 101 required 3
5. Education Courses to meet Idaho State Department of Education Certification requirements for Teachers in Secondary Education 20
6. Electives to complete a total of 128 Credit Hours including 40 Upper Division Credit Hours 6-18

GENERAL BUSINESS

Bachelor of Business Administration Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
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<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (Area I)</td>
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<td>3</td>
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<tr>
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<tr>
<td>General Psychology (Area II)</td>
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<tr>
<td>Math (Area III)</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication (Area III)</td>
<td>3</td>
<td>—</td>
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<tr>
<td>Area III Elective</td>
<td>—</td>
<td>4</td>
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<td><strong>Total</strong></td>
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<td>17</td>
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SOPHOMORE YEAR:

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<tr>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Economics (Area II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Business Statistics</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>—</td>
<td>3</td>
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<tr>
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<td>6</td>
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<td><strong>Total</strong></td>
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JUNIOR YEAR:

<table>
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<tr>
<th>Course</th>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Basic Marketing Management</td>
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<td>3</td>
</tr>
<tr>
<td>Business Law</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Price Theory</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Income and Employment</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Communications</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Area of Emphasis</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Elective (Area I, II or III)</td>
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<td>3</td>
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<tr>
<td><strong>Total</strong></td>
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SENIOR YEAR:

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<tr>
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<th>2ND SEM.</th>
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<tbody>
<tr>
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<tr>
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<tr>
<td><strong>Total</strong></td>
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<td>17</td>
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</tbody>
</table>

NOTE 1. A student majoring in the Aviation Management emphasis in General Business may receive 6 semester hours of credit toward the degree if he already has possession of a private or commercial flying certificate in force at the time of application. These six credits would be assigned a grade of "S" and not counted in the computation of grade point average. Further, the student must be of senior standing and a candidate for a degree.

The individual student would file a written petition for the credit with photostatic copies of his private pilot's license, current medical certificate, and current Idaho state pilot's registration certificate.

Approval of the petition would be required of the flight program director, Chairman of the Department of General Business, and Dean of the School of Business.

The credits would be recorded as AV 101 and AV 121-122.

It is emphasized that such credits would apply only to a degree with the Aviation Management emphasis and not toward any other major in the college.
## INDUSTRIAL BUSINESS MAJOR

**Bachelor of Business Administration Program**

### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
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<td>5</td>
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<tr>
<td>English Composition</td>
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<td>5</td>
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<tr>
<td>Algebra, Trig., Calculus</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Introduction to Chemistry</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Fund. of Speech-Communication</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Physics I</td>
<td></td>
<td>3</td>
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### SOPHOMORE YEAR:

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<th>Course</th>
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<tbody>
<tr>
<td>Physics II &amp; III</td>
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<td>4</td>
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<tr>
<td>Calculus &amp; Anal. Geometry</td>
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<td>4</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Data Processing</td>
<td>3</td>
<td>3</td>
</tr>
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<td></td>
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<tr>
<td>General Elective</td>
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</table>

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Production Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Consumer Behavior</td>
<td>3</td>
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</table>

### SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Relations</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Quantitative Methods</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Cost Accounting</td>
<td>9</td>
<td>8</td>
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<tr>
<td>Electives</td>
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</tbody>
</table>

### SUGGESTED ELECTIVES

**Production Option**

- Principles of Transportation
- Wage and Salary Administration
- Intro to Electrical Engineering
- Fluid Mechanics
- Labor Relations
- Price Theory
- Thermodynamics and Heat Transfer

**Sales Option**

- Intermediate Marketing Management
- Advanced Marketing Management
- Promotion Management
- Applied Market Research
- Intro to Electrical Engineering
- Thermodynamics and Heat Transfer
FINANCE MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:
English Composition (Area I) 3 3
Introduction to Business 3 3
General Psychology (Area II) 3 3
Mathematics 4 4
Fundamentals of Speech-Communications 3 3
Area I Electives 3 3
Area I, II, III Electives 3 3

16 16

SOPHOMORE YEAR:
Principles of Economics (Area II) 3 3
Principles of Accounting 3 3
Principles of Finance 3 3
Price Theory 3 3
Business Communications 3 3
Business Law 3 3
Money and Banking 3 3
General Electives (Area I, II or III) 6 4
Business Statistics 3 3

16 16

JUNIOR YEAR:
Basic Marketing Management 3 3
Principles of Management 3 3
Principles of Finance 3 3
Price Theory 3 3
Business Communications 3 3
Business Law 3 3
Money and Banking 3 3
General Electives 3 3
Electives 4 4

16 16

SENIOR YEAR:
Human Relations 3 3
Finance Group II Electives 3 3
Finance Group III Electives 3 3
Additional Finance Elective* 3 3
Electives 7 10

16 16

A finance major must complete 15 hours chosen from the following courses with at least 1 course from each of the 3 groups listed below:

Group I - Corporation Finance
FI-325 Corporate Financial Management
FI-445 Case Problems in Financial Management
AC-320 Tax Factors in Business Decisions

Group II - Institutional Finance
EC-301 Money and Banking
EC-310 Public Finance

Group III - Investments
FI-350 Investment Management
RE-332 Real Estate Finance
RE-320 Insurance
AC-320 Tax Factors in Business Decisions

* These credits must be from Group I.

MARKETING MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:
English Composition (Area I) 3 3
Introduction to Business 3 3
General Psychology (Area II) 3 3
Mathematics (Area III) 4 4
Area I Elective 3 3
Fundamentals of Speech-Communications 3 3
Area III Elective 3 3

16 17

SOPHOMORE YEAR:
Economics (Area II) 3 3
Principles of Accounting 3 3
Business Statistics 3 3
Intro. to Data Processing 3 3
General Electives (Areas I, II, or III) 7 6

16 15

JUNIOR YEAR:
Basic Marketing Management 3 3
Business Law 3 3
Principles of Finance 3 3
Business Communications 3 3
Principles of Management 3 3
Personnel Management 3 3
Labor Relations 3 3
Price Theory 3 3
Income and Employment 3 3

15 15

SENIOR YEAR:
Human Relations 3 3
Behavioral Management 3 3
Production Management 3 3
Quantitative Analysis 3 3
Wage and Salary Administration 3 3
Business Policies 3 3
Government and Business 3 3
Electives 8 5

17 17

MARKETING MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:
English Composition (Area I) 3 3
Introduction to Business 3 3
General Psychology (Area II) 3 3
Mathematics (Area III) 4 4
Area I Requirement 3 3
Area II Requirement 3 3

16 16

SOPHOMORE YEAR:
Principles of Economics (Area III) 3 3
Principles of Accounting 3 3
Business Statistics 3 3
Intro. to Sociology (Area II) 3 3
Fundamentals of Speech-Communications (Area II) 3 3
Intro. to Data Processing 3 3
Area III Science Requirement 4 3
General Elective (Area I, II, III) 3 3

16 15
Alternative Orientations for the Marketing Major

The recommended Marketing Curriculum outlined above is designed primarily for those students who will eventually occupy managerial positions in marketing. This one program will not be suited to the interests of all students. It is for that reason that two alternative orientations are offered.

Marketing Research Orientation

For those students interested in the area of Marketing Research, it is suggested that MK-420 Applied Marketing Research and GB-306 Intermediate Business Statistics be taken as substitutes for two of the required courses listed above as mutually acceptable to the student and his marketing advisor. It is further suggested that students choosing this orientation select a minimum of 9 semester hours of electives from the following: SO-311 Social Research; P-321 Experimental Psychology; P-421G Psychological Measurement; DP-320 Programming Techniques; DP-340 FORTRAN; DP-360 COBOL; DP-405 Data Processing Applications; GB-466 Quantitative Analysis.

Marketing Communication Orientation

For those students interested in the area of Marketing Communications, it is suggested that MM-101 Principles of Selling and CM-221 Communication Process be taken as substitutes for two of the required courses listed above as mutually acceptable to the student and his marketing advisor. It is further suggested that students choosing this orientation select a minimum of 9 semester hours of electives from the following: AR-107-108 Lettering and Layout; AR-251 Introduction to Creative Photography; AR-203-204 Advertising Design; AR-303-304 Advertising Design; CM-171-172 Mass Communication; CM-271-272 Journalistic Communication; CM-307 Interviewing; CM-421 Theories of Communication; CM-478 Public Relations.

* May be waived if advanced placement is granted because of prior work.
## TWO YEAR PROGRAMS

### FASHION MERCHANDISING — MID-MANAGEMENT

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Salesmanship</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Clothing Selection</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Textiles</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Elements of Management</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
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<td>2</td>
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<tr>
<td>Elective</td>
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**Total Credits:** 17

### Sophomore Year

<table>
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<tr>
<th>Freshman Year</th>
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<th>2nd SEM.</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Fashion Analysis and Design</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Professional Speech Communication</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Retail Buying</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Report Writing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Retailing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Visual Merchandising</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Supervision of Personnel</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
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**Total Credits:** 15

### MARKETING — MID-MANAGEMENT

<table>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
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</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>3</td>
<td>—</td>
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<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Merchandise Analysis</td>
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<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elements of Management</td>
<td>3</td>
<td>—</td>
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<tr>
<td>Professional Speech-Communication</td>
<td>2</td>
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<tr>
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**Total Credits:** 16

### Sophomore Year

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<th>2nd SEM.</th>
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<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
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<tr>
<td>Principles of Retailing</td>
<td>—</td>
<td>3</td>
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<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Visual Merchandising</td>
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<td>3</td>
</tr>
<tr>
<td>Report Writing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Supervision of Personnel</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Retail Buying</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Credit and Collections</td>
<td>—</td>
<td>2</td>
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<tr>
<td>Mid-Management Work Experience</td>
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<td>2</td>
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<tr>
<td>Elective</td>
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**Total Credits:** 16

### SECRETARIAL SCIENCE

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<tbody>
<tr>
<td>Beginning Shorthand &amp; Intermediate</td>
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<td>4</td>
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<tr>
<td>Beginning Typing and Intermediate Typing</td>
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</tr>
<tr>
<td>English Composition</td>
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<tr>
<td>Business Math/Machines</td>
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<td>Business English</td>
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<td>Introduction to Business</td>
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<tr>
<td>Principles of Accounting</td>
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<tr>
<td>Elective</td>
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**Total Credits:** 15

### Sophomore Year

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
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</thead>
<tbody>
<tr>
<td>Advanced Shorthand and Transcription</td>
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<td>Advanced Typewriting and Production</td>
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<td>Typewriting</td>
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<td>Records Preparation and Management</td>
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<td>Administrative Office Procedures</td>
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<td>Economics or Psychology</td>
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<td>Secretarial Writing</td>
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<td>Electives</td>
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**Total Credits:** 15

### MEDICAL SECRETARY

The Medical Secretary program developed and offered previously by the School of Business is now administered through the School of Health Sciences. Refer to Section VI for curriculum requirements.

* 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.
Course Offerings

AC ACCOUNTING

Lower Division

101-102 Principles of Accounting — 3 credits
A study of the function of accounting in the business world. A logical development of the subject through the use of the Balance Sheet, the Profit and Loss, and other statements. Subsidiary ledgers, voucher system, payroll accounting, and income tax accounting are included. Each semester.

Upper Division

303-304 Intermediate Accounting — 3 credits
(Previously AC 201-202)
A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability, and corporate proprietorship items, and the measurement of profit and loss. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: AC-102 or the equivalent. Each semester.

320 Tax Factors in Business Decisions — 3 credits
A general introduction for students and businessmen who, while not tax specialists, need an awareness of the impact of federal income taxes on business decisions. This course will explore the areas of federal income, estate and gift tax laws as they affect business operating and financing decisions. Degree credit will not be allowed for both AC 320 and AC 401. Prerequisite: AC-102. Each semester.

351 Cost Accounting — 3 credits
(Previously AC 301)
Theory of cost accounting and cost control, including job order, process, direct and standard costs, budgeting and breakeven analyses. Emphasis on cost determination as a tool of management. Prerequisite: AC-102. Each semester.

352 Managerial Accounting — 3 credits
A study of the development and uses of internal accounting information in management planning, control, and decision processes. Topics include operations and capital budgeting, behavioral implications, computer applications, and analytical methods such as gross profit, breakeven, and incremental cost analysis. Prerequisite: AC-351. Each semester.

360 Governmental Accounting — 2 credits
Accounting theory applicable to institutions, governmental units, and political subdivisions. Emphasis placed on variations in accounting procedure used by government. Prerequisite: AC-102. Fall semester.

401 Individual Income Tax — 3 credits
The theory and application of Federal income taxes to individuals, including an introduction to F.I.C.A. and Unemployment taxes and an introduction to State income taxes. Degree credit will not be allowed for both AC 320 Tax Factors in Business Decisions and AC-401. Prerequisite: AC 102. Fall semester.

402 Corporate Taxation — 3 credits
The theory and application of the Federal income tax to corporations organized for profit, and an introduction to partnership, trust, and estate and gift taxation. Prerequisites: AC-304 and either AC-320 or AC-401. Spring semester.

405 Auditing — 3 credits
The study of auditing techniques and procedures. Includes various auditing problems and the determination of appropriate auditing procedures. Preparation of audit practice cases and audit reports. Prerequisite: AC-304. Each semester.

420 Systems Analysis and Design — 3 credits
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. Course identical to DP-420. Credit may not be earned for both courses, DP 420 and AC 420. Prerequisites: DP-210 and AC-102. Spring semester.

440G Accounting Theory — 3 credits
A specialized course to provide a frame of reference for advanced accounting students in theory of income, in asset valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. Prerequisite: AC-304. Spring semester.

450 Data Processing for the Accountant — 3 credits
A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer will be used as the problem solving tool in the three above mentioned areas. Prerequisites: AC-405 and DP-210. Spring semester.

470 Advanced Accounting — 3 credits
Covers accounting problems and techniques for accounting for business combinations; the determination of consolidated income, consolidated financial position, and the preparation of consolidated financial statements. Also covers accounting problems of home office - branch operations, partnerships, and consignments. Prerequisites: AC-304 and AC-351. Fall semester.

AV AVIATION MANAGEMENT

Lower Division

*101 Aviation Ground School — 3 credits
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. Either semester.

*121 Private Pilot Flight Laboratory — 1 credit
Training to include at least 16 clock hours of flight time. In addition the course will include ground-time to familiarize and train the student in airplane equipment, preflight, take-off and landings, and other requirements as established by the Federal Aviation Agency. Either semester.

*122 Private Pilot Flight Laboratory — 2 credits
Exceeds the minimum flight-hours necessary to satisfy the FAA for completion of the private pilot certificate. Students must have logged a minimum of 45 hours including 15 hours of dual instruction and 15 hours of oral instruction, and satisfactorily completed the flight examination administered by a FAA flight examiner. Prerequisite: AV 121 and successful completion of FAA written examination for Private Pilot Certificate. Either semester.

SCHOOL OF BUSINESS
Courses - AC, AV

*Flight lab fees in addition to other tuition and fees will be charged.
**SCHOOL OF BUSINESS**
Courses - AV, BE, DP, EC

### Upper Division

**331 Airport Management** — 3 credits
Selection and use of ground facilities connected with the aviation industry. Covers construction and communication facilities, cargo and passenger handling procedures and policies, flight-deck and maintenance crew services, operation and maintenance of public facilities. Prerequisite: AC 102. Fall semester.

**351 Airline and Air Cargo Management** — 3 credits
The functions of management in airline operations. Air carrier familiarity, 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. Spring semester.

### BE BUSINESS EDUCATION

#### Upper Division

**401 Methods in Business Education** — 3 credits
Methods and materials of instruction in business subjects. Application of principles of learning and teaching to business education. Must be taken in the semester immediately preceding student teaching. Fall semester.

**409 Methods and Materials in Distributive Education** — 2 credits
Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Fall semester.

**421 Business Curriculum and Problems** — 3 credits
A seminar type class dealing with current problems and issues facing business teachers in the fields of curriculum, research, and class content. Individual research and presentation is emphasized. Spring semester.

**441 Principles and Organization of Vocational Education Programs** — 2 credits

**443 Administration and Coordination of Cooperative Programs** — 3 credits
Selection, guidance, placement, and follow-up of students in training stations. Fall semester.

**471 Business Student Teaching** — 6 credits
Supervised teaching in public schools under the direction of qualified, selected business instructors. Prerequisite: BE 401 and permission of director. Spring semester.

### DP DATA PROCESSING

#### Lower Division

**210 Introduction to Data Processing** — 3 credits
(Previously DP 311)
A general interest course to acquaint business students with the fundamentals and principles upon which data processing is based. The logic and reasoning of programming as utilized in data processing is also explored. Recommended to take M 105 and AC 101 prior to this course. Each semester.

#### Upper Division

**320 Programming Techniques** — 3 credits
A survey of programming systems used in computer processing and an introduction to the latest computer systems. Coverage of general concepts, logic and techniques of computer programming including flow charting, input, processing and output. Prerequisite: DP-210 or equivalent. Each semester.

**340 Programming Systems — FORTRAN** — 3 credits
A specific course based on the FORTRAN IV programming language that will give the student the capability of writing highly sophisticated programs pertaining to quantitative business data processing problems. Prerequisites: DP-320 and M-106. Fall semester.

**360 Programming Systems — COBOL** — 3 credits
A specific course based on the COBOL programming language that will give the student the capability to write highly sophisticated programs pertaining to business data processing problems. Prerequisite: DP-320 or equivalent. Spring semester.

**405 Data Processing Applications** — 3 credits
An in-depth study of current business computer applications, information retrieval, the function of data processing in the business organization, feasibility study concepts, and data base considerations. Prerequisite: DP-360. Fall semester.

**420 Systems Analysis and Design** — 3 credits
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. Course identical to AC-420. Credit may not be earned for both courses, AC-420 and DP-420. Prerequisites: DP-210 and AC-102. Spring semester.

### EC ECONOMICS

#### Lower Division

**201 Principles of Economics - Macroeconomics** — 3 credits
Introduction to basic macroeconomic analysis with emphasis on current economic issues. Development of the theory of income determination, fiscal and monetary policy, and business fluctuations are considered. Each semester.

**202 Principles of Economics - Microeconomics** — 3 credits
Microeconomic analysis; basic assumptions, vocabulary, and structure of the economy; business organization and operation, factors of production, specialization; nature of supply and demand, the price system; distribution of income — wages, interest, rent, and profits. Each semester.

**210 Contemporary Economic Problems** — 3 credits
The study of the economic system from the viewpoint of the consumer. A survey of the field of economics in one semester designed especially, but not exclusively, for the non-business student. Fall semester.

#### Upper Division

**301 Money and Banking** — 3 credits
The role of money, credit, and banking in the U.S. economy. It emphasizes monetary theory as an analytical and policy tool for the exploration and solution of national economic problems. Prerequisite: EC-201. Each semester.

**303 Price Theory** — 3 credits

**305 Income and Employment** — 3 credits

**310 Public Finance** — 3 credits
311 History of Economic Thought — 3 credits
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. Fall semester.

315 Comparative Economic Systems — 3 credits
A study of the economic efficiency of political systems and a comparison with the goals and efficiency of the free enterprise capitalistic system. Prerequisite: EC 201-202. Spring semester.

321 Regional Economics — 3 credits
Application of economic analysis to regional problems of structure, growth and development. Location theory, various growth models, and specific techniques of analysis such as input-output tables will be developed. Prerequisite: EC 305. Fall semester.

322 Urban Economics — 3 credits
Exploration of the problems of urban areas using the techniques of urban analysis. The course will focus on the structure of the urban areas, locational patterns, housing, pollution, poverty, financial, and transportation problems. Prerequisite: EC 321. Spring semester.

405 Business Cycles and Forecasting — 3 credits
Business cycles, their history, nature and causes. Forecasting and control of the business cycle. Instability in aggregate economic activity, and the rate of growth of the economy. Prerequisite: EC 305. Fall semester.

421 G-422G Econometrics — 3 credits
Study and application of the principle mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor. Each semester.

FI FINANCE

107 Personal Finance — 3 credits
Aid in meeting the growing complexity of finance as the consumer encounters it: How to avoid financial entanglements, installment buying, borrowing money, owning or renting a home, investing and speculating in securities, everyday legal problems dealing with illness, death, personal taxes, family budgets, check writing, and financial planning. Either semester.

109 Stocks and Bonds — 2 credits
Elementary security analysis: sources of investment information; objectives of an investment program; history of the New York Stock Exchange; characteristics of various types of bonds and stocks, economic, industrial, and company factors influencing an investment program; brokerage office and floor procedures, economic factors relating to the 1960's role of venture capital in our economic system; procedures used in incorporating and underwriting; study of balance sheets and income statements. Either semester.

Upper Division

303 Principles of Finance — 3 credits
(Previously FI 301 - Corporate Finance)
A basic survey course of fundamental concepts and techniques of the three major areas of finance — Corporate, Institutional and Investments and their interrelationships. Prerequisite: AC-102. Each semester.

325 Corporate Financial Management — 3 credits
(Previously FI 425)
A study of American corporations, their methods of capitalization, control, consolidation, and growth. An analysis of the decision making process with regard to capital budgeting, cost of capital, leasing vs. ownership, dividend policy, liquidity vs. profitability, and the tax consequences of these decisions. Diversified readings, case work, and a financial management computer game are utilized. Prerequisite: FI-303. Each semester.

350 Investment Management — 3 credits
An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophies of portfolio management from the standpoint of banks, insurance companies, pension funds, and other financial institutions. Prerequisite: AC-102. Recommended. Fall semester.

445 Case Problems in Financial Management — 3 credits
(Previously FI 345)
Analysis of selected case problems in financial management of the firm, including short- and long-term financial requirements, trade credit and analysis, special media of finance, capital budgeting and profit analysis. Prerequisites: FI-303 and FI-325. Spring semester.

GB GENERAL BUSINESS

Lower Division

101 Introduction to Business — 3 credits
A survey course designed to acquaint the student with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Either semester.

207 Business Statistics — 3 credits
(Previously GB 305)
Collecting and tabulating data; statistical tables and charts; ratios, percentages and relatives; averages; measures of dispersion; probabilities; probability distribution; sampling theory and analysis of business change. Prerequisite: Math 106 or equivalent. Each semester.

Upper Division

301-302 Business Law — 3 credits

306 Business Statistics — 3 credits
The areas to be covered include concentration in hypothesis testing, time series analysis, index numbers, forecasting, regression and correlation analysis and analysis of variance. The major emphasis in this course is on the business applications of these statistical tools, rather than the mathematical computations and/or derivations and proofs. Prerequisite: GB-207. Spring semester.

325 Principles of Transportation — 3 credits
Economics of transportation services and rates. History and pattern of regulations. Explanations of various forms in common use in freight and passenger transportation and an introduction to governmental controls and service and management problems of industrial traffic managers. Spring semester.

340 Labor Relations — 3 credits
A comprehensive study of the negotiation and administration of today's labor-management issues. Presents the historical, structural, and legal environment and examines the contents of labor contracts. Emphasis is placed on the basic phases of labor relations and how they affect American business. Fall semester.
441G Government and Business — 3 credits
A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included. Spring semester.

455 Business Policies — 3 credits
The utilization of complex situational cases, role playing, in-depth research, and a business simulation exercise to achieve integration of specialized functional knowledge. Fall semester.

466 Quantitative Analysis for Business Decisions — 3 credits
Quantitative techniques including "normal distribution" and other related probability distributions as applied to sampling theory and quality control. Also includes discussions of payoff tables, expected values, bidding models, queuing theory and linear programming. Examination of PERT and CPM as well as simulation, regression analysis and inventory models. Prerequisite: GB 207, GB 306. Spring semester.

MG MANAGEMENT

Upper Division

301 Principles of Management — 3 credits
Basic functions and principles of management with emphasis on relationships between workers and management; the planning, organizing, and controlling of personnel, decision making procedures and techniques. Either semester.

305 Personnel Management — 3 credits
The managerial problems of integrating individuals and groups into an effective organizational framework. Emphasis is on interpersonal relations, leadership styles, employee motivation techniques and staff functions. Business, government and institutional approaches to the personnel function are examined and compared. Either semester.

306 Wage and Salary Administration — 3 credits
Involves the installation and administration of a comprehensive Wage and Salary Program, including objectives, policies, organization, control, and job evaluation. Emphasis will also be placed on the techniques of winning and maintaining acceptance of the total Wage and Salary Program. Prerequisite: MG-301.

307 Production Management — 3 credits
Decision making in Production Planning, types of decisions and variables involved, possibilities for quantification of variables, criteria for decisions, methods of analysis, and application. The application of modern analysis in the solution of practical production problems. Prerequisite: MG-301.

401 Human Relations — 3 credits

405 Behavioral Management — 3 credits

MK MARKETING

Upper Division

301 Basic Marketing Management — 3 credits
(Formerly Principles of Marketing)
Description and analysis of the marketing processes. Methods, policies, and problems involved in the distribution process with an evaluation of marketing institutions and middle men according to the functions they perform. A survey of industrial and consumer markets and their relationship to both production and distribution. Fall and/or Spring semester.

306 Promotion Management — 3 credits
(Formerly Prin. of Adv.)
Presentation of the principles of advertising, sales promotion, public relations, and publicity strategies. Emphasis is placed on advertising management. Students should expect to work with business and/or advertising managers in completing class projects. Prerequisite: MK 301. Fall semester.

307 Consumer Behavior — 3 credits
Analysis of purchase and consumption behavior of the consumer. Relates marketing activities of the firm to social science research concerning the purchase, use, and meaning of goods and services. Prerequisite: MK 301. Either semester.

405 Intermediate Marketing Management — 3 credits
(Formerly Marketing Management)
Management techniques in the solution of problems of systems of distribution, administration of marketing channels, advertising in the firm's total marketing effort, administration of customer service policies, design of a physical distribution system, and composition of a marketing mix. Prerequisite: MK 301. Fall semester.

415G Marketing Research — 3 credits
Consideration of the theory and use of research for particular marketing problems: methodology of planning and conducting research studies in various marketing situations. Prerequisite: MK 301. Spring semester.

420 Applied Marketing Research — 3 credits
Designed to give the student actual experience in formal research. Representatives from the business community and governmental agencies will work closely with students in developing marketing problem situations. Prerequisite: MK 415G. Either semester.

421 Sales Administration — 3 credits
Management and administration of a sales organization, including recruiting, hiring, training, and supervising; establishment of territories; use of analytical tools as means of improving the effectiveness of salesmen. Prerequisite: MK 301. Spring semester.

425 Advanced Marketing Management — 3 credits
(Formerly Marketing Strategy)
The case study approach as applied to marketing problems. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisites: MI-301 and MK-405. Spring semester.

MM MARKETING, MID-MANAGEMENT

Lower Division

100 Mid-Management Work Experience — 2 credits
Open to students enrolled in the Mid-Management program only. The student may earn 2 semester hours' credit for a maximum of four semesters or a total of 8 semester hours' credit. This provides actual experience in the retail, wholesale, or service business field as a paid employee. The student, the employer, and the program coordinator develop an individual program for each student. The student is evaluated by both the employer and the program coordinator. Each semester.
101 Salesmanship — 3 credits
(Formerly MM 101 — Retail Selling)
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. Either semester.

102 Merchandise Analysis — 3 credits
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 non-textiles are surveyed. Spring semester.

105 Elements of Management — 3 credits
A study of the functions of business management: planning, organizing, staffing, directing and controlling. Special consideration is given to the concept of organizational authority and responsibility. Either semester.

201 Introduction to Marketing — 3 credits
The study of activities by which goods and services flow from the producer to the ultimate consumer. This study includes methods, policies, and evaluation of the various marketing institutions according to the function performed. Fall semester.

202 Principles of Retailing — 3 credits
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. Spring semester.

203 Visual Merchandising — 3 credits
Objectives and policies of sales promotion; study of the media involved. Regulations of advertising. Coordination of other factors of sales promotion such as display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display. Guest lecturers from the local Retail Assn. will be used. Fall semester.

206 Supervision of Personnel — 3 credits
Economics of supervision, social and philosophical implications, training functions of the supervisor. Individual and organizational needs in regard to human relations are major points of study. Spring semester.

209 Report Writing — 3 credits
Prepares the student to write reports for business situations. Emphasis is placed on the actual preparation of reports, research methods, and the readability of the finished product. Fall semester.

213 Credit and Collections — 2 credits
A survey of the credit field including history, types, credit information, and the function of the credit department. Collection methods and procedures are given significant treatment. Spring semester.

215 Retail Buying — 3 credits
Considers the buyer's duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand. Fall semester.

201 Fundamentals of Real Estate — 3 credits
Essentials of real estate practice: listings, sales, financing, land descriptions, real estate investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. Either semester.

Upper Division

320 Principles of Insurance — 3 credits
(Previously CB 320)
A balanced presentation of the principles of insurance and policy analysis together with a discussion of the 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. Spring semester.

331 Appraisal of Real Estate — 3 credits
(Previously GB 331)
The nature, purpose, and functions of appraising, appraising as a profession, the nature of real property and value, the appraisal process and economic trends. The techniques involved in determining the value of real estate. Prerequisite: RE 201. Either semester.

332 Real Estate Finance — 3 credits
(Previously GB 332)
An examination of the intricacies of the real estate mortgage markets, the source of mortgage funds, instruments of mortgage debt, the federal government and mortgage markets, the lending decision, management of portfolio risk, and financing of specific types of real property. Prerequisite: RE 201. Either semester.

OA OFFICE ADMINISTRATION

Lower Division

101 Beginning Shorthand — 4 credits
A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Credit will not be given to students who have completed one or more years of shorthand in high school. Recommended credit or current enrollment in OA-118. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Fall semester.

105 Beginning Typing — 2 credits
Theory and keyboard operations on the typewriter; for personal or business use. Credit will not be given to students who have completed one or more years of typing in high school. Fall semester.

107 Intermediate Typing — 2 credits
Review of typing fundamentals for the development of speed and accuracy. Credit will not be given to students who have completed two years of high school typing. Either semester.

115 Business Mathematics/Machines — 3 credits
Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, and graphs are considered, as well as some interpretation of financial papers. The student receives instruction on the ten-key printing calculator, the rotary calculator, and the electronic calculator. Either semester.

118 Business English — 3 credits
Emphasis on building a foundation in grammar, punctuation, vocabulary, and spelling through continued practical application. Effectiveness and correctness of expression will be demonstrated in written assignments which will include summaries of articles and business letters. Prerequisite: Passing score on English Placement Test. Either semester.

121 Intermediate Shorthand — 4 credits
Review of shorthand theory with much work in dictation and transcription to improve speed and accuracy. Credit will not be given to students who have completed two years of high school shorthand. Prerequisite: OA-101 or advanced placement from high school work. Either semester.

RE REAL ESTATE

Lower Division

201 Fundamentals of Real Estate — 3 credits
Essentials of real estate practice; listings, sales, financing, land descriptions, real estate investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. Either semester.
SCHOOL OF BUSINESS  
Courses - OA, MBA

201 Advanced Shorthand — 4 credits  
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 from high school work. Either semester.

209 Advanced Typing — 2 credits  
Continued study of typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA-107 or advanced placement from high school work. Either semester.

211 Production Typing — 2 credits  
Advanced work in the use of business forms, letters, legal documents, and tabulation on the typewriter. Prerequisite: OA-209. Spring semester.

221 Secretarial Transcription — 4 credits  
Advanced instruction in office transcription. Opportunities for special transcription practice of a medical or legal nature will be provided. Prerequisite: OA-201. Spring semester.

240 Secretarial Writing — 2 credits  
An intensive course for secretarial students in letter writing, preparation of summaries and publicity releases. Punctuation and correct usage will be reviewed as needed. Prerequisite: OA-118. Spring semester.

Upper Division

309 Records Preparation and Management — 3 credits  
Creation, processing, maintenance, protection and destruction of business records. These topics will be covered both 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. Fall semester.

310 Administrative Office Procedures — 3 credits  
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. Spring semester.

315 Medical Office Procedures — 3 credits  
A study of medical receptionist duties, special records, and filing systems, legal aspects of medical work, management of the medical office, and responsibilities of the medical assistant. Credit will not be given to students who have completed OA 310. Office Administrative Procedures. Spring semester.

317 Office Management — 3 credits  
A study of organization and management of an office, including personnel problems, records, ratings, the allocations of functions and responsibilities, and office supervision. Spring semester.

328 Business Communication — 3 credits  
Effective communication of written and oral ideas is stressed. Special emphasis is placed on psychology of letter writing as a management tool and on report writing and methods of interpreting reports. The course includes an introduction to office dictation. Either semester.

MASTER OF BUSINESS ADMINISTRATION

Objectives

The purpose of the Boise State College Program leading to the MBA Degree is to prepare the candidate for a career in business management. The curriculum is keyed to the needs of an individual who has just assumed or is preparing to assume additional broad managerial responsibilities and, since these students are pursuing graduate education concurrently with their employment, most of them will enter the program because either their present or future positions will require increased managerial competence.

The MBA curriculum at Boise State College emphasizes the development of managerial generalists, rather than specialists in any one field of business administration. To accomplish this result, the program has been fashioned with a maximum of flexibility to meet the needs of commerce and industry and the student. The student's program is analyzed, evaluated, determined and directed by an MBA advisor. It is intended that the student and his MBA advisor mutually develop a custom-designed curriculum to fit the student's background of course work and experience. In all cases, however, the MBA advisor retains approval/disapproval authority regarding specific courses.

General Prerequisites for Applicants

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet, and give promise of continuing to meet, the standards set by the School of Business of Boise State College. Common to all programs is a foundation of prerequisite courses in basic fields of business administration. Students presenting a bachelor's degree in business normally will have completed most or all of these requirements as part of their undergraduate program. Since, however, the Master of Business Administration program is also designed to serve the student who has completed his bachelor's degree in non-business fields such as the sciences, engineering, the liberal arts, the student must demonstrate proficiency in the prerequisite courses listed below. These prerequisites may be fulfilled by satisfactory completion of course work in these areas, or by successfully passing the appropriate CLEP examination.
Specific Prerequisites for Applicants

All applicants must meet the following undergraduate requirements or fulfill these requirements before entering upon the graduate program:

(a) Possession of bachelor's degree from an accredited institution
(b) GPA of 2.5 or above, or 2.75 for Junior Senior GPA
(c) A score of 450 or better on Admissions Test for Graduate Study in Business (ATGSB)
(d) Prerequisite courses or their equivalent:
   1. Accounting (equivalent to one year)
   2. Economics (equivalent to one year)
   3. Business Statistics
   4. Marketing
   5. Management
   6. Finance
   7. Data Processing
   8. College Level Mathematics (equivalent to one year)

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 College in order to achieve the MBA degree.

The Graduate Degree Program

The Master of Business Administration Graduate Program consists of a minimum of thirty (30) semester hours of credit selected from the offerings hereinafter listed and determined as follows:

Required Core Courses .......................... 12 credits
Electives (Chosen in consultation with the student's MBA advisor) .... 18 credits

A maximum of nine (9) graduate credits may be accepted from other graduate schools upon request and a determination of acceptability by a committee of the Graduate Faculty. Students desiring transfer credits must apply on the Program Development form with appropriate supporting documents, transcripts, to the Dean, School of Business.

Candidates may elect a maximum of six (6) credit hours from the "400" level courses in the Undergraduate School of Business Program, as approved by the student's MBA advisor. (Only those courses designated G on the following page are approved.) These may be used to complete the thirty credit hour requirement for graduation.

Required Core Courses (12 credits)

MB-510 Business and its Environment — 3 credits
This course involves examination of the interaction between business and the economic, social, political and legal order. By utilizing analysis of particular situations, it focuses attention on the broad effects of this total environment upon the administration of business. Emphasis is placed on students testing their own values as they relate the appropriate responsibilities of business to its various publics.

MB-511 Business Research and Communication Techniques — 3 credits
Analysis of the scientific method of inquiry and specific research techniques. Evaluation of reports in terms of reliability and validity of conclusions. Development of a critical sense and analytical ability for effective expression in reports, articles and other forms of operational communications. Opportunities for oral presentations of business information to groups and to lead and participate in such group interpersonal communication situations as conferences, meetings and discussions.

MB-512 Quantitative Methods for Business Decisions — 3 credits
Quantitative techniques intended to familiarize the student with business applications of statistical methods as applied to decision making under uncertainty and risk. Includes production models, inventory control models, management models, marketing surveys and capital budgeting models. Regression analysis, analysis of variance and sampling techniques. Prerequisite: M 561 (Math For Operations Research) or pass appropriate examination demonstrating sufficient background knowledge for this course of study.

MB-513 Business Policy Formulation — 3 credits
This course utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies.

Elective Courses (18 credits)
To Be Selected by the Candidate and His Advisor

MB-520 Marketing Problems — 3 credits
Analytical approach to marketing problem solving and decision making, covering market definition, personal selling, advertising and sales promotion, channels of distribution, strategy formulation, product development procedures, and customer services. Case study approach is utilized.

MB-530 Financial Management — 3 credits
Analysis of financial problems and formulation of financial policies through case studies. Covers financing of current operations and long-term capital needs, income management and expansion policies.

MB-532 Accounting — Planning and Control — 3 credits
A study of the planning and control processes within an enterprise 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 improved techniques of cost planning and control.

MB-540 Organization Theory — 3 credits
Problems of organization dynamics and behavioral science research findings and their application to business organizations.

MB-541 Personnel Policy — 3 credits
Human resource administration is examined and critically analyzed as it applies to business, government and institutional organizations. Analysis of factors underlying managerial policy decisions relating to selection, development, and motivation of human resources and of the personnel programs designed to implement these decisions. Current trends in the personnel field are examined.
MB-542 Computer Applications for Management  
— 3 credits  
A review and analysis of computer oriented applications used in reaching management decisions. Includes realistic applications presently used in the business environment of such techniques as linear programming, regression analysis, matrix analysis and other techniques vital to today's management.

MB-550 Managerial Economics — 3 credits  
Application of economic concepts and analysis to the problem of formulating rational managerial decisions. Emphasis on measurement and forecasting of demand and costs, capital budgeting, profit objectives, market structure and pricing policies.

Selected Topics in the following functional areas will be offered as staff availability permits. (3 credits each)

MB-580 Selected Topics — Accounting  
MB-581 Selected Topics — Information Systems  
MB-582 Selected Topics — Economics  
MB-583 Selected Topics — Finance  
MB-584 Selected Topics — Industrial Psychology  
MB-585 Selected Topics — Management  
MB-586 Selected Topics — Marketing  
MB-596 Independent Study — variable credits  
Involves special projects undertaken by the MBA student, consisting of individual work suited to the needs and interests of the student. The course embodies research, discussions of the subject matter and procedures with a designated professor, and a documented paper covering the subject.

MB-599 Workshop/Conference — 1 credit  
Workshop/Conferences will be offered each semester. Various topics from all of the functional areas of business will be covered. The area selected will be based upon student interest and staff availability. Students may apply 3 of these toward MBA graduation credit.

AC 440 G Accounting Theory — 3 credits  
A specialized course to provide a frame of reference for advanced accounting students in theory of income, in assessed valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. Prerequisite: AC-202.

EC 421 G-EC 422 G Econometrics — 3 credits  
Study and application of the principal mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor.

GB 441 G Government and Business — 3 credits  
A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included.

MK 415 G Marketing Research — 3 credits  
Consideration of the theory and use of research for particular marketing problems; methodology of planning and conducting research studies in various marketing situations. Prerequisite: MK-301.
PART V

school of education
SCHOOL OF EDUCATION

Dean: Gerald R. Wallace, Ed.D.
Assistant Dean: Clyde Martin, Ed.D.

Departments and Faculty

Center for Counseling, Guidance and Testing:
Dr. D. Torbet, Director
Professor: D. Torbet
Assistant Professor: M. Callao, A. DeLaurier, J. Dodson

Department of Health, Physical Education and Recreation:
Dr. G. Cooper, Chairman
Professors: G. Cooper, L. Smith
Associate Professor: B. Bowman
Assistant Professors: P. Bowman, J. Boyles, D. Connor, G. Gochnour, R. Lewis
Instructors: P. Holman, W. Jones, C. Thorngren, S. Wallace, M. Young
Emeritus: H. Westfall

Coaching Staff:

Director of Athletics:
L. Smith
Assistant Director of Athletics:
R. Stevenson

Department of Psychology:
Dr. J. Phillips, Chairman
Professors: J. Phillips, W. Sickles, D. Smith, D. Torbet
Associate Professors: W. Barsness, D. Heacock, G. Ison, E. Wilkinson
Assistant Professors: M. Snow, S. Thurber, H. Steger
Emeritus: W. Brownson

Department of Teacher Education & Library Science:
Dr. C. Martin, Chairman
Professors: J. Barnes, R. Bullington, A. Chatburn, A. McDonald, G. Wallace, V. Young
Associate Professors: J. Beitia, P. Bieter, J. Dahlberg, M. Fairchild, C. Frederick, J. Jensen, W. Kirtland, R. Marks, C. Martin, G. Reed, J. Wolfe
Assistant Professors: C. Burtch, T. Comba, J. Davis, R. Friedli, K. Hill, G. Hunt, J. Tucker
Instructor: C. Garcia
Emeritus: K. Hill

Instructional Materials Center:
J. Hartvigsen, Director and Assistant Professor
K. W. Christensen, J. Dickinson, W. Stokes

Curriculum Resource Center:
A. Olson, Librarian

Reading Education Center:
W. Kirtland, Director and Associate Professor
C. Frederick, R. Marks

Educational Television:
J. Schlaefle, Director and Assistant Professor

Summary of Graduate Faculty by Rank
Professors ........................................ 12
Associate Professors ............................ 16
Assistant Professors ............................ 18

The School of Education offers majors in Elementary Education; Physical Education for Men, Secondary Education; Physical Education for Women, Secondary Education Option; and Psychology, Liberal Arts Option. It offers course work of both professional and academic nature to students in these and in other major curricula throughout the College. The academic course work is designed to develop ability in and appreciation of scientific thinking about behavior. Professional training is directed primarily toward the mastery of skills that are needed by teachers in the elementary and secondary schools.
TEACHER EDUCATION

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education in the total preparation of elementary and secondary school teachers and librarians. The following paragraphs explicate that function, and every prospective teacher should read them carefully.

The Department of Teacher Education is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of Boise State College and the certification requirements of the Idaho State Board of Education. The Department of Teacher Education has an institution-wide commitment to the preparation of teachers, a commitment that is implemented in close cooperation with the subject-matter departments.

As a foundation for high-quality professional work, prospective teachers are provided with a well-rounded general education in the humanities and in the social and natural sciences. Each student also receives special preparation for the particular kind of education work he plans to do.

Admission to School of Education

A. Students preparing to teach must apply for admission to the School of Education during the sophomore year. This application will be secured and processed as a part of the TE-201, Foundations of Education course (required for certification).

Transfers who have completed an equivalent course in Foundations at another institution will secure the application for admission from the Assistant Dean's office. The form is entitled, "Admission to the School of Education."

B. General requirements for admission to the School of Education for elementary or secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements shall include:

1. Filing of the "Admission to the School of Education" application.
2. A minimum grade of "C" in TE-201 or its equivalent.
3. A satisfactory test score in a prepared "English Qualification Examination." This examination will be prepared and administered by the Department of Teacher Education. The test will be part of the course work of TE-201, Foundations of Education, given in the sophomore year. Students who fail this examination will be advised as to procedures for improving writing skills. Students may re-apply for future examinations and must pass the qualifying examination. Transfer students who have already taken the Foundations course at another institution will take the qualifying examination and will be subject to the above regulations.
4. "Pass" by the Foundations of Education instructor in oral communication.
5. Satisfactory completion of an observation and teacher assistant experience in a public or non-public elementary or secondary school. The experience is a part of the course work in TE 201, Foundations of Education, given in the sophomore year. Transfer students who have completed Foundations of Education will be required to have this experience. The intent of the requirement is to provide an opportunity for potential teachers to verify a desire to work with students in a school situation. Variations in the type of experience acceptable to the School of Education are to be approved by the chairman of the Department of Teacher Education.

Admission to Student Teaching and General Policies

A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education by March 1 of the junior year. Application forms may be secured from the Office of the Assistant Dean of the School of Education.

B. General requirements for admission to student teaching for elementary or secondary candidates include:

1. Elementary Major
   a. Admission to the School of Education
   b. Recommendation by the faculty advisor or department chairman.
   c. A cumulative grade point average of 2.25.
   d. Elementary Curriculum and Methods, TE-351 and TE-352 are to be taken concurrently with student teaching.
   e. Student teachers are assigned to a school for 1/2 day during two semesters.
   NOTE: Deviations from the above policies must be approved by the chairman of the Department of Teacher Education and Library Science. In reference to "e", all student teachers must be taking TE-351 (Language Arts emphasis) concurrently with student teaching or prior to student teaching.
2. Secondary Option

a. Admission to the School of Education
b. Recommendation by the faculty advisor or the department chairman
c. A minimum grade point average of 2.25 in the major field, minor field if applicable, and the education courses completed.
d. A minimum cumulative grade point average of 2.1.
e. Satisfactory completion (minimum grade of "C") of the class Secondary School Methods, and/or the appropriate class or classes in special methods for the teaching area. NOTE: A listing of Secondary Methods and special methods classes is given according to the Concentrated Course Blocks under Secondary Student Teaching. Students are encouraged to complete both Secondary and special methods prior to student teaching.
f. Senior standing

g. Sufficient credit hours in the assigned teaching area.

NOTE: Secondary certification requires a composite of 45 semester credit hours in a major teaching field or 30 semester credit hours in the major teaching field and 20 semester credit hours in a minor teaching field. Hence, student teachers should be within approximately six hours of the above certification requirements.

C. Student teachers are expected to do responsible teaching, participate in co-curricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their college supervisors.

D. Students who transfer to Boise State College must meet admission requirements for School of Education and student teaching and complete at least 6-9 semester hours at the institution before being placed in student teaching.

ELEMENARY EDUCATION

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 consisting of general and professional education courses.

Requirements for the Bachelor of Arts in Elementary Education:

1. General College graduation requirements to include:
   - Mathematics for Elementary Teachers ........................................... 6
   - English Composition 101 and 102 .................................................. 6
   - Laboratory Science to include both Biological and Physical Science or Earth Sciences ....................................................... 12
   - History of Western Civilization ................................................... 6
   - U. S. History .................................................................................... 6
   - Federal Government ........................................................................ 3
   - General Psychology ........................................................................ 3
   - Child Psychology ............................................................................ 3
   - Geography ....................................................................................... 3
   - Social Science chosen from: Economics, Sociology or Anthropology ................................................................. 3
   - Humanities or Introduction to Art, or Music or Drama ....................... 6

Music Fundamentals ................................................................. 2
Literature ....................................................................................... 6

2. Professional education requirements:
   - Elementary School Physical Education Methods ......................... 2
   - Public School Music ......................................................................... 2
   - Elementary School Art Methods .................................................... 3
   - Children's Literature ...................................................................... 3
   - Audio Visual Aids ........................................................................... 2
   - Educational Psychology ................................................................. 3
   - Elementary Curriculum and Methods I and II .............................. 10
   - Elementary Student Teaching ......................................................... 10
   - Foundations of Education ............................................................... 3
   - Speech for Teachers ......................................................................... 3

3. Departure from this program must be approved by the Chairman of the Department of Teacher Education.

Suggested Bachelor of Arts Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (Biological or Physical Science)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>History of Western Civilization</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>—</td>
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<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Electives</td>
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<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
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<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Humanities or (two of the following: Introduction to Music, Introduction to Art, Introduction to Drama)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Second Laboratory Science</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Fundamentals of Math for Elementary Teachers</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Survey of American Literature</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>U. S. History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Geography</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
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<table>
<thead>
<tr>
<th>JUNIOR YEAR:</th>
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<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Literature</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Child Psychology</td>
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<td>—</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Elementary School Physical Education</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Speech for Teachers</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Social Science Elective (Economics, Sociology or Anthropology)</td>
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<td>3</td>
</tr>
<tr>
<td>Music Fundamentals</td>
<td>2</td>
<td>—</td>
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<tr>
<td>Public School Music</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Children's Literature</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives (Upper Division)</td>
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<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
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</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio Visual Aids</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Elementary School Art Methods</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Curriculum and Methods</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Elementary School Student Teaching</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Electives (Upper Division)</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>
Students from Boise State College 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.

SECONDARY EDUCATION

The Department of Teacher Education serves as consultant in the establishment of “secondary education options” within each of several subject-matter areas. (See the Secondary Certification Options in the School of Business; the School of Arts and Sciences; and the Physical Education Department in the School of Education.) The Department of Teacher Education does not offer degrees “in secondary education.”

Students preparing to teach in junior or senior high school should major in the subject-matter fields in which they plan to teach. Each student must complete the required professional education courses and the necessary subject matter major under the direction of an advisor in his major department.

Certification Requirements for Secondary Education

Students from Boise State College will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of a 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 candidates 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.

SCHOOL OF EDUCATION

Department of Teacher Education and Library Science

Idaho requires a total of twenty 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 requirements are translated into the following required Boise State College courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE-201</td>
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</tr>
<tr>
<td>P-312</td>
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</tr>
<tr>
<td>P-325</td>
<td>3</td>
</tr>
<tr>
<td>TE-358</td>
<td>3</td>
</tr>
<tr>
<td>TE-371</td>
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<tr>
<td>AR-351</td>
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<tr>
<td>BE-401</td>
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<td>BE-421</td>
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<td>E-301</td>
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<td>E-381</td>
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<td>M-490</td>
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<td>MU-259-260</td>
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<td>MU-301</td>
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<td>MU-363-364</td>
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<td>MU-371</td>
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<tr>
<td>PE-429</td>
<td>2</td>
</tr>
<tr>
<td>SP-311</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition to these required courses, a student may choose from the following courses (if they are appropriate to his teaching field) to complete the required twenty semester credit hours. (A student may wish to take more than the minimum twenty credit hours.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>P-312</td>
<td>3</td>
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<tr>
<td>P-325</td>
<td>3</td>
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<tr>
<td>TE-358</td>
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<tr>
<td>TE-371</td>
<td>3</td>
</tr>
<tr>
<td>AR-351</td>
<td>3</td>
</tr>
<tr>
<td>BE-401</td>
<td>3</td>
</tr>
<tr>
<td>BE-421</td>
<td>3</td>
</tr>
<tr>
<td>E-301</td>
<td>3</td>
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<tr>
<td>E-381</td>
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<td>MU-301</td>
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<td>MU-363-364</td>
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<tr>
<td>MU-385-386</td>
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<tr>
<td>MU-371</td>
<td>2</td>
</tr>
<tr>
<td>PE-429</td>
<td>2</td>
</tr>
<tr>
<td>SP-311</td>
<td>3</td>
</tr>
</tbody>
</table>

Each certified secondary school teacher must have one of the following options:

(1) A major teaching field of at least 30 semester credit hours, and a minor teaching field of at least 20 semester credit hours.

(OR)

(2) A single teaching field of at least 45 semester credit hours.

Following is a list of some of the teaching areas for which Idaho endorses certificates, regardless of the area is a major or a minor teaching field. Included in the teaching fields listed below is the specifically required minimum course content for each field. (Reproduced from the Idaho SDE pamphlet published 1972.)

English

Not less than six semester credit hours in composition and not less than six semester credit hours in American and English Literature. The remainder may be distributed in the related fields of speech, drama, and journalism.

111
SCHOOL OF EDUCATION
Department of Teacher Education and Library Science

Speech-Drama
Credits spread over both fields with not less than six semester credit hours in each. For separate endorsement in speech or drama, not less than fifteen semester credit hours in the field to be endorsed.

Journalism
Not less than fifteen semester credit hours in journalism and the remainder, if any, to be chosen from English.

Social Studies
Not less than six semester credit hours in American History and not less than three semester credit hours in American Government. In addition, work in two of the following fields to be represented: world history, geography, sociology and economics.

American Government
Not less than six semester credit hours in American Government, six semester credit hours in American History and three semester credit hours of comparative government.

American History
Not less than nine semester credit hours in American History and not less than three semester credit hours in American Government. The remaining work is to be in history and political science.

Biological Science
Credits distributed in the areas of botany and zoology, including at least six semester credit hours in each. Some work in physiology is recommended.

Physical Science
At least eight semester credit hours in chemistry and eight semester credit hours in physics.

General Science
Credits to include work in each of the following fields: physical, biological and earth science.

Mathematics
Credits to include work in algebra, geometry and trigonometry.

Physical Education
Credits distributed to include work in anatomy or physiology and health education.

Secretarial Science
Six semester credit hours in shorthand and at least one course in intermediate or advanced typewriting. The other credits are to be distributed in business courses which ensure knowledge of office machines, business and office practices and procedures.

Bookkeeping
Credits in business subjects, including at least one course in intermediate or advanced typewriting and not less than six semester credit hours of accounting with additional work in business law and business administration.

Business Education
Credits to include work in each of the following fields: typewriting, shorthand, accounting and office machines. Additional work may be selected from business law, business administration, retail merchandising, economics and office procedures.

Driver Education
An Idaho Driver Education teacher shall:
Have four semester credit hours which shall consist of not less than two semester credit hours in basic driver education for teachers and followed by not less than two semester hours in courses such as the following:
- Advanced driver education
- General safety education
- Traffic engineering
- Driving simulator education
- Highway transportation

Have three years of satisfactory driving experience immediately preceding the time of teaching, as evidenced by the State Department of Law Enforcement, Traffic Safety Division.

This change given above was effective for all teachers of driver education in the State of Idaho on September 1, 1968.

Music
Credits to include work in theory and harmony, applied music (voice, piano, organ, band and orchestra instruments), History and Appreciation, Conducting, and music methods and materials.

Arts and Crafts
Credits to include work in four of the following areas: woodworking, drafting, ceramics, leather work, plastic, the graphic arts and art metal.

Secondary Student Teaching

Secondary Education Student Teaching for 1973-74

Student teaching will be given in 4 blocks of nine weeks each, all day. The first nine weeks will accommodate physical education majors, summer school candidates, transfers from other institutions and, if necessary, those who will graduate in December. The second nine weeks block will be reserved for history and social science majors, mathematics majors, and, if necessary, for students who will graduate in December. Business Education and English majors will student teach the third nine weeks block (first nine weeks of second semester); the fourth block of nine weeks will service all science, music, art, speech and drama, and foreign language majors for the student teaching assignment. Permission for any deviation to the above placement of major fields must be granted by the Chairman of the Department of Teacher Education.

Concentrated Course Blocks, 1973-74

The student will take a group of subjects (6-9 semester hours) during the balance of the semester, complementing the assigned student teaching block. Scheduling of the CCB will be done by the advisors in the major subject department as follows:

Scheduling by Departments

Art
CCB No. 3
Student Teaching No. 4 (6 credits)
CCB Choices: (B-9 credits)
- Audio-Visual Aids. TE-356 (2)
- Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)

Business
CCB No. 4
Student Teaching No. 3 (6 credits)
CCB Choices: (B-9 credits)
- Audio-Visual Aids. TE-356 (2)
- Educational Psychology, P-325 (3)
- Speech Communication for Teachers, CM-311 (3)
- Business Curriculum and Problems, BE-421 (3)
- Secondary School Methods, TE-381 (3)

Note: BE-401 Methods in Business Education (3) is to be taken the semester preceding student teaching.
A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the library staff or 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 of the area, who are unable to afford graduate library schools:

- Introduction to Use of Libraries
- Library Organization and Administration
- Reference and Bibliography
- Basic Book Selection
- Cataloging and Classification
- *Children's Literature
- Audio Visual Aids in Education
- Literature for the Adolescent

For all Elementary Education Majors.

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**Library Science Teaching Minor**

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, and reference and bibliography. Students must be able to type.

Up to six 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 staff, or 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 of the area, who are unable to afford graduate library schools:

- Introduction to Use of Libraries
- Library Organization and Administration
- Reference and Bibliography
- Basic Book Selection
- Cataloging and Classification
- Children's Literature
- Audio Visual Aids in Education
- Literature for the Adolescent

For all Elementary Education Majors.
Placement

A Teacher Placement Service is maintained by the College Placement Office, which is administered by the Dean of Student Personnel Services.

Center for Counseling, Guidance, and Testing

The Center provides special services for students with problems in educational, vocational and personal areas. The Center is especially designed for students with specific reading problems. Other services include professional testing and counseling.

Reading Education Center

This Center provides special services for college 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.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Dr. G. Cooper, Chairman
Professors: G. Cooper, L. Smith
Associate Professor: B. Bowman
Assistant Professors: P. Bowman, J. Boyles, D. Connor, G. Goch-nour, R. Lewis
Instructors: P. Holman, W. Jones, C. Thorngren, S. Wallace, M. Young

PHYSICAL EDUCATION

The Department of Health, Physical Education and Recreation offers a major with specialization in secondary school physical education and athletic coaching. In addition, courses are offered in Health, Recreation, Elementary School Physical Education and Physical Education for Special Education Teachers. Students who complete the major program are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho.

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 program offered by the department.

Elective Physical Education Activity Program:

EIGHT SEMESTER HOURS OF PHYSICAL EDUCATION ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

The elective program includes beginning level activities and intermediate/advanced level activities. No courses may be repeated for credit.


REQUIREMENTS FOR
PHYSICAL EDUCATION MAJOR
Bachelor of Science Degree

I. Physical Education Major (Secondary Education Option)

A. General College and Degree Requirements .................. 3 or 6
  English Comp .............................................. 3 or 6

B. Area I Requirements ................................... 12
  Literature .................................................. 3
  Area I Electives ......................................... 9

C. Area II Requirements ................................ 12
  General Psychology ....................................... 3
  Sociology .................................................. 3
  Area II Electives ........................................ 3

D. Area III Requirements ................................ 13
  Concepts of Biology ...................................... 4
  Foundations of Physical Science ......................... 4
  Human Anatomy and Physiology .......................... 5
  Area III Electives ....................................... 13

E. Additional Credits chosen from Area II and/or III .......... 9

F. Physical Education Requirements .......................... 39
  Introduction to Physical Education ....................... 2
  First Aid, Health, and Safety ................................ 3
  Foundations of Physical Education ......................... 3
  Tests and Measurements .................................... 3
  Skills for Teaching Physical Education ..................... 6
  Kinesiology ................................................ 3
  Physiology of Exercise .................................... 3
  Organization & Administration of Physical Edu................. 3
  Problems in Teaching Physical Education .................. 2
  Physical Education Activities ............................. 8
  Requirements: Gymnastics and Recreational Dance ......... 4
  Course selected from Team Sports .......................... 2
  Physical Education Electives ................................ 4
  The following courses are especially recommended: Elementary School Physical Edu., Correctives, Care & Treatment of Athletic Injuries, Introduction to Recreation, Gymnastics Apparatus and Fitness Techniques, Dance Techniques, Problems in Interscholastic Athletics, and Coaching Methods.

G. General Education Requirements for State Certification .............. 20
  Foundations of Education ................................ 3
  Educational Psychology or Adolescent Psychology .......... 3
  Secondary School Methods ................................ 3
  Student Teaching ......................................... 6
  Education Electives ...................................... 5

H. Additional Electives .................................... 17
  TOTAL .................................................... 128

II. Physical Education Minor

A. Program for Men and Women ................................. 24
  Physical Education courses required ....................... 2
  Introduction to Physical Education ......................... 2
  First Aid, Health and Safety Education ...................... 3
  Skills for Teaching Physical Education ..................... 6
  Kinesiology (Prerequisite: Anatomy and Physiology) ... 3
  Physical Education activities electives ..................... 6
  (includes Gymnastics, Recreational Dance, and 4 courses selected from Swimming, Soccer, Volleyball, Tennis, Badminton, Track and Field, Field Hockey, Archery, Golf.)
  Physical Education Electives ................................ 4

SCHOOL OF EDUCATION
Department of Health, Physical Education and Recreation

III. Coaching minor (men) ........................................ 23
  Physical Education Courses required ....................... 2
  Introduction to Physical Education ......................... 2
  First Aid, Health and Safety Education ...................... 3
  First semester Course Skills of Teaching Physical Education .................. 3
  Care and Treatment Athletic Injuries ....................... 2
  Physiology Exercise (Prerequisite: Anatomy and Physiology) .................. 3
  Problems in Interscholastic Athletics ....................... 2
  Coaching Methods ......................................... 8

PHYSICAL EDUCATION MAJOR
(Bachelor of Science Degree)

FRESHMAN YEAR:

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<tr>
<th>Subject</th>
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<td>Communications</td>
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<td>Foundations of Physical Education</td>
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<tr>
<td>Tests and Measurements</td>
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<td>Requirements: Gymnastics and Recreational Dance</td>
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<td>The following courses are especially recommended: Elementary School Physical Edu., Correctives, Care &amp; Treatment of Athletic Injuries, Introduction to Recreation, Gymnastics Apparatus and Fitness Techniques, Dance Techniques, Problems in Interscholastic Athletics, and Coaching Methods.</td>
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<td>Secondary School Methods</td>
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SOPHOMORE YEAR:

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JUNIOR YEAR:

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<td>Physiology of Exercise</td>
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<td>Skills for Teaching Physical Education</td>
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<td>Adolescent or Educational Psychology</td>
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SENIOR YEAR:

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<td>Organization and Administration of Physical Education</td>
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<td>Education Electives</td>
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<td>Electives</td>
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<tr>
<td>TOTAL</td>
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The School of Education, through its Department of Psychology, confers a baccalaureate degree in psychology. Because of the core requirements for all candidates, it is regarded as a degree in general psychology but considerable latitude is allowed within the framework set by those requirements, as at least twelve hours of each student's course work in psychology are "elective."

The student should be aware, however, that even the elective courses function as parts of a total program designed to produce a graduate with a strong background in basic psychology, and under no circumstances should he regard successful completion of that program as a preparation to perform psychological services of any kind. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.

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.

### REQUIREMENTS FOR PSYCHOLOGY MAJOR

**Bachelor of Arts or Bachelor of Science**

**CREDITS**

1. **Lower division:**
   A. Psychology (see: Area II, below) ............................................. 15-18
   B. Other
      1. **Area I** ............................................................ 3-6
         English Composition, E-101, 102 .................................. 3
         Literature .............................................................. 3
         Second Area I field ............................................... 3
         Third Area I field ............................................... 3
         Any Area I field .................................................. 3
      2. **Area II** ............................................................ 15
         History ................................................................. 3
         General Psychology, P-101 ........................................ 3
         Physiological Psychology, P-225 .................................. 3
         Intro to Practice of Psych, P-201 ................................ 3
         Third Area II field ................................................. 3
      3. **Area III** ............................................................ 19
         Mathematics for the Life Science, M-115-116 ...................... 10
         Concepts of Biology, B-103 ......................................... 4
         Human Physiology and Anatomy, Z-107 ............................ 5
   II. **Upper Division:**
      A. Psychology
         1. Statistical Methods, P-305 ....................................... 3
         2. Experimental Psychology, P-321 ................................ 4
         3. Psychological Measurement, P-421 ............................... 3
         4. Learning, P-441 .................................................. 3
         5. Psychological Systems, P-461 ................................... 3
         6. Electives in psychology ......................................... 9
      B. Upper Division Electives ............................................. 15
   III. **Free electives** (36-39 credits)

**NOTE:** Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.

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* excluding performance courses
** including performance courses

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116
Course Offerings

PE PHYSICAL EDUCATION

101 Introduction to Physical Education (co-ed) — 2 credits
(2 1-hour lectures, 1 hour lab.) Designed to give the prospective physical education teacher an understanding of what is involved in the profession; physical education as a merging profession; service rendered by physical educators; setting for physical education; relationship of physical education to health, recreation, camping, and outdoor education; leadership in physical education; duties of physical educators; professional preparation; professional organizations; Certification requirements; employment opportunities; challenges facing physical education. One hour laboratory to include testing for skills, basic fundamental movements, and observation of programs. Prerequisite: none. First semester.

103 Introduction to Recreation (co-ed) — 2 credits
Designed to acquaint the student with the growth and development of community recreation and the role of community recreation in our present day society. Second semester. Prerequisite: None.

106 First Aid, Health, and Safety Education - (Coed) — 3 credits
This course deals with the phases of Health, First Aid, and Safety Education.

Health Education covers concerned subjects as nutrition, diseases, health needs and services, drugs, family living and environmental problems.

First Aid emphasis on practical use of knowledge in various occupations. Detailed demonstrations and practical demonstrations, upon successful completion of numbered hours a standard and advanced First Aid Card will be issued through the American Red Cross.

Safety Education covers the needs for Safety Education, the role of the school in a safety program; methods and materials for demonstrations, discussions and readings stressing various aspects of safety in many areas; through safety campaigns, basic instruction and understanding many predisposing factors that cause accidents. Each semester.

130 Water Polo (M) — 1 credit
Designed to teach the skills, strategy, and rules of water polo. Prerequisite: Instructor's permission. Each semester.

131 Spring Board Diving (Coed) — 1 credit
Emphasis is on basic diving skills, diving procedures, proper body positions, and safety in diving and diving areas. Prerequisite: Instructor's permission. Each semester.

132 Skin and Scuba Diving (Coed) — 1 credit
Instruction in the use of mask, fins, and snorkel and an aqua lung that will enable the student to breathe under water. Prerequisite: Instructor's permission. Each semester. (Cost to the student approximately $30.00)

133 Modern Dance (coed) — 1 credit
Provides opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Work will encompass improvement of body flexibility, balance, coordination and relaxation through use of modern dance techniques and movement exploration. Either semester.

134 Backpacking and Camping (coed) — 1 credit
Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, choice of camping sites, basic outdoor cooking skills, minor first-aid skills, and emphasizes ecology in the outdoors. Students will furnish their own equipment. Either semester.

135 Karate (coed) — 1 credit
Karate may be defined as a weaponless means of self defense. The Karate techniques are based on the theory of energy conservation. The essence of Karate is the coordination of the mental and physical powers possessed by every human being. Students will furnish their Gi. Each semester.

136 Fly Casting and Tying (coed) — 1 credit
Designed to teach the fundamentals of fly casting and fly tying. Emphasis will be placed on casting techniques, equipment, knots, and stream/lake fishing procedures. Basic aquatic entomology will be taught as it pertains to the fly ties. Basic tying operations will be taught. Students will provide their rod, reel, and line and fly tying kit. Either semester.

152 Beginning Swimming (W) — 1 credit
Basic water safety, skills and knowledge: floating, bobbing, diving, rhythmic breathing, treading water, and an introduction to the crawl, side stroke, elementary backstroke. For students that do not know how to swim. Each semester.

157-158 Drill Team (W) — 1 credit
Drills composed of dance steps and arranged in various formations and maneuvers for half-time presentation at football and basketball games. One hour daily. By instructor's permission. Each semester.

161 Beginning Badminton (W) — 1 credit
The course covers basic skills in badminton to encourage skill development, understanding, and appreciation of the game. Each semester.

162 Beginning Badminton (M) — 1 credit
The course covers basic skills in badminton to encourage skill development, understanding, and appreciation of the game. Each semester.

163 Beginning Volleyball (W) — 1 credit
The course consists of participation in volleyball with consideration of fundamental skills, rules, and basic team strategy. Each semester.

164 Beginning Volleyball (M) — 1 credit
A beginning class in volleyball with the basic fundamentals and team strategies of volleyball emphasized. Also basic skill drills used for skill improvement. General game situations and team participation are brought to a level of fun activity with improvement of skill the end objective. Each semester.

165 Beginning Basketball (W) — 1 credit
The course consists of participation in basketball with consideration of fundamental skills, rules, and basic team strategy. Either semester.

166, 167 Varsity Participation (M) — 1 credit

168 Basketball (M) — 1 credit
A beginning class in basketball emphasizing general rules and participation. Basic offensive strategies will be discussed and basic drills on passing, dribbling, and shooting will take place. Defensive tactics such as man to man, zones, and rebounding will also be explained. Second semester.

169 Beginning Tennis (W) — 1 credit
An introductory course to provide basic skills, strategies, and rules for the beginner. Each semester.

170 Beginning Tennis (M) — 1 credit
An introductory course in tennis with the basic fundamental skills and rules of tennis. Game strategy in both doubles and singles. Each semester.

171 Beginning Field Hockey (W) — 1 credit
The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. First semester.

172 Softball (W) — 1 credit
The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Second semester.
173 **Beginning Soccer (M)** — 1 credit
   Participation in soccer with emphasis on skill development, rules, and team strategy. Each semester.

174 **Beginning Judo (coed)** — 1 credit
   A safe, fun sport which is also a complex art form. The course consists of principles and philosophy of Judo and the techniques of falling, throwing, and grappling. Students will furnish their Gi. Each semester.

175 **Beginning Self-Defense (coed)** — 1 credit
   The defensive tactics are presented in the forms of Aikido, Judo, and Karate; teaching coordination of the mind and body and nonaggressive application of the laws of gravity and force. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Each semester.

176 **Beginning Swimming (M)** — 1 credit
   Instruction in the beginning skills and progress to more advanced beginner skills. Floating, gliding, rhythmic breathing, bobbing, kicking. Safety emphasized to keep the student mentally alert to his skill level. Each semester.

177 **Rugby (M)** — 1 credit
   Introductory course to provide skills, rules and team play for the beginner. First semester.

180 **Beginning Archery (coed)** — 1 credit
   The course is designed for the beginning archery student to provide instruction in the fundamental techniques of all phases of archery, target, field clout, golf, novelty, etc. Each semester.

181 **Beginning Golf (coed)** — 1 credit
   The course is designed for the beginning golf student to provide instruction in the fundamental techniques of all phases of golf. The student will also be acquainted with the rules, regulations and proper etiquette of the game. Each semester. Green fee approximately $10.00.

182 **Track and Field (W)** — 1 credit
   The course consists of participation in track and field events with consideration of fundamental skills and rules for meets. Second semester.

183 **Handball and Court Games (M)** — 1 credit
   A class designed to teach techniques and skills of handball and paddleball with special emphasis on playing procedures. Students will be introduced to game situations where they can improve on their individual skills. Either semester.

184 **Recreational Dance (coed)** — 1 credit
   A course in the fundamentals of dance, designed to increase the knowledge and skill of the student. The course includes folk, square, round, mixer, and basic social dances. Required of all P.E. Majors. Each semester.

185 **Physical Fitness Activities (W)** — 1 credit
   Sequential and progressive exercises, activities for general fitness that involves strengthening, stretching, slenderizing and relaxation. Each semester.

186 **Physical Fitness Activities (M)** — 1 credit
   A class designed to improve techniques and skills for individual fitness, with emphasis on drills and general physical conditioning programs for individual needs. The students will also be introduced to a wide variety of physical activities where new and old skills can be used to improve total physical fitness. Each semester.

188 **Social Dancing (coed)** — 1 credit
   The course covers basic techniques of social dancing. Dances included are waltz, cha-cha, foxtrot, rumba, tango, lindy, and various novelty dances. Either semester.

189 **Folk and Square Dancing (coed)** — 1 credit
   Instruction and application of basic steps and patterns used in folk dances from different countries. Either semester.

190 **Beginning Bowling (coed)** — 1 credit
   Designed to teach the basic skills of bowling; includes approach and delivery; handicaps and scorekeeping. Each semester. Bowling fee approximately $10.00.

191 **Skiing and Mountaineering (coed)** — 1 credit
   This course is designed to introduce the student to the various techniques of skiing; Mountaineering is designed to acquaint the skier with the out of doors and the wilderness. Instruction fee $25.00, payable at Bogus Basin. Student will furnish or rent their equipment. Lift pass $4.00. Second semester.

192 **Defensive Tactics (coed)** — 1 credit
   The course consists of physical defense against one or more persons; physical arrest; control and restraint, familiarization with control devices, definition and application of that force which is reasonable and necessary, individual and group tactics. Students will furnish Gi. Each semester.

193 **Touch Football (M)** — 1 credit
   A class designed to teach technique and skills of touch football, with special emphasis on playing procedures. Students will be introduced to a variety of playing activities where old and new skills can be used. First semester.

201 **Foundations of Physical Education (coed)** — 3 credits
   (3-1 hour lectures) Course content consists of philosophy of education and physical education, objectives of physical education, physical education's role in general education, changing concepts of physical education, scientific foundations of physical education, curriculum development in physical education, history and principles of physical education. Sophomore year. Prerequisite: Introduction to Physical Education. Each semester.

208 **Beginning Gymnastics (M)** — 1 credit
   This course is designed for the beginning student to provide instruction in the fundamental techniques of all phases of gymnastics. The student will also be acquainted with spotting and safety techniques. Required of all P.E. Majors. Each semester.

209 **Advanced Self-Defense (coed)** — 1 credit
   The course is a continuation of Self-Defense using Aikido, Judo and Karate, teaching coordination of the mind and body and nonaggressive application of the natural laws of gravity and force. It is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: Instructor's permission. Each semester.

210 **Advanced Judo (coed)** — 1 credit
   Continuation of the basic skills of Judo. Advanced form to encourage participants to seek advanced degrees. Students will furnish their Gi. Prerequisite: Instructor's permission. Each semester.

253 **Beginning Gymnastics (W)** — 1 credit
   The course covers basic skills for women on the trampoline, uneven parallel bars, balance beam, sidehorse, and tumbling. Required of all P.E. Majors. Each semester.

256 **Tests and Measurements (coed)** — 2 credits
   Testing procedures and standard tests in physical education. Emphasis on the importance of evaluation in physical education, elementary statistical procedures and interpretation of technical literature in the field. Prerequisite: Introduction to Physical Education and Foundations of Physical Science. Either semester.

261 **Intermediate Badminton (coed)** — 1 credit
   Advanced basic fundamentals, including round-the-head strokes, advanced serves, advanced smash shots, drop shots, deception, and strategy. Prerequisite: Playing experience or instructor's permission. Each semester.

263 **Intermediate Volleyball (W)** — 1 credit
   The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Each semester.
264 Intermediate Volleyball (M) — 1 credit
  Review and practice of basic skills. Will provide advanced instruction in individual and team play. Prerequisite: PE 164 Beginning Volleyball or playing experience. Each semester.

265 Intermediate Basketball (W) — 1 credit
  The course consists of participation in basketball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Second semester.

269 Intermediate Tennis (coed) — 1 credit
  An advanced class in tennis with basic fundamentals reviewed. Game situations with strategy in both doubles and singles. High level of competition. Prerequisite: Playing experience or instructor's permission. Each semester.

270 Advanced Tennis (coed) — 1 credit
  Participation on a higher skill level. Emphasis will be on position play, strategy, and development of team play. Prerequisite: Playing experience or instructor's permission. Either semester.

277 Weight Training (M) — 1 credit
  Techniques and skills for individual fitness with emphasis on weight training and weight lifting procedures for individual conditioning programs. Each semester.

279 Weight Training (W) — 1 credit
  The course is designed for the experienced archer, who has a workable knowledge of the fundamental skills of archery. There will be a review of the fundamental techniques of shooting and instruction and practice in target archery, field shooting and bow hunting. Prerequisite: Experience or instructor's permission. Either semester.

280 Intermediate Archery (coed) — 1 credit
  This course is designed for the experienced archer, who has a workable knowledge of the fundamental skills of archery. There will be a review of the fundamental techniques of shooting and instruction and practice in target archery, field shooting and bow hunting. Prerequisite: Experience or instructor's permission. Each semester.

281 Intermediate Swimming (coed) — 1 credit
  The course is designed to provide the swimmer with additional strokes and self rescue techniques and skills to help him to become a better swimmer. Prerequisite: Instructor's permission. Each semester.

282 Senior Lifesaving (coed) — 1 credit
  A review of the five basic styles of swimming, self rescue techniques, and handling of various types of swimming problems. Prerequisite: Experience or permission of instructor. Each semester.

283 Water Safety Instruction (coed) — 1 credit
  The course is designed to provide instruction in life saving, first-aid, swimming, and basic small craft. There will be advanced work in swimming for the handicapped, competitive swimming, and recreational swimming. Prerequisite: Instructor's permission. Each semester.

285 Intermediate Golf (coed) — 1 credit
  This course is a continuation of beginning golf. It is designed for those students who have completed golf 181 or who consider themselves to be beyond the beginning stages of the game. All of the basic fundamentals will be reviewed, but a greater emphasis will be placed on form, technique and detail. The student will also learn different types of specific golf shots. Prerequisite: Playing experience or instructor's permission. Each semester. Green fee approximately $10.00.

286 Beginning Fencing (coed) — 1 credit
  An introduction to a lifetime sport, including basic skills and strategies of fencing. Each semester.

287 Intermediate Fencing (coed) — 1 credit
  A review of basic skills and strategies; advanced techniques and bout practice. Introduction of competitive fencing including judging and directing skills. Prerequisite: Instructor's permission. Each semester.

290 Advanced Bowling (coed) — 1 credit
  Includes the finer skills of bowling-playing the lanes, playing the angles, analyzing the game. Common faults, symptoms and remedies. Advanced techniques and technical information. Prerequisite: Instructor's permission. Each semester. Bowling fee approximately $10.00.

Upper Division

301-302 Skills for Teaching Physical Education (co-ed) — 3 credits each
  Consideration of teaching methods and procedures, techniques and skills in a variety of activities, development of units and lesson plans, and laboratory experiences as a student assistant in activity classes. Prerequisites: Introduction to Physical Education and Foundations of Physical Education Sequence course.

303 Intramurals and Sports Officiating (coed) — 2 credits
  Designed to acquaint the student with the organization and administration of intramural programs. Includes sports and intramural officiating. Either semester.

319 Techniques and Methods of Coaching Football — 2 credits
  Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing or instructor's permission. Fall semester.

320 Techniques and Methods of Coaching Wrestling — 2 credits
  Offense and defense in wrestling, equipment and training; meets and tournaments; wrestling styles; and conditioning and facilities. Prerequisite: Junior standing or instructor's permission. Either semester.

322 Techniques and Methods of Coaching Basketball — 2 credits
  Methods of coaching offense and defense, styles of play, and basketball strategy. Prerequisite: Junior standing or instructor's permission. Either semester.

324 Techniques and Methods of Coaching Baseball — 2 credits
  Baseball fundamentals including batting, fielding, conditioning and training. Prerequisite: Junior standing or instructor's permission. Spring semester.

327 Techniques and Methods of Coaching Track and Field — 2 credits
  The theory and methods of coaching the various events in track and field and the planning of meets. Prerequisite: Junior standing or instructor's permission. Spring semester.

328 Care and Treatment of Athletic Injuries — 2 credits
  The care, prevention, and treatment of athletic injuries. The study and practice of modern athletic training methods. Prerequisite: Junior standing. Kinesiology or Physiology of Exercise. Either semester.

336 Gymnastics, Apparatus, Fitness Techniques (coed) CC811 — 2 credits
  Techniques of teaching and coaching gymnastics. Emphasis is placed on progressions, safety, and conditioning. Prerequisite:
Junior standing and Beginning Gymnastics or instructor's permission. First semester.

341 Dance Techniques (co-ed) — 2 credits
A course in methods of teaching dance in secondary schools. Areas included are folk and square dance, social dance, modern dance, and rhythmic gymnastics. Prerequisite: Junior standing or instructor's permission. Either semester.

351 Kinesiology (co-ed) — 3 credits
A study of the range, quality, and capacities of movement of the human body, analysis of muscular movement in sports activities. Prerequisite: Junior standing; Human Physiology and Anatomy 2-107. Either semester.

355 Physiology of Exercise (co-ed) — 3 credits
The effects of muscular exercise and physical conditioning on the circulatory, respiratory, and other physiological processes. Prerequisite: Junior standing; Human Physiology and Anatomy. Either semester.

357 Rhythms for Kindergarten, Special Education and Elementary School Teachers (coed) — 2 credits
The analysis of the fundamentals, the development of skills and the application of methods in teaching rhythms in kindergarten, special education and elementary school physical education. To include Folk Dance, Square Dance, Rhythm Balls, Rhythmic Rope Skipping, Singing Games, Rhythms for the atypical child, Rhythm Sticks, Parachute Rhythms, etc. Prerequisite: Junior standing. Second semester.

359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers — 2 credits
This class is designed for future kindergarten and special education teachers or physical education specialists with emphasis on the physical needs of children, the selection and analysis of fundamental skills, the development of skills and the application of various methods of instruction at the kindergarten and special education grade levels. Prerequisite: Junior standing. First semester.

361 Elementary School Physical Education (coed) — 2 credits
The class is designed for future elementary school teachers, and elementary school physical education specialists, with emphasis on the physical needs of children. The analysis of fundamental skills, the development of skills and the application of various methods of instruction at the primary and intermediate grades. Prerequisite: Junior standing or instructor's permission. Either semester.

425 Problems in Teaching Physical Education (coed) — 2 credits
CCBII. A course for senior students who have completed student teaching. Students will mutually consider problems encountered in student teaching and attempt to solve them. The resources of the entire physical education staff, plus outside experts will be used. Opportunities for individual research will be provided. Prerequisite: Student teaching. First semester.

430 Problems in Interscholastic Athletics (coed) — 2 credits
CCBII. Study of the organization and management of interscholastic athletics including nature and functions of budgeting, finance, personnel, facilities, equipment, supplies, scheduling, records, public relationships, legal responsibilities, professional relationships and professional advancement. Prerequisites: One semester of Skills for Teaching Physical Education and Senior standing. First semester.

451 Correctives (co-ed) — 2 credits
Survey of common deviations of posture, functional disturbances and crippling conditions found in school children. Consideration of the extent and limitations of the teacher's responsibility for correction or improvement of physical defects. Prerequisite: Kinesiology or instructor's permission. Second semester.

457 Organization and Administration of Physical Education (co-ed) — 3 credits
Study of departmental organization, instructional and recreational programs, supervision of instruction, physical plant, and finance. Prerequisite: Junior standing or instructor's permission. Either semester.

471 Highly-Organized Games (W) — 2 credits
The course is designed to prepare women to teach and coach team sports. Areas covered will include organizing the team, scheduling and facilities, coaching methods, drills and practice sessions, and advanced team strategy. Sports considered will be field hockey, volleyball, basketball, track and field, and softball. Prerequisite: Junior standing or instructor's permission. Either semester.

P PSYCHOLOGY

Lower Division

101 General Psychology — 3 credits
The first half of an introductory course in psychology. General Psychology 101 and 102 are more concerned with theory and terminology than are the other beginning courses listed in this section. Emphasis in the first semester will be on growth and development, individual differences, motivation, emotion, adjustment, learning perception, and thinking. Recommended preparation: one year of college-level science. Either semester.

105 Applied Psychology — 3 credits
A study of the application of psychological principals to selected activity areas, such as business, education, military, medicine, law enforcement, etc. The course is designed especially for those students whose majors lie outside the behavioral sciences. Either semester.

201 Intro to Practice of Psychology — 3 credits
An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lecture and discussions, with psychologists who are employed in a wide variety of specific occupations. Prerequisite: General Psychology 101 and consent of instructor. Second semester.

210 Human Growth and Development — 3 credits
A survey of significant factors in development from conception through adolescence. Consideration is given to normal patterns of maturation and adjustment. Major constitutional and environmental adjustment problems will also be presented. The course is intended for those who wish to study the general factors in child and adolescent development, not for psychology or education majors. Students may not earn credits in this course and in Child Psychology P-311 or Adolescent Psychologyp-312. Either semester. Not offered 1973-74.

225 Physiological Psychology — 3 credits
A survey of classical and current problems, with emphasis on nervous and endocrine systems in the processing of information with the organization of behavior. Examples of sensation, perception, motivation, emotion, and learning will be studied from this point of view. Prerequisites: General Psychology 101, B-107 Human Physiology & Anatomy, and consent of instructor. First semester.

Upper Division

(NOTE: Upper-division psychology courses are saved for upper-division students.)

301 Abnormal Psychology — 3 credits
A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of current preventive and remedial practices. Prerequisite: General Psychology 101. Either semester.

305 Statistical Methods — 3 credits
Statistical concepts and methods commonly used in treatment of data in the Social Sciences. Topics covered will in-
include: measures of central tendency and of variability, correlation measures, probability, and simple analysis of variance. Prerequisites: Mathematics of the Life Sciences M-115-116. Each semester.

311 Child Psychology — 3 credits
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. Student may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Each semester.

312 Adolescent Psychology — 3 credits
Chronologically a continuation of Child Psychology P-311; the course will emphasize the special conditions of adolescent growth and adjustment. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Either semester.

321 Experimental Psychology — 4 credits
The application of scientific methodology to the study of behavior. Design of experiments; methods of analysis and interpretation of data; reporting of behavioral research. Two lectures and two two-hour laboratory periods per week. Prerequisite: General Psychology 101. Statistical Methods P-305 and Mathematics for the Life Sciences M-115-116. Each semester.

325 Educational Psychology — 3 credits
A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Either semester.

341 Perception — 3 credits
A survey of the basic concepts in the psychology of perception, including a review of the findings of present day research on the receptor processes. Prerequisite: General Psychology 101. Offered alternate years. Second semester.

351 Personality — 3 credits
A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Second semester.

353 Psychoanalytic Psychology — 3 credits

421 Psychological Measurement — 3 credits

431 Social Psychology — 3 credits
Social factors affecting individual behavior; formation and change of attitudes; social and cultural effects on individual conditionings; effect of membership on members of groups and society. Prerequisite: General Psychology 101 and Introduction to Sociology 101. Either semester.

435 Psychology of Motivation — 3 credits

441 Learning — 3 credits
Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: Conditioning, rote learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101. Mathematics for the Life Sciences M-115-116, Statistical Methods P-305. Experimental Psychology P-321 may be taken before or concurrently with Learning. Offered alternate years. Either semester.

461 Psychological Systems — 3 credits
Theories and controversies of the past and present. Prerequisite: Senior standing in Psychology. Either semester.

503 Individual Testing Practicum
Emphasis in the course will be placed on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics for the Life Sciences M-115-116, Statistics and Psychological Measurement, P-421. Either semester.

TE TEACHER EDUCATION

Lower Division

108 Developmental Reading — 2 credits
The course is designed to develop the speed of reading by each individual through the enhancement of improved techniques in vocabulary development, familiarity with subject matter, locating the main idea, recognizing paragraph patterns and types, skimming and scanning, study skills, and test taking. A variety of activities are employed, including the employment of electronic devices. Either semester.

201 Foundations of Education — 3 credits
A general introductory course in education to give the student, as early as possible in his preparation for teaching, some familiarity with the teaching profession. It deals with the work of the teacher; the fundamental social, historical and philosophical background for teaching; current educational problems and practices. It helps students decide whether they should or should not become a teacher. Admission to the Teacher Education Program will be contingent upon meeting certain requirements specified in this course. Either semester.

Upper Division

351 Elementary Curriculum and Methods I — 5 credits
The first semester of Elementary Curriculum and Methods with an emphasis upon language arts. However, all aspects of curriculum are included. Prerequisite: Child Psych. To be taken concurrently with Student Teaching 471. First semester.

352 Elementary Curriculum and Methods II — 5 credits
The second semester of Elementary Curriculum and Methods with an emphasis upon social studies, science, and mathematics. However, all aspects of curriculum are included. Prerequisite: Elementary Curriculum and Methods I, TE 351. To be taken concurrently with Student Teaching TE 472. Second semester.

356 Audio-Visual Aids in Education — 2 credits
Motion pictures, graphic materials, filmstrips, lantern slides, field trips and auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved. Either semester.

371 Guidance for the Classroom Teacher — 3 credits
A study of the guidance activities normally carried on by the classroom teacher. Either semester.

381 Secondary School Methods — 3 credits
A study of the overall program and objectives of the secondary school with special attention given to methods and materials of instruction. Application is made to the student's teaching areas. Prerequisite: Admission to the School of Education. This course, and/or a special methods course, should be completed prior to student teaching. Each semester.
SCHOOL OF EDUCATION
Courses - P, LS

391 Psychology of the Exceptional Child — 3 credits
A psychological study of children who deviate from the average mentally, physically, socially, and emotionally to such an extent that special treatment is needed. Problems of identification, diagnosis, treatment, training, and employment are considered. Prerequisite: Educational or Child Psychology. First semester.

392 Education of the Exceptional Child — 3 credits

393 Driver Education — 2 credits
This course is designed to aid teachers in the instruction of beginning drivers, and in the use of dual controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety. Spring, Summer.

394 Advanced Driver Education — 2 credits
A course designed to provide advanced preparation in principles and practices of driver and traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE-393. Spring, Summer.

395 General Safety Education — 3 credits
This course is designed to provide a comprehensive survey of general safety education as it applies to all fields but especially to the public schools. Topics include the study of accidents and their prevention, safety and accident prevention in the schools, traffic safety, student transportation and the school’s role relative to safety problems with other public and private agencies. Prerequisite: Upper division standing.

455 Corrective Reading in the Elementary School — 3 credits
A study of reading difficulties of elementary school pupils with emphasis upon diagnosis, materials, and methods of teaching. Prerequisite: Elementary Student Teaching, TE-471, or teaching experience and a basic course in the teaching of reading. Either semester.

470 Elementary Student Teaching — 3 credits
Observation and supervised teaching in the schools of Boise. Summer.

471 Elementary Student Teaching — 5 credits
Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching, Senior standing, and G.P.A. 2.25. First semester.
To be taken concurrently with Elementary Curriculum and Methods. TE-351. Application for admission must be filed by March 1 of Junior year with office of the Assistant Dean.

472 Elementary Student Teaching — 5 credits
Observation and supervised teaching. Prerequisite: TE-351. To be taken concurrently with Elementary Curriculum and Methods, TE-352. Second semester.

481 Secondary Student Teaching — 6 credits
Supervised student teaching in a secondary school. Prerequisites: (1) Admission to the School of Education. Completion of Secondary Methods, or a special methods course in the teaching area with a minimum grade of "C". Senior standing. G.P.A of 2.25 in major field, minor field, and education courses. A cumulative G.P.A of 2.1. Recommendation of the faculty advisor or department chairman. Approval of an official application for student teaching. Application must be filed with the office of the Assistant Dean by March 1 of the Junior year. Each semester.

LS LIBRARY SCIENCE

Lower Division

101 Introduction to use of Books and Libraries — 2 credits
Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshmen, sophomores and new students. Recommended for education majors. Each semester.

Upper Division

301 Library Organization and Administration — 3 credits
An introduction to the development, organization, and management of all types of libraries, with emphasis on the school library and its place in the instructional program. First semester.

311 Reference and Bibliography — 3 credits
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. First semester.

316 Children’s Literature — 3 credits
Emphasis on selection, wide reading, and evaluation of books for children, and reading guidance in relation to both personal and curricular needs. Required of elementary education majors and elementary school librarians, recommended for public librarians, parents and any who work with children. Each semester.

321 Basic Book Selection — 3 credits
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 the slow and gifted reader. Second semester.

331 Cataloging and Classification — 3 credits

**341 Literature for the Adolescent — 3 credits
Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of Lower Division Literature. Second semester.

* Especially recommended for secondary teachers.
** Especially recommended for secondary language arts teachers.
MASTER OF ARTS IN ELEMENTARY EDUCATION

General Prerequisites for Applicants

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 School of Education as well as the specific regulations of the particular program to which they apply.

Applicants for regular status in the Graduate Program administered by the School of Education normally must have maintained a grade point average of at least 3.00 on the last two years of undergraduate study, or an overall grade point average of 2.75.

All applicants must be accepted by the School of Education through its Department of Teacher Education. Specific requirements will be determined by this department for graduate admission to a teacher education program designed to provide graduate preparation of elementary teachers.

The Graduate Degree Program

The elementary education graduate program will consist of at least 30 semester hours of credit, determined as follows:

Required courses — Education 9 semester credits
Elective courses — Education 12 semester credits
Open electives 6 semester credits
Seminar 3 semester credits

A written or oral comprehensive examination over the courses selected by the candidate will be given prior to admission in the final seminar. Successful completion of this examination will be necessary for admission to the final seminar.

A maximum of 9 semester credits may be accepted from other graduate schools upon application and consideration of applicability of the course by a committee of the graduate faculty.

Required Courses in Education

A comprehensive core of 9 semester hours is a requirement for all candidates for the Master of Arts in Elementary Education degree.

TE-570, 571, 572 Comprehensive Core for Elementary Education —3 credits each

This comprehensive core provides "currency" in the following areas:
- Elementary curriculum development and innovation
- Testing, Evaluation and Educational Research
- Learning Theories and Applied Psychology
- Philosophical and Sociological Foundations

TE-598 Seminar in Elementary Education —3 credits

This seminar is required of all candidates. The seminar will include directed reading, individual or group action research, and project writing.

Elective Courses in Education

Twelve semester hours of credit must be chosen from the courses listed in this elective area. At least one course must be chosen from Cluster I and from Cluster II. The candidate will be able to select courses which will strengthen his effectiveness as an elementary teacher.

Cluster I (Choose at least one course)

TE-501 Advanced Practices and Principles in Teaching
- Reading — 3 credits
  The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed.

TE-510 Advanced Practices and Principles in Teaching
- Social Science — 3 credits
  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 Mathematics — 3 credits
  A study will be made of the number abilities needed by children, the methods needed in providing number experiences, desirable teaching procedures, use of materials, and research findings in mathematics.

TE-512 Advanced Practices and Principles in Teaching
- Language Arts and Linguistics — 3 credits
  Emphasis will be given to the role of language arts and linguistics in the elementary school curriculum, stressing the newer approaches to language development, spelling, writing, listening-speaking skills.

TE-513 Advanced Practices and Principles in Teaching
- Elementary Science — 3 credits
  Current practices and principles in modern elementary science concepts will be developed. Particular reference will be made to selecting and organizing content and experimental activities.

TE-514 Advanced Practices and Principles in Teaching
- Humanities — 3 credits
  Integration of the humanities and fine arts into the elementary curriculum will be the major concern of this study. Methods, activities, projects and media will be investigated.

Cluster II (Choose at least one course)

P-501 Counseling and Guidance in the Elementary Classroom — 3 credits
  A study of counseling & guidance techniques for the elementary school. Attention is given to the study & application of basic guidance services as related to the regular & to special education programs. Prerequisite: P-101 General Psychology.

TE-505 Tests and Measurements — 3 credits
  An intensive investigation is pursued in the field of individual testing, measurement and evaluation.

TE-515 Development of Skills for Teaching Pupils with Learning Difficulties — 3 credits
  A study of the techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with learning difficulties will be the major emphasis of this course.

TE-516 Development of Skills for Teaching the Fast Learner — 3 credits
  The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with exceptional abilities will be studied.
area of the college course offerings that will enable the candidate to strengthen his potential in elementary instruction. The candidate, in cooperation with his graduate committee, will choose courses from education or from the academic subject matter areas which will meet his individual needs as a teacher. A special topics or practicum experience may be arranged in this six semester hour open block of credits. It is the desire of the school of Education to make this area so flexible that the needs of each individual candidate for the graduate degree can be adequately met.

MASTER OF ARTS IN ELEMENTARY EDUCATION FOR READING SPECIALIST

The candidate who is interested in pursuing a Master of Arts Degree in Elementary Education with the intent to become a specialist in Reading Education will be required to complete the following program in addition to the 9 semester hours in the Elementary Education Core.

REQUIRED READING COURSES

TE-501 Advanced Practices and Principles in Teaching Reading — 3 credits
The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed.

TE-502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) — 3 credits
The role of the special reading teacher and his type of screening devices is developed. Various standardized and informal reading tests are put into practice by working with a child in the Reading Center. A case study culminates the course. Prerequisite: TE 501.

TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) — 3 credits
Remediation approaches and techniques for disabled readers is emphasized. Training is fostered by tutoring a child under supervision in the Reading Center. Prerequisite: TE 502.

TE-504 Seminar in Reading Education — 3 credits
The significant research concerning all phases of reading is abstracted and discussed in small group settings. Instruction in Reading research in reading is developed and is brought into focus by the scholar’s conducting his own reading research project. Prerequisite: TE 503.

In addition to the above requirements, the candidates, with the guidance and approval of his Reading Education Center advisor, is required to complete 9 semester hours of electives from the total graduate offerings.
INTRODUCTION

Today's health care systems are undergoing remarkable changes. This is largely due to the increasing consideration by all citizens that good health care is a basic human right. Delivery and maintenance of this level of health care require the efforts of many different professional people and technicians, all equally committed to the same goal and acting as a team.

Essentially, two major kinds of team members exist: one group is responsible for creating and maintaining institutional service programs which support the physician in his work of diagnosis and treatment; the other group, upon the request of the physician, provides direct patient care of an evaluative and treatment nature.

The School of Health Sciences at Boise State College, with its affiliated teaching hospitals, offers instruction in several programs in Pre-Professional Studies, Nursing, Allied Health Studies and Community and Environmental Health. The School and its faculty are also dedicated to service in both community and state activities dealing with health. In addition the School of Health Sciences feels a responsibility to provide continuing education for the practicing health professionals. Indeed, the primary objective of the School is to support the maintenance of optimal health through education.

DEPARTMENTS AND FACULTY

Department of Nursing:
Carol Fountain, Acting Chairman
Roy J. Ellsworth, M.D., Medical Director, (Adjunctive Assoc. Prof.)
Sheila Truby, Academic Coordinator
Diana Obenauer, Clinical Coordinator
Professors: Florence Miles
Associate Professor: Doris Kelly
Assistant Professors: R. Downs, N. Fleming, C. Fountain, M. Keller, B. Rhoads, M. Wilcox

Area of Pre-Professional Studies:
M. M. Burkholder, M.D., Medical Director (Adjunctive Assoc. Prof.)
T. L. Neher, D.D.S., Dental Director (Adjunctive Assoc. Prof.)

Area of Allied Health Studies
Respiratory Therapy:
L. Christensen, A.R.I.T., Director
D. Nuerenberg, A.R.I.T., Supervisor of Clinical Instruction
C. E. Reed, M.D., Medical Director (Adjunctive Assoc. Prof.)

Medical Technology:
E. G. Fuller, Ph.D., Advisor (Asc. Prof., Zoology)
L. L. Knight, M.D., Medical Director (Adjunctive Assoc. Prof.)

Medical Records Technology:
E. Rockne, R.R.A., Director
J. Coltrin, R.R.A., Supervisor of Directed Practice
C. C. Morgan, M.D., Medical Director (Adjunctive Assoc. Prof.)
Instructors: E. Rockne, J. Coltrin

Medical Secretary Program:
H. R. Johnson, Academic Advisor, Asc. Prof. of Office Administration

Radiologic Technology:
D. W. Bennett, M.D., Medical Director (Adjunctive Assoc. Prof.)
R. A. Luke, Asc. Prof., Physics, Academic Advisor
V. DeMond, R.T., Director, St. Luke's Hospital program
D. Cook, R.T., Director, St. Alphonsus Hospital program

Area of Community and Environmental Health:
D. J. Obee, Ph.D., Director (Prof. of Botany and Chairman, Dept. of Biology)
SCHOOL OF HEALTH SCIENCES
Nursing

CLINICAL AFFILIATES
Caldwell Memorial Hospital, Caldwell, Idaho
Idaho Elks Rehabilitation Hospital, Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke’s Hospital, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho

ADVISORY COUNCIL
M. M. Burkholder, M.D., Chairman
Adjunctive Associate Professor

David M. Barton, M.D.
Adjunctive Associate Professor

David W. Bennett, M.D.
Adjunctive Associate Professor

Roy J. Ellsworth, M.D.
Adjunctive Associate Professor

John W. Gerdes, Ph.D.
Adjunctive Associate Professor

Lawrence L. Knight, M.D.
Adjunctive Associate Professor

Robert S. Matthies, M.D.
Adjunctive Associate Professor

Clayton C. Morgan, M.D.
Adjunctive Associate Professor

Terry L. Neher, D.D.S.
Adjunctive Associate Professor

Charles E. Reed, M.D.
Adjunctive Associate Professor

DEPARTMENT OF NURSING
C. Fountain, R.N., M.N., Acting Chairman
R. J. Ellsworth, M.D., Medical Director and Adjunctive Asc. Prof.
S. Truby, R.N., B.S., Academic Coordinator
D. Obenauer, R.N., B.S.N., Clinical Coordinator

Professor: F. Miles, M.N.
Associate Professor: D. Kelly, M.N.

Boise State College offers a two-year Associate Degree program in nursing. The program is collegiate in nature. Courses offered by the Department of Nursing offer clinical experience in area health facilities. All classes and clinical experiences are under the supervision of qualified college instructors. The program is accredited by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools, and the National League for Nursing. Graduates are eligible to write the licensure examination for registration.

Philosophy
The Boise State College Department of Nursing operates within the philosophy of the total college. The faculty believe nurses can best be educated in an academic institution because general education promotes development of the individual as a member of society as well as a member of the nursing profession. Students enrolled in the nursing curriculum work and socialize with students in various other fields of study on the campus.

With the belief that the goal of nursing is health, the curriculum is based on the concept that man has seven basic needs which must be maintained to attain and preserve health. Preparation of students is aimed toward fulfillment of health needs of society today as well as allowing peaceful death to the terminally ill. Health is viewed as a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity. The nursing curriculum emphasizes clinical practice as well as theoretical preparation in the seven basic need concepts of oxygen, mental health, nutrition, elimination, activity, safety, and comfort. Safe, knowledgeable patient-centered nursing care is the standard for advancement in all nursing courses. The courses place emphasis on common health problems with limited exposure to care

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of the critically ill patient. The curriculum develops students’ abilities to apply principles of nursing in clinical practice.

Each student entering the program brings a background of individual abilities and attributes. The faculty believes that each student’s interests and abilities should be recognized and promoted within the nursing program. Students are prepared in concepts of nursing care for use in various settings; emphasis is placed on the importance of continued learning in the individual’s chosen field.

In order to allow development of the individual to the maximum of his/her potential, individual counseling and evaluation are an integral part of each nursing course.

The graduate is awarded an Associate of Science degree and is eligible to be licensed as a registered nurse.

Objectives: The Graduate:
1. Recognizes basic human needs and formulates ways of meeting them within the practice of nursing.
2. Recognizes deviations from basic health and intervenes to promote optimum health.
3. Demonstrates effective decisions in the practice of nursing and accepts accountability for his actions.
4. Uses basic knowledge and concepts for developing skills and underlying nursing care.
5. Communicates for the purpose of promoting progress in the patient’s health care.
6. Demonstrates sensitivities and abilities for good interpersonal relations.
7. Is acquainted with community health problems and resources.
8. Shows insight concerning his own feelings and behavior.
9. Recognizes his role as a technical nurse on the health team.

Admission
Admission to the Department of Nursing is based upon general college requirements. (See page of the 1973-74 college bulletin)

Steps to Application:
1. Make application for admission to Boise State College.
2. Make application to the Department of Nursing.
3. Take A.C.T. program of tests.
4. Send a copy of high school transcript or G.E.D. test scores and transcripts of all previous college work to the Department of Nursing.
5. Submit report of physical examination with chest x-ray to the Department of Nursing.
6. Complete all application requirements by April 1st of the year of enrollment.

Vocational counseling to the field of nursing is available through the Department of Nursing.

All applicants will be reviewed by the Department of Nursing Selection Committee following the April 1st date. Applicants are selected on the basis of previous academic performance, A.C.T. test scores, and mental and physical health. Date of application may be used in case of otherwise equally qualified candidates.

Acceptance by the college does not constitute acceptance into the Department of Nursing.

All applicants selected will receive letters from the Department of Nursing indicating acceptance or non-acceptance. Preregistration through the Department of Nursing is necessary prior to registration in college courses. Boise State College nursing uniforms are required for entrance into nursing courses.

NURSING CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Chemistry (C101 &amp; C111)</td>
<td>4-5 or 4-5</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Nutrition (Home Economics)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Zoology (Human Physiology and Anatomy)</td>
<td>5 or 5</td>
<td></td>
</tr>
<tr>
<td>*Basic Health Needs</td>
<td>6</td>
<td>6</td>
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<tr>
<td></td>
<td>16-18</td>
<td>16-18</td>
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SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
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<tbody>
<tr>
<td>*Microbiology</td>
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<td>3</td>
</tr>
<tr>
<td>*Sociology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>**Humanities Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>2-3</td>
<td></td>
</tr>
<tr>
<td>*Deviations from Basic Health</td>
<td>8</td>
<td>8</td>
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<tr>
<td>*Nursing Seminar</td>
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<td>1</td>
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<tr>
<td></td>
<td>17-18</td>
<td>15</td>
</tr>
</tbody>
</table>

* Core Courses (Those listed for the Freshman Year must be completed before enrolling in those listed for the sophomore year)
** Courses in Music, Art, Drama, Literature, Philosophy, Communications, an Foreign Language meet the requirement of the humanities elective.
AREA OF PRE-PROFESSIONAL STUDIES

INTRODUCTION

The Pre-Professional Studies Department has responsibility to those students who intend to apply to a professional school in one of the health science occupations and who have therefore declared a major in: pre-medicine, pre-dentistry, pre-veterinary medicine, pre-optometry, pre-pharmacy, pre-dental hygiene, and other health sciences professions.

Academic

Students in pre-medicine, pre-dentistry and pre-veterinary medicine may choose either a Biology or Chemistry option (below). In addition to these basic options, courses in Medical Sociology, Community Health, and Medical Terminology are recommended. The student's academic progress is monitored by the advisory faculty and the Dean of the School. At appropriate intervals the student is counseled regarding his or her progress toward a career goal.

Clinical

In addition to their academic course work the Pre-Professional 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.

Pre-Professional Internship

Selected students in their third or fourth year 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, veterinarian, etc.

Hospital Learning-Volunteers

Students may be identified as special volunteers. The hospital will endeavor to rotate each volunteer through various departments of the hospital in which they will perform their volunteer service. These students must be majors in the School of Health Sciences and be certified to the hospital by the Dean.

REQUIREMENTS FOR PRE-MEDICAL, PRE-DENTAL, PRE-VETERINARY MEDICINE STUDIES

I. Biology Option

1. General College and Baccalaureate Degree
   Requirements to include
   English Composition ........................................ 6
   General Psychology ........................................... 3

2. Biology Requirements ...................................... 34-35
   Advanced General Biology .................................. 10
   General Bacteriology ....................................... 5
   Comparative Anatomy ....................................... 4
   Vertebrate Embryology ..................................... 4
   Mammalian Physiology ..................................... 4
   General Genetics .......................................... 3-4
   Vertebrate Histology ..................................... 4

3. Chemistry Requirements ................................... 25-27
   General Chemistry .......................................... 10
   Organic Chemistry .......................................... 6-8
   Analytical Chemistry ....................................... 5
   Biochemistry ................................................ 4

4. Physics and Mathematics .................................. 18
   General Physics ............................................ 8
   Mathematics sequence ...................................... 10
   Totals for areas 1-4 ....................................... 107-110
   * Electives Needed ......................................... 18-21

II. Chemistry Option

1. General College and Baccalaureate Degree
   Requirements to include
   English Composition ........................................ 6
   General Psychology .......................................... 3

2. Biology Requirements ...................................... 21-22
   Advanced General Biology .................................. 10
   Comparative Anatomy ....................................... 4
   General Genetics .......................................... 3-4
   Vertebrate Embryology ..................................... 4

3. Chemistry Requirements ................................... 41
   General Chemistry .......................................... 10
   Organic Chemistry .......................................... 10
   Analytical Chemistry ....................................... 5
   Physical Chemistry ......................................... 8
   Instrumental Analysis ...................................... 4
   Chemistry Preparations .................................. 2
   Chemistry Seminar ......................................... 2

4. Physics and Mathematics .................................. 26
   Math 115-116 .................................................. 10
   Math 205-206 .................................................. 8
   General Physics ............................................. 8
   Total for Areas 1-4 ......................................... 118-119
   * Electives ................................................... 9-10

* Additional upper division credits so that upper division credits total at least 40.
† Other Pre-Professional Studies majors will be given curriculum recommendations specific to their interests by the faculty advisors.
SCHOOL OF HEALTH SCIENCES
Pre-Professional Studies

(Suggested Programs)

BIOLOGY OPTION

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
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<tr>
<td>Mathematics</td>
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<td>5</td>
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<tr>
<td>Area II Courses</td>
<td>3</td>
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<tr>
<td>Physical Education Activities</td>
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**SOPHOMORE YEAR:**

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<tr>
<th>Course</th>
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<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Advanced General Biology</td>
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</tr>
<tr>
<td>Organic Chemistry</td>
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</tr>
<tr>
<td>Area I Courses</td>
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<td><strong>Total</strong></td>
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**JUNIOR YEAR:**

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<tr>
<th>Course</th>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>General Physics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Analytical Chemistry</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Comparative Anatomy</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Genetics</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>Vertebrate Embryology</td>
<td>5</td>
<td></td>
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<tr>
<td>Area I Courses</td>
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<td>4-5</td>
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<tr>
<td>Electives</td>
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**SENIOR YEAR:**

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<thead>
<tr>
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<tbody>
<tr>
<td>General Bacteriology</td>
<td>5</td>
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<tr>
<td>Vertebrate Histology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Mammalian Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Biochemistry</td>
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<td>Electives</td>
<td>15-17</td>
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CHEMISTRY OPTION

**FRESHMAN YEAR:**

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</tr>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Area II Courses</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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**SOPHOMORE YEAR:**

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<thead>
<tr>
<th>Course</th>
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<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Advanced General Biology</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Calculus and Analytical Geometry</td>
<td>4</td>
<td>4</td>
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<td>Area I Courses</td>
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<td><strong>Total</strong></td>
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**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Comparative Anatomy</td>
<td>4</td>
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<tr>
<td>Vertebrate Embryology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>General Physics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Genetics</td>
<td>3-4</td>
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<tr>
<td>Analytical Chemistry</td>
<td>5</td>
<td></td>
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<td>Area I Courses</td>
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<td><strong>Total</strong></td>
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**SENIOR YEAR:**

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<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Physical Chemistry</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Instrumental Analysis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Chemical Preparations</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>General Psychology</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Area II Courses</td>
<td>3</td>
<td></td>
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<tr>
<td>Chemistry Seminar</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Electives</td>
<td>3</td>
<td>4-5</td>
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<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>13-1</td>
</tr>
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</table>

PRE-DENTAL HYGIENE

This curriculum is designed for students interested in a professional career in dental hygiene. This particular program is designed for students planning to enroll in the dental hygiene program as sophomore or junior students at Idaho State University. The dental hygiene curriculum leads to either a Bachelor of Science or Bachelor of Arts Degree in Dental Hygiene. Those students who plan to enroll at schools other than Idaho State University are advised to pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition 101 and 102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Biology 101 and 102</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Sociology 101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Psychology 101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Non-specified Electives</td>
<td>1</td>
<td></td>
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<tr>
<td>Humanities Elective</td>
<td>3</td>
<td></td>
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<tr>
<td>Professional Speech Communication 102</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td>14</td>
<td>16</td>
</tr>
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</table>

See page 51 of the catalog for course listing.
AREA OF ALLIED HEALTH STUDIES

Respiratory Therapy

L. Christensen, A.R.I.T., Director
D. Nuerenberg, A.R.I.T., Supervisor of Clinical Instruction
C. E. Reed, M.D., Medical Director, Adjunctive Associate Professor


Philosophy

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 diagnostic aids to breathing.

Respiratory Therapy at Boise State College is offered through the School of Health Sciences. The program consists of a two-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 basic courses in arts and sciences and professional courses in respiratory therapy. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Inhalation Therapists, which is the professional designation.

Objectives

The graduate will be prepared to accomplish the following objectives under medical direction:

a. Administer gas, humidity, and aerosol therapy, including the administration of drugs by these therapeutic methods.

b. Administer intermittent positive pressure breathing treatments.

c. Assist with long term continuous artificial ventilation, special therapeutic procedures and cardiopulmonary resuscitation; also perform tasks related to patient care, especially those of airway management, while he is involved in giving respiratory therapy.

d. Participate in the development of Respiratory Therapy units.

Requirements for Admission

1. Fulfill the requirements for admission to Boise State College.

2. Complete the application form for the Respiratory Therapy program and submit it to the Director of Respiratory Therapy.

3. Send transcript from high school and/or previous college work to the Director of Respiratory Therapy.

4. Make appointment with the Program Director for an interview with the Respiratory Therapy Selection Committee.

5. Have physical examination, including chest x-ray, and have report sent to the Director of Student Health Services.

All admission requirements must be complied with by April 1 of the year of expected entrance into the program.

All applications are reviewed by the Respiratory Therapy Selection Committee. Notification of acceptance or non-acceptance will be sent to each applicant.

Promotion and Graduation

1. Students must maintain a GPA of at least 1.8 during the first semester and a GPA of at least 2.0 in subsequent semesters. A GPA of less than the required shall automatically place a student on probation.

2. Students obtaining a "D" or "F" in their RT must repeat the course and raise their grade to "C" or higher before continuing the Respiratory Therapy curriculum.

3. Students who have completed all course requirements with a GPA of 2.0 or better and no grade lower than "C" in their RT qualify for graduation.

RESPIRATORY THERAPY CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Anatomy and Physiology</td>
<td>5</td>
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<tr>
<td>Microbiology</td>
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<tr>
<td>Chemistry</td>
<td>4</td>
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<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>-3</td>
</tr>
<tr>
<td>Respiratory Therapy Fundamentals I</td>
<td>-3</td>
</tr>
<tr>
<td>Respiratory Therapy Fundamentals II</td>
<td>-3</td>
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</table>

18 16

Summer Session - 5 weeks

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Respiratory Therapy Fundamentals III</td>
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SOPHOMORE YEAR:

<table>
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<th>Credits</th>
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<tbody>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>-3</td>
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<tr>
<td>Respiratory Therapy Cardiopulmonary Physiology</td>
<td>3</td>
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<tr>
<td>Respiratory Therapy Pathology</td>
<td>-3</td>
</tr>
<tr>
<td>Advanced Respiratory Therapy I</td>
<td>9</td>
</tr>
<tr>
<td>Advanced Respiratory Therapy II</td>
<td>-9</td>
</tr>
</tbody>
</table>

15 15

131
MEDICAL TECHNOLOGY
E. G. Fuller, Ph.D., Academic Advisor, Asst. Prof. of Zoology
L. L. Knight, M.D., Medical Director and Adjunctive Assoc., Prof.

MEDICAL TECHNOLOGY MAJOR
Bachelor of Science Program

There is a definite demand for Registered Medical Technologists in hospitals, clinics, physicians' offices, medical schools and research laboratories. This is a four-year curriculum which consists of three years of college training plus one year of clinical training. The fourth year, the student is eligible to take the examination for registration as a Medical Technologist and receive the Bachelor of Science degree.

REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR

<table>
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<td>English Composition</td>
<td>3 3</td>
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<tr>
<td>General Chemistry</td>
<td>5 5</td>
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<tr>
<td>Mathematics</td>
<td>5 —</td>
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<tr>
<td>Area II Electives</td>
<td>3 6</td>
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<tr>
<td>Electives</td>
<td>— 2</td>
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<td></td>
<td>16 16</td>
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<tr>
<td>SOPHOMORE YEAR:</td>
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</tr>
<tr>
<td>Advanced General Biology</td>
<td>5 5</td>
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<tr>
<td>Organic Chemistry</td>
<td>3 3</td>
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<td>Area I Electives</td>
<td>6 6</td>
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<tr>
<td>Area II Electives</td>
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<tr>
<td>Unspecified Elective</td>
<td>— 3</td>
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<td></td>
<td>17 17</td>
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<tr>
<td>JUNIOR YEAR:</td>
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</tr>
<tr>
<td>General Bacteriology</td>
<td>5 —</td>
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<tr>
<td>Analytical Chemistry or Biochemistry</td>
<td>(5) (4)</td>
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<tr>
<td>Mammalian Physiology</td>
<td>4 —</td>
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<td>Unspecified Electives</td>
<td>6-11 8-12</td>
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<td></td>
<td>16 15-16</td>
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<td>Advanced Bacteriology</td>
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<tr>
<td>Radioisotopes</td>
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<td>Parasitology and Mycology</td>
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<td>Clinical Chemistry</td>
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<td>Urinalysis</td>
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<td>Immunohematology</td>
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Senior year to be spent in clinical training in St. Luke's Hospital or St. Alphonsus Hospital, Boise, Idaho, or other hospitals with approved clinical training facilities. The equivalent of 33 credit hours is earned in clinical training which includes the above courses and their semester credit equivalents.
Medical Records Technology

E. C. Rockne, B.A., R.R.A., Director

J. A. Coltrin, B.S., R.R.A., Supervisor of Directed Practice

C. C. Morgan, M.D., Medical Director and Adjunctive Associate Professor

Medical record technicians work in the medical record departments of hospitals, clinics, nursing homes, research centers, or other health agencies where health records are prepared, analyzed and preserved. As a vital member of the health care team, frequently unseen by the patient or his family, the medical record technician works closely with other health professionals to gather and make available the information needed to provide the best patient care. Because of the increase in numbers and types of health agencies, there is a corresponding increase in the demand for qualified medical record technicians.

Graduates of the program are eligible to write the national accreditation examination, and upon passing this test, are recognized as Accredited Record Technicians. If desired, those who complete the program may utilize the credits for future matriculation into a four year program for Medical Record Administrators.

The program, which offers an Associate of Science degree, is approved by the American Medical Record Association and the Council on Medical Education of the American Medical Association.

### CURRICULUM

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Medical Terminology</td>
<td>3</td>
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<tr>
<td>Medical Record Science</td>
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<td>4</td>
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<tr>
<td>Concepts of Biology</td>
<td>4</td>
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<tr>
<td>Human Physiology and Anatomy</td>
<td>—</td>
<td>5</td>
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<tr>
<td>Intermediate Typing</td>
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<td>—</td>
</tr>
<tr>
<td>English Composition</td>
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<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech-Communication</td>
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</tr>
</tbody>
</table>

Summer Session: Medical Record Science - Directed Practice, 4 credits.

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Advanced Medical Record Science</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Health Institute Management</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>History (HY 101 or HY 151)</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Medical Legal Concepts</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology or Introduction to Sociology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Elective (if needed)</td>
<td>2 or 3</td>
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For course descriptions see Part IV of the catalog.
INTRODUCTION

The School of Health Sciences in conjunction with two of its hospital affiliates (St. Luke’s Hospital and St. Alphonsus Hospital) offers academic courses to support these hospital programs. These programs are either 24 or 26 months in duration. Both the College and the Hospitals offer classes in theory, while the Hospitals provide the clinical experience for the laboratory practice.

Admission to the programs is usually based on high school and college transcripts and letters by recommendation (three). An aptitude test (S-80 administered by the Employment Security Agency) may also be required. The applicant should contact the Education Coordinator and/or Director of the Department of Radiology at either St. Luke’s Hospital or St. Alphonsus Hospital to arrange for a personal interview.

The student is required to purchase his own uniform in addition to the usual expenditure for books and tuition. The student receives Blue Cross benefits from the Hospitals. The programs are approved under the G.I. Bill.

Students spend approximately 3500 hours in clinical practice working with patients under the supervision of a Registered Technologist or Radiologist in a hospital environment. This may include experience in pediatric radiography, fluoroscopy, film critique, emergency call, as well as other specialty areas. The last two months of training are devoted to clinical work and review for the certifying examination. Upon successful completion of a prescribed curriculum (example below) the student receives a certificate from the Hospital in which he is enrolled.

### Sample Curriculum

**RADIOLOGIC TECHNOLOGY**

<table>
<thead>
<tr>
<th>FIRST YEAR - FIRST SEMESTER</th>
<th>Theory Clock Hours</th>
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<tbody>
<tr>
<td>Orientation and Elementary Radiation and Protection and Professional Ethics</td>
<td>10</td>
</tr>
<tr>
<td>Darkroom Chemistry and Techniques</td>
<td>10</td>
</tr>
<tr>
<td>Principles of Radiographic Exposure I</td>
<td>24</td>
</tr>
<tr>
<td>Radiographic Positioning-Basic</td>
<td>20</td>
</tr>
<tr>
<td>Nursing Procedures Pertinent to Radiology</td>
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<tr>
<td>Eng. Comp. 102</td>
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</tr>
<tr>
<td>First Aid</td>
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</tr>
<tr>
<td>Fundamental Concepts of Mathematics</td>
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<tr>
<td>Psychology 101</td>
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<td><strong>Total</strong></td>
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<table>
<thead>
<tr>
<th>SUMMER SESSION - FIRST YEAR</th>
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<tbody>
<tr>
<td>Principles of Radiographic Exposure II</td>
<td>30</td>
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<tr>
<td>Radiographic Positioning-Intermediate</td>
<td>15</td>
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<tr>
<td>Common Radiographic Procedures using Contrast Media</td>
<td>8</td>
</tr>
<tr>
<td>The Technologist in Surgery</td>
<td>6</td>
</tr>
<tr>
<td>Film Critique I</td>
<td>20</td>
</tr>
<tr>
<td>Radiographic and Topographic Anatomy I</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>99</td>
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</table>

### SECOND YEAR - FIRST SEMESTER

<table>
<thead>
<tr>
<th>Theory Clock Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film Critique II</td>
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<tr>
<td>Medical Office Procedures</td>
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<tr>
<td>Radiographic Positioning-Advanced</td>
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<tr>
<td>Special Radiographic Procedures I</td>
</tr>
<tr>
<td>Equipment Maintenance</td>
</tr>
<tr>
<td>Advanced Protection</td>
</tr>
<tr>
<td>Radiographic and Topographic Anatomy II</td>
</tr>
<tr>
<td>Intra-Oral Radiography</td>
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<tr>
<td><strong>Total</strong></td>
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### SECOND YEAR - SECOND SEMESTER

<table>
<thead>
<tr>
<th>Theory Clock Hours</th>
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<tbody>
<tr>
<td>Film Critique III</td>
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<tr>
<td>Special Radiographic Procedures II</td>
</tr>
<tr>
<td>Radiographic Positioning-Review</td>
</tr>
<tr>
<td>Radiological Safety Monitoring</td>
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<td>Radiation Therapy</td>
</tr>
<tr>
<td>Medical Use of Radioisotopes</td>
</tr>
<tr>
<td>Vascular Radiography</td>
</tr>
<tr>
<td>A survey of Medical and Surgical Diseases</td>
</tr>
<tr>
<td>Departmental Administration</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>
TRUE TEXT

SCHOOL OF HEALTH SCIENCES

Course Offerings

H Health Sciences

101 Medical Terminology — 3 credits
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. Both semesters.

210 Principles of Pharmacotherapeutics
(Pharmacology) — 3 credits
A course of study designed to consider the special responsibilities of health care professionals in the general considerations of importance in the use of chemicals as therapeutic or diagnostic agents. Prerequisites: C101-102 or C 111-112: B 107 or B 401; or permission of instructor. Fall semester.

293-493 Pre-Professional Internship — 2 credits
The student spends three hours a week in a clinical setting under the direction of a preceptor who is a practicing professional. The student is required to keep a record of his experiences and report them during a weekly lecture-recitation seminar.

EH ENVIRONMENTAL HEALTH

301-302 Environmental Sanitation — 3 credits
First semester — A critical review of federal, state, and city ordinances affecting food processing and handling. Second semester — Areas of special community sanitation problems concerning such as waste disposal, insect and rodent control, industrial hygiene, and radiological sanitation, etc. Each semester.

350 Public Health Field Training — 8 credits
Study of actual public health problems, code, compliance, recording procedures, degrading procedure, etc. Prerequisite: Environmental Sanitation. Summer.

401 Public Health Administration — 2 credits
Organization, administration and functions of the various health agencies. Prerequisite: Environmental Sanitation. First semester.

MR—MEDICAL RECORD TECHNICIAN

104 Medical Legal Concepts — 2 credits
A study of the principles of law and ethics as applied to medical record practice. Second semester.

110-111 Medical Record Science — 4 credits
Orientation to Medical Record profession, including its history and progress. Students will learn how to analyze a medical record, check it for completion, code and index according to disease and operation. Planned laboratory experiences will provide practice in these procedures as well as in statistics, filing systems and medical transcription. First year.

160 Medical Record Science Directed Practice — 4 credits
Each student spends 150 hours in a Medical Record Department doing the daily procedures, under the immediate supervision of the hospital personnel. This experience provides the opportunity to put into practice the theories learned during the first year of Medical Record Science. Prerequisite: MR-110.111.

210-211 Advanced Medical Record Science — 5 credits
SCHOOL OF HEALTH SCIENCES
Courses - RN, RT

221 Health Institute Management — 3 credits
Introduction to the organizational, management, administrative, social and economic aspects of major health institutions. Particular emphasis is placed on hospital accreditation standards and interdepartmental relationships. Prerequisite: MR 110, 111. Second semester.

RN REGISTERED NURSING

120, 121 Basic Health Needs — 6 credits per semester
Presents basic human needs, mental and physical health as applied to people of all ages in the community and the hospital and to the family during the reproductive cycle and crisis situations, including characteristic developmental tasks of all age groups. The student has the opportunity to develop beginning nursing skills in providing nursing care in nursing homes and hospitals in the medical-surgical and maternal-child care areas. 3 lectures and 3 laboratory periods per week. 9 hours lab per week. Prerequisite: Admission to the Department of Nursing.

220, 221 Deviations from Basic Health — 8 credits per semester
Deviations from Basic Health are presented in relation to basic concepts of human needs. The concepts of mental health, oxygen activity, nutrition, elimination, safety and comfort will be emphasized in relation to need deprivation. The clinical application will provide the student with the opportunity to apply and learn nursing skills to people of all age groups. 4 lectures and 4 laboratory periods per week. Prerequisite: Core courses of the first year nursing curriculum.

224, 225 Nursing Seminar — 1 credit per semester
Discussions of factors relating to the role of the graduate as a registered nurse. Philosophy of health care and interpersonal relationships among health care workers. (One lecture hour per week). Prerequisite: Core courses of the first year nursing curriculum.

RT RESPIRATORY THERAPY

101 Respiratory Therapy Fundamentals I — 3 credits
The course is designed to provide a foundation in scientific principles and mathematical concepts as applied to respiratory therapy. Prerequisite: admission to the program.

102 Respiratory Therapy Fundamentals II — 3 credits
The course provides an introduction to respiratory therapy concepts and techniques in gas, aerosol and humidity therapy. The student will practice beginning respiratory therapy techniques on equipment in a laboratory setting. Two lectures and one lab period. Prerequisite: RT 101.

103 Respiratory Therapy Fundamentals III — 3 credits
The course provides theory and clinical practice in gas, aerosol and humidity therapy techniques in a hospital setting. Drug therapy related to these techniques is presented. Instruction on care and maintenance of equipment used in clinical practice is provided. One lecture, 2 lab periods. Prerequisite: RT 102.

201 Respiratory Therapy Cardiopulmonary Physiology — 3 credits
The course provides a background in normal physiological functions of the pulmonary and circulatory systems. Prerequisite: Core course of first year Respiratory Therapy program. Two lectures, 1 laboratory period.

205 Advanced Respiratory Therapy I — 9 credits
The course provides advanced study and clinical practice in concepts of airway management, cardiopulmonary resuscitation, emergency procedures and long term ventilation in a hospital setting. Instruction in the care and maintenance of equipment used in clinical practice will be provided. Three lectures, 6 laboratory periods per week. Prerequisite: RT 103.
PART VII

graduate school
GRADUATE SCHOOL

DEAN: GILES WILSON MALOOF, Ph.D.

Boise State College offers the graduate degrees of Master of Business Administration (MBA) and Master of Arts in Elementary Education (MA). Three curricula are available for students working toward the MA. These are as follows:

MA in Elementary Education with

I) Curriculum in Education
II) Curriculum in Reading Education
III) Curriculum in Education—Core Enriched

THE GRADUATE FACULTY

Ordinarily, the Graduate Faculty are also members of the faculty of a department in one of the other schools—Arts and Sciences, Business, or Education. As such, they are listed elsewhere in the catalog by their departmental affiliation. In the following listing the total numbers are listed by rank.

GRADUATE FACULTY

Professors ...................................... 32
Associate Professors ............................. 52
Assistant Professors ............................. 36
Instructors ......................................... 2
Associate Graduate Faculty ......................... 3

General Information for Graduate Students

Application for Admission

Application for admission to the graduate programs in Elementary Education and Business Administration 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 first enrollment, the 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 College 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 College in conjunction with such applications for admission become the property of Boise State College. Under no circumstances will they be duplicated, and the original returned to the applicant or forwarded to any agency or other college or university.

Special Status Classification (for students not requesting admittance to the Graduate School)

Persons who feel qualified to profit from graduate courses may enroll in these under “Special Status” provided all of the following conditions are met:

1. There is space available in the class.
2. The instructor, after counseling the applicant, is satisfied that he can profit from the course.
3. The student signs a waiver form which states that he understands that he has not been admitted to graduate school, that there is no commitment to accept his special status credits toward a degree, if he should be admitted.

General Admissions Criteria

A student may be admitted to the Graduate School at Boise State College when the following admissions criteria have been met:

1. The applicant has earned a Bachelor’s 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 of (Business or Education) in which he wishes to enroll. Students interested in graduate work in business are directed to page 104; education students should see page 123.
3. Completion of the predictive examination required by the department as listed under departmental criteria. Students interested in graduate work in business are directed to page 104; education students should see page 123.
4. Recommendation for admission by the department in which the student expects to work and approval by the Graduate School.

Graduate Program Classifications (for students requesting admittance to the Graduate School)

Applicants may be admitted to the Graduate School under three classifications.

Regular Status: The student 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 (12) credits of approved study.

Unclassified Status: An applicant whose academic record indicates that he is qualified to study on the graduate level, but who is not pursuing a graduate degree program, may be admitted to the Graduate School in an unclassified status. Credit for such work must be approved by the department or academic unit concerned, after a review of the proposed program of study has been made. This status is intended for students seeking an additional bachelor's degree or some definite educational objective related to but distinct from the MBA or MA degrees.

Graduate Courses for Undergraduate Credit
Boise State College "seniors" may take up to two 500 level courses for upper division credit applied to their bachelor's degree program. The necessary permit forms are available through the Admissions Office and the office of each dean. Determination of what constitutes a "senior" for the purposes of this policy is left to the graduate dean.

Graduate Credit for Seniors
A Boise State College 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 if these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Admissions Office and the office of each dean.

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 upon the recommendation of the department or academic unit concerned.

To be eligible for a degree in the Graduate School, a student must achieve a grade point 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 Boise State College may include no more than one repeated course toward a master's degree program. A sequence graded as a single unit (like TE-570, 571, 572) will be counted as one course, one repeat, for the purposes of this policy. A student who earns a grade of "F" may not count a retaken course toward any master's degree program at Boise State College.

This rule implies that a student who gets an "F" in a required core course—(TE-570, 571, 572 or MB 510, MB 511, MB 512, MB 513) is automatically excluded from further master's degree work in whichever program he was in. With a "D" in one of these courses there is a single chance of redemption.

Credit Requirements
A minimum of thirty (30) semester credits of course work approved by the graduate student's supervisory committee is required. More than thirty (30) 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 will establish with the student a program of study, direct any thesis or graduate projects, and administer the 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 (21) semester credits of approved graduate work taken on the college campus is required.

Transfer of Credits
A maximum of nine (9) semester graduate credits taken at other institutions may be transferred for credit toward a Master's 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 College for application to a graduate degree. In general, the transfer of extension credits is discouraged. Exception may be made by departments after a detailed examination of the specific courses taken. No correspondence courses will be accepted for graduate credit. All appropriate graduate work taken through the Cooperative Graduate Center can be accepted as residence credit.

Time Limitations
All work offered toward a master's degree from Boise State College must be completed within a period of seven (7) calendar years. The seven (7) 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's degree program, and the interval must include the date of graduation when the master's degree from Boise State is given.

Foreign Language Requirements
Language requirements are determined by the
GRADUATE SCHOOL

department. 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 (3) weeks before commencement.

Candidacy

A student should apply for admission to candidacy and graduation as soon as he has completed twelve (12) 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 specified foreign language requirements.

Candidacy involves specifying — on the appropriate program development forms — the list of courses and projects which comprise the MBA or MA. This list, properly approved, constitutes the students program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's supervisory committee and approved by the Dean of the Graduate School.

Program Development Form

Graduate students in Regular 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 College, after having been notified of admission in Regular Status. With the word Regular changed to read Provisional, the above rule also applies verbatim to students notified of admission in Provisional Status.

This rule does not apply to students admitted in Unclassified Status, nor does it apply to Special Status Classification students (these are admitted only to Boise State College and not to the Graduate School).

The Program Development Form will be available from the schools offering graduate degree programs (Business and Education). The advisor or committee will file the Program Development Form 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 credit through the Cooperative Graduate Center 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 by completing and filing amended or new Program Development Forms as necessary.

The Program Development Form is to be used to effect a change of status from Provisional to Regular. That is, when a student is given Provisional Status the admission letter states what must be done to attain Regular Status. When this contract is completed, the student obtains Regular Status by completing a new (Regular Status) Program Development Form and filing it with his committee or advisor.

Final Examination Requirements

The requirement of a final examination, written, oral, or both, 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 BSC Bulletin Calendar. A student is not eligible to apply for the final examination until he has been admitted to candidacy.

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 must be conducted at least three weeks before commencement. On a final oral examination in defense of a thesis, 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 (Business or Education) 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 students are not required, at the present time, to take a predictive examination and consequently have no need to make application for taking the predictive examination.

Students wishing to pursue graduate study in Business Administration should contact the Office of the Dean, School of Business, Boise State College, to secure the forms necessary to make application for taking the predictive examination called the ATGSB. Every effort should be made to take the ATGSB as soon as possible because the students normally will not be given program status before the ATGSB results are reported. Courses taken before the student is admitted (i.e. "Special status" courses) will not necessarily be allowed toward the M.B.A., even if the student is admitted subsequently. Candidates for the M.B.A. are required to score at least 450 on the ATGSB before regular status can be obtained under program classification.
Credit Limitation in Courses Graded Pass or Fail and Independent Study
599—Conference and Workshop
A maximum of three (3) credits earned with a grade of P will be allowed toward the credit requirements for a master's degree at Boise State College.
596—Independent Study
Master's programs at Boise State College may include independent study credits, at the discretion of the graduate student's supervising committee or professor, through a limit of (9) semester hours, with no more than (6) credits in any one semester or session.

Elementary Education with Core Enrichment
This curriculum in Elementary Education with Core Enrichment is essentially the same as the curriculum in Elementary Education. The distinctive feature is that an approved program may be designed for specialization in a given departmental area such as art, humanities, mathematics, music, or science, to name just a few possibilities. Approved programs will include the basic elementary core of nine (9) semester hours and will allow no more than fifteen (15) of the remaining hours to be in any one departmental area. Various departments in The School of Arts and Sciences offer graduate courses designed especially for students in the Elementary Education programs.

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 (due to full-time day employment) may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule will not be granted by the Dean of the Graduate School without 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 and 400 level.

A department or school which uses g and G designations will use them to have the following significance:
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.

APPLICATION FOR GRADUATE DEGREE
The final step in completing a graduate program consists of paying the graduation fee ($5.15) at the College Union Bookstore. This fee includes the diploma and case, a wallet sized diploma copy and also covers the costs to Boise State of final record checking. To pay the fee, one completes the form entitled Application for Graduate Degree which can be obtained from the Admissions Office or from the Dean of Business or Education. Arrangements to order the cap and gown may be completed at the bookstore at the time of paying this fee.

College-Wide Graduate Course Numbering:
580-589 Selected Topics
590 Practicum
591 Research
592 Colloquium
593 Thesis
594 Extended Conference or Workshop (Graded A-F)
595 Reading and Conference
596 Independent Study
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 three (3) weeks or less.
### GRADUATE LEVEL COURSE OFFERINGS

<table>
<thead>
<tr>
<th>School of Arts and Sciences</th>
<th>School of Education</th>
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</thead>
<tbody>
<tr>
<td>AR 521 Teaching Through Experimental Art Media 03 credits</td>
<td>P 501 Counseling and Guidance in the Elementary Classroom 03 credits</td>
</tr>
<tr>
<td>AR 522 (Summer School Only)</td>
<td>P 502 Advanced Educational Psychology 03 credits</td>
</tr>
<tr>
<td>AR 598 Seminar in Art 03 credits</td>
<td>P 503 Individual Testing Practicum 03 credits</td>
</tr>
<tr>
<td>GO 511 Environmental Geology 03 credits</td>
<td>P 504 Analysis of the Individual 03 credits</td>
</tr>
<tr>
<td>GO 521 Advanced Topics in Earth Science for Elementary Teachers 03 credits</td>
<td>P 505 Personality Development 03 credits</td>
</tr>
<tr>
<td>GO 597 Independent Study and Research for Elementary Teachers 1-4 credits</td>
<td>TE 501 Advanced Practices and Principles in Teaching Reading 03 credits</td>
</tr>
<tr>
<td>GS 501 General Science for Elementary Teachers—History of Science Since 1500 03 credits</td>
<td>TE 502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) 03 credits</td>
</tr>
<tr>
<td>M 503 Algebraic Systems 03 credits</td>
<td>TE 503 Remediation of Reading Problems (Directed Experiences in the Reading Center) 03 credits</td>
</tr>
<tr>
<td>M 504 Geometric Concepts 03 credits</td>
<td>TE 504 Seminar in Reading Education 03 credits</td>
</tr>
<tr>
<td>M 561 Mathematics for Operations Research 04 credits</td>
<td>TE 505 Tests and Measurements 03 credits</td>
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<tr>
<td>MU 571 Advanced Practices and Principles in Teaching Music in the Elementary School 03 credits</td>
<td>TE 515 Development of Skills for Teaching Pupils with Learning Difficulties 03 credits</td>
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<td>MU 572 Listening and Singing Experiences for the Elementary School 03 credits</td>
<td>TE 516 Development of Skills for Teaching the Fast Learner 03 credits</td>
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<td>PS 501 Basic Physical Science for Elementary Teachers 03 credits</td>
<td>TE 517 Development of Skills for Teaching the Mentally Retarded 03 credits</td>
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<td>PS 501 Teaching Through Experimental Art Media 03 credits</td>
<td>TE 518 Techniques for Creative Writing in Elementary Schools</td>
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<td>School of Business</td>
<td>TE 519 Advanced Children’s Literature 03 credits</td>
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<td>MB 513 Business Policy Formulation 03 credits</td>
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<td>MB 520 Marketing Problems 03 credits</td>
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<td>MB 530 Financial Management 03 credits</td>
<td>TE 522 Individualization of Reading Instruction 03 credits</td>
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<td>MB 522 Accounting—Planning and Control 03 credits</td>
<td>TE 510 Advanced Practices and Principles in Teaching School Science 03 credits</td>
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<td>MB 540 Organization Theory 03 credits</td>
<td>TE 511 Advanced Practices and Principles in Teaching Elementary Mathematics 03 credits</td>
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<td>MB 541 Personnel Policy 03 credits</td>
<td>TE 512 Advanced Practices and Principles in Teaching Language Arts and Linguistics 03 credits</td>
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<td>MB 550 Managerial Economics 03 credits</td>
<td>TE 514 Advanced Practices and Principles in Teaching the Humanities 03 credits</td>
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<td>MB 580 Selected Topics—Accounting 03 credits</td>
<td>TE 570 Comprehensive Core for Elementary Education</td>
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<td>MB 581 Selected Topics—Information Systems 03 credits</td>
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<td>MB 583 Selected Topics—Finance 03 credits</td>
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<td>MB 584 Selected Topics—Industrial Psychology 03 credits</td>
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PART VIII

vocational technical school
Objectives of Vocational Education

To provide the opportunity for state and local citizens to acquire the education necessary:

(a) To become employed, to succeed, and to progress in a vocational-technical field.
(b) To meet the present and anticipated needs of the local, state, and national economy for vocational-technical employees.
(c) 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 industry.

Admissions Requirements:
Application materials may be obtained from the Director of Admissions Office, Boise State College.

(a) To fully matriculate a student must have on file in the Admissions Office: a completed application, $10 fee, physical exam, GATB test scores and an acceptance by a counselor.

(b) Educational Background: Request a transcript of High School credits and, if applicable, a transcript of College credits be sent by the institution(s) directly to the Director of Admissions.

(c) Aptitude Test: Contact the nearest local office of the Department of Employment and request a General Aptitude Test Battery to be taken and request that the office send the results directly to the Vocational-Technical School, Boise State College, Boise Idaho 83707.

The Differential Aptitude Test Battery (D.A.T.) score on the high school transcript may be substituted for the G.A.T.B.

(d) Personal Interview: A personal interview is required.

(e) High school graduation is recommended but is not required to enter a vocational or technical program, provided one has been out of high school one complete semester.
VOCATIONAL

Two Year Programs

HO HORTICULTURE SERVICE TECHNICIAN—CURRICULUM

(Landscape Construction and Maintenance)

The landscape construction and maintenance curriculum has for its objective the preparation of students for employment in the landscape, nursery and florist industries. This includes both the production, sales and service areas of these major fields. The training stresses the design of landscapes, their interpretation and construction including costs, but the production of nursery plants, plant propagation, the design of landscapes, and landscape planting is also covered. Graduates of the horticulture curriculum qualify for positions in nursery and floral establishments as well as in parks, grounds 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. Credits in this course of study are not counted towards an academic degree.

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<td>Industrial Psychology</td>
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<td>HO 271</td>
<td>Individual Project</td>
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<td>Credits and Collections</td>
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<td>Retail Selling</td>
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growth and development, (3) limiting factors, (4) soils. Second semester—developing comprehension of the scientific principles utilized in: developments which aid plant propagation, construction materials, insecticides, pesticides. Two clock hours per week.

151-152 Horticulture — 5 credits
First semester—developing comprehension, analysis, and evaluation of the following: (1) introduction into the field of horticulture, (2) plant classifications and growth, (3) climate and other growth limiting factors, (4) soil and soil amendments. Second semester—developing comprehension, analysis, and evaluation of the following: plant propagation (sexual); growing containers; insect and disease control. Seven clock hours per week.

201 Horticulture Laboratory — 5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete, block, brick, stone and wood structures, growing greenhouse crops, and basic first aid. 15 clock hours per week.

202 Horticulture Laboratory — 5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures, growing greenhouse crops, and basic first aid. 15 clock hours per week.

241 Related Science — 2 credits
Developing comprehension of the scientific principles utilized in: (1) plant growing and; (2) materials of construction.

242 Related Science — 2 credits
Developing comprehension of the scientific principles utilized in: (1) power equipment; (2) lawn and shrub maintenance; and (3) plant wounds.

251 Horticulture Theory — 5 credits
Developing comprehension, analysis, and evaluation of the following: (1) various types of construction common to plant growing i.e. greenhouses, cold frames, hot beds, lath houses, propagators, germinators, etc.; (2) materials of construction, i.e. concrete, mortar, block, brick, stone, wood, etc.; (3) greenhouse crops; (4) first aid. Seven clock hours per week.

252 Horticulture Theory — 5 credits
Developing comprehension, analysis and evaluation of the following: (1) power machines as used in horticulture, i.e. mowers, tillers, saws, shredders, aerifiers, sod cutters, pesticide applications, etc.; (2) turf, shrub, and tree management procedure; (3) prevention and treatment of plant wounds. Seven clock hours per week.

262 Industrial Psychology — 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

271 Individual Projects — 3 credits
Providing the opportunity for the student to apply all his prior education in planning, developing and completing a unique, practical horticulture project.

### MS MACHINE SHOP CURRICULUM

The machinist's course consists of shop work and related instruction in the use of hand and machine tools together with classroom instruction in problems and technical information related to the trade. Credits in this course of study are not counted toward an academic degree.

#### FRESHMAN YEAR:

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<td>MS 101, 102 Machine Shop Laboratory</td>
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<td>MS 131, 132 Related Basic Mathematics</td>
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<td>MS 151, 152 Related Theory</td>
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<td>MS 201, 202 Advanced Machine Shop Laboratory</td>
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<td>MS 231, 232 Related Advanced Mathematics</td>
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<td>MS 241 Machine Shop Science</td>
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<td>MS 251, 252 Related Advanced Theory</td>
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<td>MS 262 Industrial Psychology</td>
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<td><strong>Total</strong></td>
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101,102 Machine Shop Laboratory — 8 credits
The course covers safety, good shop practice, good work habits, and production rates. The set-up and operation of the lathes, milling machines, drill presses, shapers, power saws, grinders, bench work, layout, and the use of special attachments. Twenty laboratory hours per week each semester.

111, 112 Communication Skills — 3 credits.
This course is designed to develop five forms of communication skills: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week.

131, 132 Related Basic Mathematics — 2 credits
A study of fractions, decimals, ratio and proportion, and use of tables as applied to the machine shop. Also basic algebra, advanced algebra and geometry as applied to the machine shop. Three clock hours per week each semester.

151, 152 Related Theory — 3 credits
This course provides the knowledge necessary for the machinist student to understand the machining processes and their appreciation as practiced in the laboratory course. Safety and good shop policy are emphasized in all phases of instruction. The set-up, care and maintenance of the machine tools as well as the theory of measuring tools, speeds and feeds, metal cutting, selection of metals, tool design, coolants, allowance and tolerance, indexing, gearing, and production methods. Blueprint reading and sketching is also studied. Four lecture hours per week both semesters.
201, 202 Advanced Machine Shop Laboratory — 8 credits
The set-up and operation involving manipulative training and increased skill in the use of lathes, milling machines, drill presses, shapers, power saws, tools and cutter grinder, surface grinder, heat testing, hardens testings, layout, inspection, tracer lathe, and numerical control mill set-up, operation and programming. Twenty laboratory hours per week each semester. Prerequisite: Machine Shop Laboratory MS-102.

231, 232 Related Advanced Mathematics — 3 credits
A study of the trigonometry as applied to shop problems and the mathematics needed for numerical control machining. Three hours per week each semester. Prerequisite: Related Basic Mathematics MS-132.

241 Machine Shop Science — 2 credits
A study of the scientific principles required in the machinist trade. Three clock hours per week.

251, 252 Related Advanced Theory — 3 credits
Metals and their properties, alloys and their characteristics, production of metals, analysis of tool steels, heat treatment, hardness testing, inspection, jig and fixture design, and numerical control theory as related to the machine shop. A study of new trends of materials, equipment and techniques that are being developed in the machine industry. Four lecture hours per week each semester. Prerequisite: Related Theory MS-152.

262 Industrial Psychology — 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed. Two lecture hours per week.

OM OFFICE MACHINE REPAIR
—CURRICULUM

The course and outline in Office Machine Repair 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 contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. He will be trained in Basic Electronics, testing procedures, and maintenance techniques for manual, electric, and electronic business machines. This is a two-year course and credits are not counted toward an academic degree.

FRESHMAN YEAR:

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<td>OM-243-244</td>
<td>Adv. Digital Electronics</td>
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<td>Basic Machine Operation</td>
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OM OFFICE MACHINE REPAIR — Courses

101-102 Office Machine Repair Laboratory — 5-5 credits
First semester—The student is issued standard typewriters to be completely disassembled and reassembled. All adjustments are taught as well as the proper use of hand tools. Instructions are given on the process of chemical cleaning, oiling, and refinishing of platens. Second semester — The student is issued electric typewriters to be completely disassembled and reassembled. All adjustments are taught regarding the electric features of the machine. Special emphasis is placed on maintenance and cleaning of electric motors and the wiring schematic of the machine. The use of power tools and shop equipment is taught during this semester. 16 clock hours per week.

131-132 Related Electronic Mathematics — 3-3 credits

143-144 Related Electronics — 2-2 credits
First semester—The study of basic electricity as applied to office machines. Orientation, safety, color codes, tolerance, scientific notations. Units of measure in physics and electricity. Ohms Law, formulas and graphs. Volt meters

145-146 Related Electronics Lab — 2-2 credits
First Semester — Application of OM 143. soldering, desoldering, parts identification, construction of a multimeter, use of meters, oscilloscope, basic trouble shooting. Second semester application of OM 144. use of generators, recorders, special purpose test equipment, advanced trouble shooting. 5 clock hours.

151-152 Related Basic Theory — 3-3 credits
Study of mechanical theory of each machine being taught. Regulation factory manuals for office machines are used and the student is taught to read and understand the mechanical drawings, as well as the printed descriptions accompanying them. Five clock hours per week.

201-202 Office Machine Repair Laboratory — 5-5 credits
First semester—the student is issued adding machines to be completely disassembled and reassembled. All adjustments are taught as well as the use of special adding machine tools. Refinishing inside cases and the application of special paints is taught during this semester. Second semester—Each student is issued a calculating machine to be completely disassembled and reassembled. All adjustments are taught. Fifteen clock hours per week. Prerequisite: Office Machine Repair Laboratory OM-102.

241-242 Related Electronics Science — 3-2 credits
Basic physics as it applies to the electronic technician's needs. This course deals with mechanics, heat, sound, and light. Prerequisite: Electronics Science, OM 145-146. Five clock hours per week.

243-244 Advanced Digital Electronics — 2-2 credits

251-252 Related Advanced Theory — 3-3 credits
First semester—Study of mechanical theory of each machine being taught. Regulation factory manuals for adding machines are used. Special emphasis is placed on the mechanical principles which cause the adding machine to add, subtract, repeat, non-add and non-print, carry-over and credit balance. Second semester—Regulation factory manuals for calculating machines are used. The numerous mechanical methods of machine calculations are studied during this semester with special emphasis being placed on positive and negative multiplications, positive and negative division, automatic multiplication, accumulation, squaring and short-cut methods. Five clock hours per week each semester. Prerequisite: Related Basic Theory OM-152.

262 Industrial Psychology — 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

271-272 Basic Machine Operations — 1-1 credits
An introduction is given to the numerous mechanical and mathematical methods used in machine calculations covering basic applied principles. One clock hour per week.

W WELDING — CURRICULUM
The welding curriculum is designed to provide two levels of training. The first year will provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

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VOCATIONAL TECHNICAL SCHOOL
Child Care

TECHNICAL

Two Year Programs

CHILD CARE STUDIES (Supervisor)

This curriculum is planned for people interested in working as a supervisor in private day care centers, play grounds, camps, nurseries, kindergartens, and child development centers.

Day Care Supervisor (18 Month Program)

The graduate will 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.

CC CHILD CARE — Courses

141 Introduction to the Young Child and His World — 3 credits
   A beginning study of child development as it pertains to the pre-school child. A study of the types of centers and schools suitable for young children and of the types of methods which are used with these young children.

151 The Health and Care of the Young Child I — 3 credits
   Basic nutrition and feeding of children as well as general health and safety education will be covered. Emphasis will be placed on providing a safe, healthful and pleasant life for children.

121 The Curriculum of the Young Child I: Experience with Living Things — 2 credits
   Introduction to the various science media suitable for use with young children; this course will include books, stories, music, art, literature, rhythms, dramatic play, experiments and field trips available.

111 Communication Skills I, II — 3 credits
   This course will cover the five forms of communication skills: observing, listening, reading, writing, and speaking. Emphasis will be placed on skills which will actually be used by the student in a school situation.

101-102 Supervised Student Experiences I, II — 5 credits per semester
   Observation and participating in a child center under supervision of a qualified instructor. Three hours daily will be devoted to laboratory participation, observation, and field trips.

152 The Young Child and His World, II — 3 credits
   A continuation of the Introduction to the Young Child and His World. Attention will be given to individual differences, and how to handle them as well as to some child psychology.

262 Industrial Psychology and Job Ethics — 3 credits
   Methods of understanding one's self as well as others. A study of interpersonal relations as they pertain to business and industry and some techniques which will be useful to the worker in America.

122 The Curriculum of the Young Child II: The Child Centered, Society Centered, Subject Matter Centered Curriculum — 6 credits
   A continuation of Curriculum of the Young Child I. This course will stress creativity with special emphasis of the motor development of the young child. Music, art, literature, and symbolic media will be stressed.

241 Feeding Children — 3 credits
   The course is designed to help the student plan and prepare nutritious breakfasts, snacks and lunches for a child day care center.

251 Advanced Child Care — 5 credits
   A course designed to further student's understanding of the physical, social, emotional and mental development of children from school age to adolescence. (Guidance techniques in handling problems and the dynamics of behavior are considered.)
PT PRE-TECHNICAL — Courses

010 Blueprint Reading and Basic Mechanical Drawing — 4 credit equiv.
An introductory course in blueprint reading, sketching and drafting methods and procedures. 14 hours per week-lecture/lab.

020 Introduction to Technical Communications — 3 credit equiv.
A survey course of communication systems, use of technical libraries, forms, reports and technical language, word usage, spelling and proper form emphasized. 3 hours per week-lecture.

030 Introduction to Technical Mathematics — 4 credits equiv.
Survey and review of mathematic principles and methods. Uses of mathematics in technical fields with practical examples of application. 5 hours per week-lecture.

040 Science Survey — 4 credit equiv.
Review of science as related to technical industry with practical problems and applied solutions. 5 hours per week-lecture.

050 Technical Orientation — 1 credit equiv.
A survey course of the technical industry with several field trips and visits from representatives from various concerns that employ technicians. 3 hours per week-lecture.

DRAFTING TECHNOLOGY CURRICULUM

This curriculum is organized to provide engineering departments, government agencies, consulting engineers and architectural firms with a technician well trained in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in firms or agencies that employ draftsmen. Credits in this course of study are not counted toward an academic degree. Drafting Technology curriculum is open to both male and female students. All courses are taught each semester, so that students may enter at the beginning of any regular semester.

SUBJECT — FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
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<tbody>
<tr>
<td>DT-101-102 Drafting Lab and Lecture</td>
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<tr>
<td>DT-111-112 Communication Skills</td>
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<tr>
<td>DT-121 Slide Rule</td>
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<tr>
<td>DT-122 Introduction to Surveying</td>
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<tr>
<td>DT-131-132 Mathematics</td>
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<tr>
<td>DT-141-142 Applied Physics</td>
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<tr>
<td>DT-151 Design Orientation</td>
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SOPHOMORE YEAR:

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<tr>
<td>DT-201-202 Drafting Lab and Lecture</td>
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<tr>
<td>DT-221 Descriptive Geometry and Developments</td>
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<td>DT-222 Technical Report Writing</td>
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<td>DT-231-232 Applied Mathematics</td>
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<td>DT-241 Statics</td>
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<td>DT-242 Strength of Materials</td>
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<td>DT-251 Manufacturing Processes</td>
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<td>DT-252 Intro. to Computer Programming</td>
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<td>DT-261 Special Projects and Reports</td>
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<td>DT-262 Industrial Psychology</td>
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DT DRAFTING TECHNOLOGY — Courses

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<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
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<tbody>
<tr>
<td>101 Drafting Laboratory and Lecture — 4 credits</td>
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<tr>
<td>General orientation in use and care of equipment, lettering, drawing layout, mechanical drawing, use of standards and manufacturer's catalogs. 15 clock hours per week.</td>
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</tr>
<tr>
<td>102 Drafting Laboratory and Lecture — 4 credits</td>
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</tr>
<tr>
<td>Architectural drafting with instruction in use of standards, specifications, and building codes; perspective and rendering. Prerequisite DT-101. 15 clock hours per week.</td>
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<tr>
<td>111-112 Communication Skills — 3 - 3 credits</td>
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<tr>
<td>This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week each semester.</td>
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</tr>
<tr>
<td>121 Slide Rule — 1 credit</td>
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<tr>
<td>Manipulation of slide rule to obtain mathematical proficiency, multiplication and division with application, proportion, principle, squares, square roots, cubes, cube roots and combined operations. Two clock hours per week.</td>
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<tr>
<td>122 Surveying — 3 credits</td>
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<tr>
<td>Introduction to surveying, methods and computation. Required field work, with emphasis on compiling data and office computation. 4 clock hours per week. Prerequisite or corequisite with DT 132.</td>
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<tr>
<td>131 Mathematics — 3 credits</td>
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<tr>
<td>Fundamentals of basic mathematics, algebraic computations, and their application to problems likely to be encountered by the draftsman. Four clock hours per week.</td>
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<tr>
<td>132 Mathematics — 3 credits</td>
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<tr>
<td>Basic trigonometric functions, right triangles, oblique triangles and vectors. The course is closely integrated with the topics studied in science and drafting. Prerequisite DT-131. Four clock hours per week.</td>
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</tr>
<tr>
<td>141 Applied Physics — 3 credits</td>
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<tr>
<td>A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to fluids.</td>
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<tr>
<td>142 Applied Physics — 3 credits</td>
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<tr>
<td>Course in the basic principles of heat, sound, light, electricity, and magnetism, correlated with technical mathematics DT-132. Four clock hours per week. Prerequisite: DT-141.</td>
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<tr>
<td>151 Design Orientation — 2 credits</td>
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<tr>
<td>A lecture-laboratory course designed to provide an opportunity for the student to apply theory, principles and methods to the solution of problems typical of those to be encountered in practice. Two clock hours per week.</td>
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<tr>
<td>201 Drafting Laboratory and Lecture — 4 credits</td>
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<tr>
<td>Civil drafting, mapping, highway curves, and earthwork. 15 clock hours per week. Prerequisite: DT 122, DT 132, DT 102.</td>
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</tr>
<tr>
<td>202 Drafting Laboratory and Lecture — 4 credits</td>
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<tr>
<td>Structural drafting terminology, structural and reinforcing steel specifications and drawing practice. Prerequisite: DT 201, DT 221. 15 clock hours per week.</td>
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<tr>
<td>221 Descriptive Geometry and Development — 3 credits</td>
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<tr>
<td>Theory and practice of coordinate projection applied to the solution of properties of points, lines, planes and solids with practical drafting application. Four clock hours per week.</td>
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</tr>
<tr>
<td>231 Applied Mathematics — 3 credits</td>
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<tr>
<td>Solution of practical problems involving concepts from DT 131 and DT 132 Math. Prerequisite: DT 132. Four clock hours per week.</td>
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</table>

ET ELECTRONICS — CURRICULUM

Electronics technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in research and development.

Credits in these courses of study are not counted toward an academic degree. The Electronics curricula is open to both men and women students.

FRESHMAN YEAR:

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<td>ET-111</td>
<td>Communication Skills</td>
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<tr>
<td>ET-131</td>
<td>Basic Electronics Math</td>
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<td>ET-141</td>
<td>Electronics Science</td>
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<td>ET-171</td>
<td>Circuit Analysis</td>
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SOPHOMORE YEAR:

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<td>Advanced Electronics Lab</td>
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<td>ET-231</td>
<td>Advanced Electronics Math</td>
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<tr>
<td>ET-241</td>
<td>Advanced Electronics Science</td>
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<tr>
<td>ET-251</td>
<td>Advanced Electronics Theory</td>
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<tr>
<td>ET-262</td>
<td>Industrial Psychology</td>
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</table>

151
VOCATIONAL TECHNICAL SCHOOL

Food Services

ET ELECTRONICS — Courses

101 Electronics Laboratory and Lecture — 5 credits
Study of basic electricity, color code, test equipment, L.C.R. components, basic vacuum tubes and transistors. Logic circuits as applied to data handling equipment. Five hours lecture and ten hours laboratory per week.

102 Electronics Laboratory and Lecture — 5 credits
A continuation of ET-101. Basic radio receiver and transmitter analysis, and basic transistors, printed circuit design and processing. Prerequisite: Electronics Laboratory and Lecture ET-101. Five hours of lecture and ten hours laboratory.

111-112 Communication Skills — 3-3 credits
This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester.

Three clock hours per week.

131-132 Basic Electronics Mathematics — 4-4 credits
First semester—Review of basic fundamentals of mathematics, slide rule, algebra, geometry, and basic trigonometry. Second semester—A continuation of first semester, logarithmics, slide rule, and an introduction to analytical geometry. Five clock hours per week.

141-142 Electronics Science — 1-1 credits
Designed to instruct the student in practice of drawing schematics, develop good electrical engineering lettering techniques, and understanding symbols, dimensions and designs. Second semester deals with engineering graphs, and printed circuit design. Two clock hours per week.

171-172 Circuit Analysis — 3 credits
The study of basic electricity and basic electronics with the emphasis on system and data flow. These two courses stress the analyzing of circuits the student has never seen before and the technical report writing necessary to convey these analysis to prose. Five clock hours.

201-202 Advanced Electronics Laboratory — 5-5 credits
First semester—Consists of practice on F.M. and T.V. receivers, scopes, pulse network, alignment of T.V. and F.M. circuits, pulse differentiating and integrating circuits, antenna and transmission lines. Second semester—Industrial electronics, computers, transistors, and a continuation of first semester studies. Prerequisite: Electronics Laboratory and Lecture ET-102. Fifteen clock hours per week.

231-232 Advanced Electronics Mathematics — 3-3 credits
The student will be concerned with advanced trigonometry, analytical geometry, and introduction to calculus. Prerequisite: Basic Electronics Mathematics ET-132. Five clock hours per week.

241-242 Advanced Electronics Science — 4-4 credits
Basic physics as it applies to the electronic technician's needs. This course deals with mechanics, heat, sound, and light. Prerequisite: Electronics Science ET-142. Five clock hours per week.

251-252 Advanced Electronics Theory — 2-4 credits
Fall semester—Covers the fundamentals, of broadband amplifiers, pulse network and techniques, pickup devices, deflection circuits, synchronization circuits A.M. and F.M. and T.V. equipment. Spring semester—Covers the theory and design of computers, thyristors, transistors, servo and synchro principles. Three clock hours per week Fall and five clock hours per week Spring.

262 Industrial Psychology — 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

FT FOOD SERVICE TECHNOLOGY

— CURRICULUM

COURSE NO. AND TITLE FIRST SEMESTER CREDITS
FT-151 Food Theory .......................... 5
FT-111 Communicative Skills ................. 2
FT-131 Basic Mathematics ...................... 2
FT-101 Dining Room Laboratory ................ 6
FT-262 Industrial Psychology ................. 1

SECOND SEMESTER
FT-141 Basic Nutrition ........................ 2
FT-152 Menu Planning .......................... 2
FT-132 Kitchen Mathematics .................... 3
FT-121 Purchasing ................................ 3
FT-102 Food Preparation Laboratory .......... 6

THIRD SEMESTER
FT-231 Restaurant Accounting .................. 3
FT-221 Catering .................................. 3
FT-201 Baking ..................................... 3
FT-202 Restaurant Management ................ 5
FT-241 Specialty Cooking ....................... 2

FOURTH SEMESTER
FT-203 Field Work ................................ 14
FT-222 Seminar .................................... 2

FT FOOD SERVICE TECHNOLOGY — Courses

101 Dining Room Laboratory — 6 credits
This course covers the practical side of handling prepared food, bus and set tables, wait on tables, dining room etiquette, dishwashing room and cashing. We concentrate on a certain job if student desires one aspect only, such as dishwashing. This course also familiarizes the students with general safety and sanitation rules pertaining to the entire restaurant as those specifically required to use and maintain the equipment in both the dining room and kitchen. Fifteen clock hours per week.

121 Purchasing — 3 credits
The practices of food purchasing, both theory and practical application. Includes storage and handling as well as food standards. This covers proper store room procedures, issuing, and record keeping dealing with vendors and salesmen, and product cutting and testing. Three clock hours per week.

221 Catering — 3 credits
Practical approach to catering food service banquet, covering theory in personnel duties, guarantees, menu pricing, function room profits, forms and controls. Three clock hours per week.
201 Baking Laboratory and Theory — 3 credits
Procedure and formulas used in industry bake shops. Preparation of bakery goods used at Boise Interagency Fire Center mess hall, including: dinner rolls, muffins, Danish pastry, sweet breads, cakes, dessert items both plain and fancy. Six clock hours per week.

202 Restaurant Management — 5 credits
Students are taught the management phase in both the front and back of the house by acting as student chef, purchasing manager, dining room manager and other supervisory jobs for the Boise Interagency Fire Center mess hall. Sixteen clock hours per week.

161 Food Theory — 5 credits
This class is to develop an understanding of the basic principles of cookery; skill and efficiency in preparation of foods; an appreciation of high standards of production, efficient use of time and attractive sanitary service of foods; an appreciation for the care and safe use of utensils and equipment; harmonious and cooperative working habits; and to introduce the student to the use of large quantity equipment and to develop an understanding of the basic principles of cookery and also to gain knowledge of foods and their uses. Ten clock hours per week.

102 Food Preparation Laboratory — 6 credits
This course is designed to correlate the theory of departmental courses with actual large quantity food service practice in situations such as would be found in the food service industry. Twenty clock hours per week.

241 Specialty Cooking Subjects — 2 credits
This includes fine pastry and sugar work, ice carving, layout and interiors, wine course, and marketing. Two clock hours per week.

203 Field Work — 14 credits
Student is placed in restaurant under supervision of Chef. First to observe, then help, and finally do the production job while their paid employee observes. He does every position in the kitchen and/or dining room. Twenty-eight clock hours per week.

222 Seminar — 2 credits
Two clock hours per week.

RELATED SKILLS COURSES

111 Communicative Skills — 2 credits
This course is designed to develop five forms of communication skills: observing, listening, reading, writing and speaking. Memory and study improvement, work analysis, spelling and technical vocabulary, grammatical and logic forms public and conversational speaking, business, report and technical writing are stressed. Two clock hours per week.

262 Industrial Psychology — 1 credit
Methods of understanding self and others. Solution of interpersonal problems in the Hospitality industry. Understanding the interdependency of Chain of Command. Techniques necessary to obtain employment. One clock hour per week.

131 Basic Mathematics — 2 credits
Fundamentals of basic mathematics, fractions, decimals, percents as used in the Hospitality industry. Two clock hours per week.

132 Kitchen Mathematics — 3 credits
A review of fundamental mathematical operations used in a food establishment. Converting and costing standard formulas, baker's scale drill, guest checks, weights and measurements, and business forms. Three clock hours per week.

231 Restaurant Accounting — 3 credits
A study of the function of the profit and loss statement through the use of the balance sheet, income statement, payroll reports, sales income, time cards, records, reports, Federal, State and Social Security taxes, paychecks and figuring percentage of sales. Three clock hours per week.

141 Basic Nutrition and Diet Therapy — 2 credits
Study of fundamentals of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

152 Menu Planning — 2 credits
The characteristics of a good menu, types of menus, the relationship between menu planning and personnel and equipment, sales history and production sheets will be studied to aid the student in writing successful menus. Two clock hours per week.
### MM FASHION MERCHANDISING — MID-MANAGEMENT CURRICULUM

#### FRESHMAN YEAR:

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<tr>
<td>Introduction to Business</td>
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<td>Salesmanship</td>
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<td>Clothing</td>
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<tr>
<td>Business Math/Machines</td>
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<td>Clothing Selection</td>
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<tr>
<td>Textiles</td>
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<tr>
<td>Elements of Management</td>
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<tr>
<td>Principles of Accounting</td>
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<tr>
<td>Mid-Management Work Experience</td>
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<td>Fashion Analysis and Design</td>
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<td>Professional Speech Communication</td>
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<td>Retail Buying</td>
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<tr>
<td>Mid-Management Work Experience</td>
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<tr>
<td>Report Writing</td>
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<td>Principles of Retailing</td>
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<tr>
<td>Visual Merchandising</td>
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<td>Supervision of Personnel</td>
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### MM MARKETING — MID-MANAGEMENT — CURRICULUM

#### FRESHMAN YEAR:

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<tr>
<td>Introduction to Business</td>
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<tr>
<td>Business Mathematics/Machines</td>
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<tr>
<td>Salesmanship</td>
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<td>Principles of Accounting</td>
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<tr>
<td>Merchandise Analysis</td>
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<tr>
<td>Mid-Management Work Experience</td>
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<td>2</td>
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<tr>
<td>Elements of Management</td>
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<td>Professional Speech Communication</td>
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<tbody>
<tr>
<td>Introduction to Marketing</td>
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<td>3</td>
</tr>
<tr>
<td>Principles of Retailing</td>
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<td>Principles of Economics</td>
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<td>Visual Merchandising</td>
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<tr>
<td>Report Writing</td>
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<td>Supervision of Personnel</td>
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<td>Retail Buying</td>
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<td>Credit and Collections</td>
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<td>Mid-Management Work Experience</td>
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### MM MARKETING, MID-MANAGEMENT — Courses

Course offerings are described in Part IV.
The Auto Body curriculum 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. Some 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, and to spend time in the parts and tool room. This training 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.

AB AUTO BODY — CURRICULUM
11 Month Program

<table>
<thead>
<tr>
<th>SUBJECT COURSE NO. AND TITLE</th>
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<td>AB-121-122-123 Auto Body Lab</td>
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<td>AB-141-142-143 Auto Body Theory</td>
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<td>AB-262 Industrial Psychology</td>
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AB AUTO BODY — Courses

121-122-123 Auto Body Laboratory — 10-10-7 credits
The purpose of these courses is to develop and give practice in the skills needed by an auto body repairman. Subjects covered include the following: orientation, safety rules, shop house-keeping, oxy-acetylene welding, painting fundamentals, metal working and shrinking, plastic and lead body filling, advanced painting processes, frame alignment, glass and panel replacement. 25 hours laboratory per week.

141-142-143 Auto Body Theory — 7-5-5 credits
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 taught. 10 hours lecture summer and fall, 8 hours lecture spring per week.

262 Industrial Psychology — 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed.

AM AUTO MECHANICS — CURRICULUM
11 Month Program

The modern developments in our enormous automotive industry demand the employment of highly skilled mechanics, well-trained in maintenance and repair techniques. This course provides the basic background and experience necessary for employment in the automotive mechanics field and allied vocations. Credit in this course of study are not counted toward an academic degree.

<table>
<thead>
<tr>
<th>SUBJECT COURSE NO. AND TITLE</th>
<th>FALL</th>
<th>SPRING</th>
<th>SUMMER</th>
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<tbody>
<tr>
<td>AM-101-102-103 Automobile Lab</td>
<td>10</td>
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<tr>
<td>AM-151-151-153 Automotive Theory</td>
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<td>5</td>
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<tr>
<td>AM-262 Industrial Psychology</td>
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</tr>
</tbody>
</table>

AM AUTO MECHANICS — Courses

101 Automotive Laboratory — 10 credits
This course correlates with the Automotive Theory course No. 151. In this phase of the automotive course the student is instructed in the overhauling and repairing of the engine and all internal parts. The fuel system and carburetion are covered as well as the ignition system. This phase of the training is on live work which gives the student the advantage of learning under actual working conditions they will encounter in the field. Checking and repairing steering suspension, and wheel alignment is also included. Shop safety, cleanliness, and management are taught 25 hours per week.

102 Automotive Laboratory — 10 credits
This course correlates with Automotive Theory AM 152. It is designed to train students in testing and repairing all electrical systems. This includes step by step procedure in automotive tune-up test equipment. This phase of training is mostly live work. 25 hours per week.

103 Automotive Laboratory — 7 credits
This course correlates with Automotive Theory course AM 153. Shop practice in automobile powertrains and brake systems. Includes garage practices, experiments, troubleshooting, proper diagnosis and repair of units in the shop on mockup units and live work on automobiles. Includes practice, care and safety of special equipment, machines and service tools. Shop safety, cleanliness and management are covered. 25 hours per week.

151 Automotive Theory — 7 credits
The theory of the design, construction, maintenance and repair of automotive engines and fuel systems are studied in detail through the use of textbooks, manuals, visual aids, and lectures. 10 hours per week Spring and Summer, 8 hours per week Fall.
VOCATIONAL TECHNICAL SCHOOL
Child Care, Dental Assisting

152 Automotive Theory — 5 credits
This course relates the construction and operation of each of the subjects given in the laboratory course AM 102. 10 hours per week Spring and Summer, 8 hours per week Fall.

153 Automotive Theory — 5 credits
Classroom study of the theory of the design, construction purpose and repair of the powertrain and brake systems by discussion, lecture, textbooks, visual aids and manufacturers' manuals and pamphlets. 10 hours lecture Summer and Spring, 8 hours lecture Fall per week.

262 Industrial Psychology — 2 credits
This course is designed to develop those human relationship skills the student will need at work. Relationship situations of office and shop are simulated, enacted, discussed, and solved practically through group interaction. Understanding of self and others is sought. Career planning and techniques necessary to obtain employment are stressed. Fall only.

CHILD CARE STUDIES (Assistant)

9 Month Program
This curriculum is planned for people interested in working with children as an assistant in private, play grounds, camps, day care centers, nurseries, kindergartens, and child development centers.

Child Care Assistant (9 Month Program)
The graduate will be able to function effectively under supervision in caring for children's normal physical, emotional and social needs in group care centers, children's homes, hospitals, nurseries, and industry. This 9 month course will provide study of child growth, ways of working with children - infants, toddlers, and school age children and laboratory experience in a nursery school setting.

Entrance Requirements
Personal interest, interview, and aptitude testing.

DAY CARE ASSISTANT

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td>CC-141 Introduction to the young Child and his World</td>
<td>3</td>
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<tr>
<td>CC-151 Health and Care of the Young Child I</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>CC-121 Curriculum of the Young Child</td>
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<td>—</td>
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<tr>
<td>CC-111 Communication Skills</td>
<td>3</td>
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<tr>
<td>CC-101-102 Supervised Student Experiences I, II</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>CC-152 The Young Child and His World</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>CC-262 Industrial Psychology and Job Ethics</td>
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<tr>
<td>CC-122 The Curriculum of the Young Child II</td>
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<tr>
<td>CC-262 Industrial Psychology</td>
<td>3</td>
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<tr>
<td>PE-105 First Aid (Elective)</td>
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</tbody>
</table>

18 16

DA DENTAL ASSISTANT—CURRICULUM

9 Month Program
The Dental Assisting Program consists of Dental Assistant Theory, Dental Laboratory instruction and Clinical Experience. Boise State College 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, acceptable grades on the G.A.T.B., personal interview and aptitude testing. The dental assistance courses are taught by a dentist and a dental assistant instructor.

This is an accredited program by the Council of Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of the course.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>FALL</th>
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<tbody>
<tr>
<td>DA-101-102 Dental Laboratory</td>
<td>4</td>
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<tr>
<td>DA-106 Dental Assisting Clinical Experience</td>
<td>—</td>
<td>3</td>
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<tr>
<td>DA-108 Dental Office Management</td>
<td>2</td>
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<tr>
<td>DA-109 Public Health and Dental Hygiene</td>
<td>2</td>
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<tr>
<td>DA-111-112 Communication Skills</td>
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<tr>
<td>DA-151-152 Dental Theory</td>
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<td>3</td>
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<tr>
<td>DA-262 Industrial Psychology</td>
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<tr>
<td>SP-111 Fundamentals of Speech</td>
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</tbody>
</table>

18 16

DA DENTAL ASSISTING — Courses

101-102 Dental Laboratory — 4.3 credits
This course consists of practical laboratory training in manipulation of dental materials, instrumentation, sterilizing and care, pouring and trimming study models, custom trays, investing and casting, use of equipment and safety, and exposing and processing dental X-rays. Taken concurrently with DA 151-152. Fourteen clock hours per fall semester. Six clock hours spring semester.

106 Dental Assisting Clinical Experience — 3 credits
Supervised chairside assisting experience in the private dental offices and hospital dental clinics. Sixteen clock hours per week.

108 Dental Office Management — 2 credits
The fundamentals of business practices as related to dentistry including bookkeeping, appointment control, supply control, business correspondence, as well as credit and collection procedures. Two clock hours per week.

109 Public Health and Dental Hygiene — 2 credits
This course deals with phases of health in which the student can aid in conserving the general and dental health of herself, her family and the community. It is concerned with such subjects as Federal and State Health Departments, preventive dentistry, communicable disease, degenerative disease, diet and nutrition, mental health and general health information. Two clock hours per week.

Child Care Studies (Assistant courses are described under Vocational Two-Year Programs.

156
111-112 Communication Skills — 3 credits
This course is designed to develop five forms of communication skills: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week.

151-152 Dental Theory — 4.3 credits
Comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time in ethics, professional relationships, patient education, dental anatomy, terminology, charting, related sciences, and dental specialty fields. Taken concurrently with DA 101-102. Seven clock hours per week Fall semester, six clock hours per week Spring semester.

262 Industrial Psychology — 2 credits
An analysis of human types and behavior of concern to the student and problems peculiar to dentistry: securing a position, dealing with child and adult patients, engaging in business and in service capacity, managing an office, and developing the professional image of the dental assistant. Selected problem situations are simulated, enacted, discussed and solved practically through group interaction. Two clock hours per week.

OR OPERATING ROOM TECHNOLOGY

9 Month Program

The Operating Room Technology Program, in cooperation with St. Alphonsus Hospital is approximately nine months in length and consists of daily practice in surgery and classroom instruction. A certificate will be awarded upon graduation from the course. Students are then eligible to take a certifying exam, which if passed, qualifies them as Certified Operating Room Technicians recognized by the Association of Operating Room Technicians and the Association of Operating Room Nurses and the American College of Surgeons.

Admission:
Entrance requirements: High School graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery. These tests are given at the Department of Employment and Boise State College respectively. A complete medical and dental examination is required. A personal interview with the instructor is necessary before admission. An advisory board recommends dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in basic sciences of anatomy and physiology, microbiology, sterilization, aseptic technique, instruction in the needs of humans in surgery, with emphasis on the operating room technicians' part in meeting these needs.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery. Students are taken on field trips to specific health agencies in the community.

PC PARTS COUNTERMAN

9 Month Program

The Counterman Program is designed to familiarize the student with all phases of the Automotive parts business. A study of index systems, types of invoices, customer relations, refunding, refunding procedures and warranty adjustments will be covered. Emphasis and training on the use of catalogs, price sheets, and other related forms used in the parts industry is considered.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>FALL Credits</th>
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<tr>
<td>PC-101-102</td>
<td>Parts Counterman Lab</td>
<td>10</td>
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<tr>
<td>PC-151-152</td>
<td>Parts Counterman Theory</td>
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<td>PC-131</td>
<td>Related Basic Mathematics</td>
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<tr>
<td>PC-262</td>
<td>Industrial Psychology</td>
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17 17

PC PARTS COUNTERMAN — Courses

101-102 Automotive Parts Laboratory — 10 - 10 credits
In the laboratory experience, the student will gain full understanding of the organization of a parts store. A "mock store" is established and operated on campus in conjunction with the Automotive Mechanics and Auto Body Programs. The Lab experience includes training for each particular type of dealership and jobber operation.

151-152 Automotive Parts Theory — 5 - 5 credits
Through the use of catalogs, manuals, visual aids and class lectures, theory and application of procedures are studied. New methods such as microfilm readers are used in the theory portion of the class.

131 Related Basic Mathematics — 2 credits
Basic arithmetic and a study of fractions, decimals and percentages are covered. Micrometer readings to ten thousandths of an inch are taught. The different types of discounting are fully covered.

262 Industrial Psychology — 2 credits
This course is designed to develop skills in human relationships that will be helpful to the student when he enters the employment situation. Understanding of self and others is sought.

PN PRACTICAL NURSING PROGRAM

12 Month Program

The practical nursing program, in cooperation with three hospitals, two nursing homes, the Idaho State School and Hospital and the State Board for Vocational Education, is approximately one calendar year in length and consists of daily hospital 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 as Licensed Practical Nurses.

Admission:
Entrance requirements: High school graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery and the P.A.C.E., which are given by the Department of Employment and Boise State College
respective. A complete medical and dental examination is required. The Practical Nursing Advisory Committee recommends to the director candidates for the program after a personal interview. They also recommend dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in the needs of humans 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, caring for sick children, new mothers and infants. Students are taken on field trips to specific health agencies in the community.

Contact Counselor, Vocational Technical Division, Boise State College, Boise, Idaho 83707, for further information and application forms.

**W BASIC WELDING—CURRICULUM**

**9 Month Program**

The welding curriculum is designed to provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
<th>CREDITS</th>
<th>FALL</th>
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<tr>
<td>W 101-102 Welding Lab</td>
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<tr>
<td>W 111 Communication Skills</td>
<td>3</td>
<td></td>
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<tr>
<td>W 131-132 Related Basic Math</td>
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<tr>
<td>W 151-152 Welding Theory</td>
<td>2</td>
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<td>W 262 Industrial Psychology</td>
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</table>

**W BASIC WELDING — Courses**

Basic Welding courses are described under Vocational Two-Year Programs. See page

**PRE-VOCATIONAL TRAINING**

Pre-vocational education for vocational students or adults who have not completed high school is offered through the Vocational Technical Division. The courses include adult basic education, preparation for the high school equivalency certificate, adult guided studies, and approved high school courses in American Government, Mathematics, English, Social Studies and Natural Science. Classes are determined according to individual needs of the students. Classes are approved by the State of Idaho and for veterans qualifying under Chapter 34, Title 38, U.S.C. (Var 14253 A2).

A special guided studies program for adults has been developed to help upgrade skills, to help adults prepare for better jobs and to prepare for or further vocational training.

**PATROLMAN (Government Service)**

Under the Manpower Development Training Act this course is carried on at the Mountain Home Air Force Base. It is limited to servicemen about to be discharged. Selection of students is made by the Department of Employment.

Instruction is conducted by persons trained in police work. The basic fundamentals of police duties and functions are covered by the course.

**APPRENTICESHIP AND TRADE EXTENSION**

Through cooperative arrangements with the State Board for Vocational Education, Boise State College Vocational Technical Division sponsors a wide range of trade extension training 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, though not invariably, such courses provide related technical training for those workmen receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automotives, Nursing and Farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State College Division of Vocational-Technical Education.

**ADULT BASIC EDUCATION — No Credit**

This program offers classes in basic arithmetic, reading, English and speaking skills for people who are performing below a twelfth grade academic level. Preparation for United States citizenship, beginning reading for adults, and English as a second language for non-English speaking people are offered through the Adult Education Program.

**HIGH SCHOOL EQUIVALENCY (GED PREPARATION) — No Credit**

The High School Equivalency Program is a course designed for people who are performing below a twelfth grade academic level. This program is designed to help people prepare for their high school Equivalency Test (GED).
Boise State College Full-Time Faculty

January, 1973
(The date in parentheses is the year of first appointment)

A

DOROTHY ALBERTSON, Associate Professor of Office Administration ........................................... (1953)
B.S. (Ed.), University of Nebraska; M.A., College of Idaho; State University College of Plattsburg, New York; University of Idaho; University of Denver.

JOHN W. ALLEN, Instructor in Physics ..................... (1971)
B.A., Willamette University; M.A., Harvard University

ROGER H. ALLEN, Assistant Professor of Business Administration .................................................. (1966)
A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.

THELMIA F. ALLISON, Associate Professor of Home Economics; Chairman, Department of Home Economics ............................................. (1946)
B.S. (H.Ed.), Utah State Agricultural College; University of Utah; Brigham Young University; M.S. (H.Ed.Ed.), Utah State University; Carbon College; Oregon State University; Arizona State University.

ROBERT MELVIN ANDERSON, Assistant Professor of Mathematics ...................................................... (1970)
B.S., Utah State University; Ph.D., Michigan State University.

DAVID C. ANDRESEN, Instructor, Acquisitions Librarian (1971)
B.A., M.A., M.L.S., University of Washington

E. BARRY ASMUS, Assistant Professor of Economics ................................................................. (1971)
B.S., M.S., Colorado State University; Ph.D., Montana State University.

WYLLA BARSNESS, Associate Professor of Psychology ................................................................. (1968)
A.B., William Jewell College; M.S., Montana State University; Ph.D., University of Minnesota.

KATHRYN I. BECK, Assistant Professor of Social Work ................................................................. (1972)
B.A., Washington State University; M.S.W., Florida State University.

JOHN L. BEITIA, Associate Professor of Education ................................................................. (1970)
A.A., Boise Junior College; B.S., North Dakota State College; M.A., Idaho State University; Ed.D., Utah State University.

H. WILLIAM BELKNAP, Assistant Professor of Biology ................................................................. (1959)
B.A., College of Idaho; M.S., Louisiana State University; Arizona State University; University of Oregon.

HERBERT K. BELL, JR., Assistant Professor of Accounting .......................................................... (1970)
J.D., University of Louisville; M.B.A., U.S. Air Force Institute of Technology; C.P.A., University of Maryland; Midwestern University.

BONNIE BENNETT, Instructor in Registered Nursing ................................................................. (1970)
B.S., Brigham Young University.

JOHN H. BEST, Associate Professor of Music ................................................................. (1947)
B.S., University of Idaho; M.A., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzels; Composition and Theory pupil of J. DeForest Cline and Henry Trustman Ginsburg.

CAROL JEAN BETTIS, Assistant Professor, Assistant Librarian .................................................... (1970)

JOHN PATRICK BIETER, Associate Professor of Teacher Education and Library Science ................. (1969)
B.A., St. Thomas College; M.A., University of California at Berkeley; Ed.D., University of Idaho.

DONALD B. BILLINGS, Associate Professor of Economics .......................................................... (1972)
B.A., San Diego State College; M.A., Ph.D., University of Oregon.

V. DALE BLICKENSTAFF, Professor of Accounting, Dean, School of Business ....................... (1967)
B.S., McPherson College; M.S., Fort Hays State College; Ed.D., Colorado State College; Oklahoma State University; C.P.A.

ROBERT R. BOREN, Associate Professor of Communication; Chairman, Department of Communication ..................................................... (1971)
B.A., M.A., Brigham Young University; Ph.D., Purdue.

BILL C. BOWMAN, Associate Professor of Physical Education .................................................. (1969)
B.A., Southern Idaho College of Education; M.Ed., University of Oregon; Ed.D., Brigham Young University.

PHYLLIS E. BOWMAN, Assistant Professor of Physical Education .................................................. (1970)
B.S., Utah State University; M.A., Brigham Young University; Weber State.

DALE BOYER, Associate Professor of English ............... (1968)
B.A., M.A., University of Oregon; Ph.D., University of Missouri.
RICHARD F. BOYLAN, Assistant Professor of Communication (1971)
B.A., University of Arizona; M.A., Ph.D., University of Iowa.

JEAN BOYLES, Assistant Professor of Physical Education (1949-57, 1962, 1969)
A.B., University of California; M.S., University of Colorado.

BRYCE T. BRADLEY, Assistant Professor of Accounting (1970)
B.S., Idaho State University; M.B.A., University of Utah; C.P.A., Golden State College. University of Nebraska.

C. GRIFFITH BRATT, Professor of Music, Composer
Artist-in-Residence (1946)
Artist's Diploma in Organ, Mus.M., Harmony Teacher's Certificate, Church Organist's Certificate; Peabody Conservatory of Music, Baltimore, Md.; Johns Hopkins University; University of Baltimore; University of Utah; A.A.G.O., Mus. Doc., Northwest Nazarene College.

J. WALLIS BRATTON, Assistant Professor in Music (1970)
B.M., University of Idaho; M.M., University of Utah.

SUSAN I. BRENDER, Assistant Professor of Office Administration (1969)
B.S.C., M.A., University of Iowa.

PHOEBE L. BRYANT, Assistant Professor of History (1966)
B.S., M.S., Drake University.

JAMES R. BUCHANAN, Assistant Professor of Welding (1959)

RICHARD E. BULLINGTON, Professor of Education, Executive Vice President (1968)
B.S., Rutgers; M.A., Ed.D., University of Alabama.

MAURICE M. BURKHOLDER, Consulting Professor in Health Education (1971)
B.A., Goshen College; M.S., Northwestern University; Evanston, Illinois; M.D., Northwestern University Medical School, Chicago.

ORVIS C. BURMASTER, Assistant Professor of English (1968)
B.S., Montana State College; M.A., University of Montana; South Dakota State College, Utah State College.

CLARA P. BURTCH, Assistant Professor of Teacher Education and Library Science (1969)
B.A., M.A., College of Idaho

MAXIMO J. CALLAO, Assistant Professor of Psychology, Counselor (1971)
B.A., San Jose State College, M.S.Ed., Ph.D., Purdue University, University of Hawaii.

ERMA M. CALLIES, Vocational Counselor (1969)
B.S., South Dakota University.

ROBERT RUSSELL CAMPBELL, Assistant Professor of Physics (1970)
B.S., University of Washington, M.A., Ph.D., University of California, Irvine.

WILLIAM J. CARSON, Associate Professor of Accounting (1963)
B.S., University of Notre Dame; M.B.A., University of Denver; University of Wyoming.

LOREN S. CARTER, Assistant Professor of Chemistry (1970)
B.S., M.S., Oregon State University; Ph.D., Washington State University.

JOHN A. CAYLOR, Professor of History (1965)
A.B., Nebraska Teacher's College; M.A., Ph.D., University of Nebraska.

WILLA M. CHAFFEE, Instructor in Practical Nurses Training (1967)
R.N., St. Lukes Hospital; University of Colorado.

ACEL H. CHATBURN, Professor of Education (1944)
B.A., College of Idaho; University of Idaho; M.A., University of Colorado; Ed.D., Washington State University; University of California at Berkeley.

WAYNE CHATTERTON, Professor of English (1968)
B.S., M.A., Brigham Young University; Ph.D., University of Utah.

JAMES LEE CHRISTENSEN, Assistant Professor of Sociology (1970)
B.S., Brigham Young University; M.A., University of Wyoming; Ph.D., University of Utah.

MARVIN CLARK, Professor of Business Education; Chairman, Department of Business Education & Office Administration (1969)
B.S., St. Cloud State College; M.A., Ph.D., University of Minnesota.

MICHAEL E. CLEVELAND, Assistant Professor of Music (1970)
B.A., San Jose State College; M.M., D.M.A., University of Oregon.

MARGARET A. COTCIS, Assistant Professor of English (1968)
B.S., Portland State College; M.A., Reed College; Oregon State College.

DEWEY H. COFIELD, Assistant Professor in Biology (1961)
University of Idaho; Idaho State College.

CONRAD COLBY, Instructor in Biology (1970)
B.A., M.A., University of Montana.

CECILIA (TRUDY) Y. COMBA, Assistant Professor of Teacher Education (1970)
B.E., Duquesne University; M.Ed., University of Arizona; Ph.D., University of Oregon.

DORAN L. CONNOR, Assistant Professor of Physical Education, Head Basketball Coach (1969)
B.A., Idaho State University; M.S., Utah State University.

GENE COOPER, Professor of Physical Education; Chairman, Department of Physical Education (1967)
B.S., M.S., Ed.D., University of Utah.

DELBERT F. CORBETT, Assistant Professor of Theatre Arts (1969)

A. ROBERT CORBIN, Assistant Professor of Sociology (1967)
B.A., Blackburn College; M.A., University of Washington; Th.M., Iliff School of Theology.

ROBERT C. CORNWELL, Professor of Business Education (1969)
B.A., Wartburg College; M.A., Colorado State College; Ed.D., Arizona State University.

T. VIRGINIA COX, Assistant Professor in Anthropology (1967)
B.A., San Diego State College; M.A., University of California at Davis.

DAVID E. CRANE, Head Catalog Librarian, Assistant Professor (1969)
B.A., California State University at San Francisco; M.A., California State University at San Jose.

MARY CROWSON, Instructor in Nursing (1966)
B.S.N., University of Utah.

MARTHA CRUMPACKER, Instructor in Office Administration (1969)
B.A., Boise State College; M.S., Oregon State University.
BOISE STATE COLLEGE
Faculty

BILL DARRELL CURTIS, Instructor in Auto Body .......... (1967)
Diploma, Boise Junior College.

ELIZABETH M. CURTIS, Instructor in Practical Nursing ...... (1972)
Diploma, Kansas City General Hospital, School of Nursing.

NORMAN F. DAHM, Professor of Engineering ............... (1953)
B.S., M.Ed., University of Colorado; Agricultural and Mechanical College of Texas; University of Washington; Bucknell University.

E. JOHN DALBERG Jr., Associate Professor of Teacher Education ........................................... (1970)
B.A., Pacific Lutheran University; M.A., Lewis & Clark College, Portland, Ed.D., University of Oregon.

JACK L. DALTON, Professor of Chemistry; Chairman, Department of Chemistry ...........(1958)
B.S., Nebraska State Teachers College; M.S., Kansas State University of Agriculture and Applied Science; Kansas State College, Oregon State University.

A. JERRY DAVIS, Coordinator High School & College Relations, Assistant Professor .......... (1968)
B.Th., Northwest Christian College; B.A., Drake University; M.Ed., Utah State University.

CHARLES GEORGE DAVIS, Associate Professor of English; Chairman, Department of English ...........(1963)
B.A., Middlebury College; M.A., University of California, Berkeley; Ph.D., University of North Carolina.

ANNE N. DE LAURIER, Counselor, Assistant Professor .... (1967)
B.A., College of Idaho; M.S., University of Oregon.

JAMES B. DEMOUX, Instructor in Communication ...........(1971)
B.A., Brigham Young University; M.A., University of Montana.

JOANNA DEMEYER, Consulting Professor of Nursing .... (1972)
B.S., University of Oregon; M.N., University of Washington.

MARY CHARLINE DENNY, Instructor, General Librarian ............................................................. (1970)
B.A., St. Michael's College; M.L.S., Texas Woman's University.

JAY H. DICKINSON, Assistant Professor of Education ....(1972)
B.S., Southern Illinois University; M.S., Indiana University.

JERRY P. DODSON, Assistant Professor, Counselor .......(1970)
B.A., Ball State University; M.S., Ph.D., Purdue.

PATRICIA M. DORMAN, Associate Professor of Sociology; Acting Chairman, Department of Societal and Urban Studies ................................................................. (1967)
B.S., M.S., Ph.D., University of Utah.

JAMES G. DOSS, Assistant Professor of Management Assistant Dean, School of Business .......... (1970)
B.S., University of California; M.S., The George Washington University; University of Utah.

JAMES D. DOUGLASS, Jr., Instructor in Art ............... (1972)
B.S., Western Michigan University; M.F.A., Cranbrook Academy of Art.

VICTOR H. DUKE, Professor of Pharmacology, Dean, School of Health Science .......... (1972)
B.S., Idaho State Univ.; Ph.D., Univ. of Utah.

KEITH A. EKBLAW, Assistant Professor of Mathematics .................................................. (1970)
B.A., Augustana College; M.A., University of Kansas; Ph.D., University of Kentucky.

WILBER D. ELLIOTT, Associate Professor of Music; Chairman, Department of Music .......... (1969)
B.A., University of Washington; M.E., Central Washington.

ROBERT W. ELLIS, Assistant Professor of Chemistry .................................................. (1971)
B.S., College of Idaho; M.S., Ph.D., Oregon State University.

ROY J. ELLSWORTH, Consulting Professor in Health Education ........................................... (1971)
B.S., University of Oregon; M.D., University of Oregon Medical School.

ROBERT EDWARD ERICSON, Associate Professor of Theatre Arts, Chairman, Department of Theatre Arts ................................................................. (1970)
B.S., Pacific University; M.A., Indiana University; Ph.D., University of Oregon.

EVELYN EVERTS, Assistant Professor, Reference Librarian ................................................... (1957)
B.A., Librarianship, University of Washington; B.S., (Zoology), University of Washington; Washington State University; Drexel Institute of Technology.

STUART D. EVETT, Assistant Professor of English .......... (1972)
B.A., University of the South (Sewanee); M.A., Vanderbilt University.

MARJORIE E. FAIRCCHILD, Associate Professor of Library Science ........................................... (1966)
A.B., University of California; M.A. in Librarianship, University of Southern California; M.A., Library Science, University of California at Berkeley.

DAVID JOHN FERGUSON, Assistant Professor of Mathematics .................................................. (1970)
B.S., Ph.D., University of Idaho.

DENNIS B. FITZPATRICK, Assistant Professor of General Business ........................................... (1972)
B.S., University of Colorado; M.B.A., University of Santa Clara, University of Colorado.

NANCY L. FLEMING, Assistant Professor of Nursing .... (1963)
B.S.N., University of Nebraska College of Medicine, M.S.N., Montana State University.

MILTON B. FLESHMAN, Assistant Professor of Auto Mechanics ........................................... (1959)
Idaho State College; Carter Carburetion Course; Delco-Remy Auto Electric Class; Allen Tune-up Equipment; Boise Junior College; Briggs & Stratton Factory Service School, Portland, Oregon; United Motors Service Courses.

ALLAN WALKER FLETCHER, Assistant Professor of History ................................................... (1970)
B.S., Louisiana State University; M.A., Ph.D., University of Washington.

E. COSTON FREDERICK, Associate Professor of Education ................................................... (1971)
B.S. Ed., State Teacher's College, Indiana; M.Ed., Temple University; Ph.D., Syracuse University; Michigan State University.
LEONARD M. FRENCH, Instructor in Communication ........................................ (1970)
B.A., M.A., University of Montana.

ROBERT L. FRIEDEI, Assistant Professor of Teacher Education .................................. (1972)
B.S., M.Ed., Utah State University; Ph.D., University of Utah.

HARRY K. FRITCMAN, II, Professor of Zoology ........................................... (1954)
A.A., Boise Junior College; B.A., M.A., Ph.D., University of California at Berkeley.

ALBERT M. FUEHRER, Instructor in Auto Mechanics ........................................ (1965)
Northwest Nazarene College; Idaho State University; Specialized Automotive Training, United Motor Service, Tigard, Oregon; Allen Tune-up School, Sun Tune-up School, Carter Carburetor Specialized training class; Rochester Specialized training class.

EUGENE G. FULLER, Associate Professor of Zoology .................................... (1967)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.

EUGENE I. FURUYAMA, Assistant Professor of Mathematics .................................. (1972)
B.A., Northwest Nazarene College; M.A., Ph.D., Washington State University.

JERRY C. GEPHART, Assistant Professor of Communications ................................ (1972)
B.S., Western Michigan University; M.A., St. Louis University; Ph.D., University of Utah.

EDWARD K. GILL, Associate Professor of Finance ........................................ (1971)

GORDON L. GOCHNOUR, Assistant Professor of Physical Education .................. (1971)
B.S., College of Idaho; M.S., Arizona State University; Oregon State University; University of Idaho; University of Utah.

WILLARD H. GODFREY, JR., Associate Professor of Marketing .................. (1970)
B.S., Brigham Young University; M.S., University of Arizona; Ph.D., Montana State University; University of Colorado; Colorado State University.

CURTIS C. GRAHAM, Associate Professor of Accounting, Chairman, Department of Accounting and Data Processing ........................................ (1971)
B.S., Central Missouri State University; M.A., Ph.D., University of Oklahoma; C.P.A.

ROGER D. GREEN, Vice-President for Financial Affairs .................................. (1971)
B.S., M.S., Kansas State Teachers College; University of Minnesota.

FRANCES S. GRIFFITH, Instructor in Horticulture ........................................ (1971)
Lewis Business College

CLAYTON W. HAHN, Associate Professor of Engineering ........................................ (1948-52, 1963)
B.S. (M.E.), University of Colorado; University of Montana; Montana State College; University of California at Los Angeles; University of Southern California; University of Nebraska.

STEPHEN S. HAMILTON, Assistant Professor in Business Administration ........ (1970)
A.B.S., Treasure Valley Community College; B.B.A., M.B.A., University of Oregon.

LINDA L. HANLEY, Instructor in Foreign Languages .................................. (1972)
B.A., College of Saint Rose; M.A., State University of Iowa.

MARK HANSEN, Assistant Professor in English .......................................... (1969)
B.A., M.A., San Francisco State College.

ARDEN E. HARRIS, Instructor in Office Machine Repair ................................ (1965)
B.A., B.S., North Central College; M.A., University of Minnesota.

ALFRED H. HARRIS, Professor of Zoology .................................................. (1967)
B.S., M.S., University of Idaho; Ph.D., Oregon State University.

CAROL D. HARVEY, Assistant Professor of Sociology ................................ (1970)
B.S., University of Idaho; M.A., Ph.D., Washington State University.

ALICE H. HATTON, Registrar ................................................................. (1959)
B.A., University of Washington; Colorado State College; College of Puget Sound.

JOHN P. HAYDON, Instructor in Vocational-Technical Education .................. (1969)
B.A., University of Washington; Colorado State College; College of Puget Sound.

DELBERT D. HEACOCK, Associate Professor of Psychology ................................ (1965)
B.A., College of Idaho; M.S., Ph.D., University of Utah.

FRANK K. HEISE, Instructor in Theatre Arts ........................................... (1971)
B.S., Wisconsin State University; M.A., University of South Dakota.

ROBERT A. HIBBS, Professor of Chemistry ................................................ (1965)
B.S., M.S., University of Florida; Ph.D., Washington State University.

YUKINOTO HIYIYA, Assistant Professor of English ................................ (1970)
B.A., Shikoku Christian College, Japan; M.A., Wake Forest University, North Carolina; Ph.D., University of New Mexico; Davidson College.

KENNETH L. HILL, Assistant Professor of Teacher Education .................. (1968)
B.S., Illinois State University; M.A., College of Idaho; Oregon State University, Ed.D., University of Idaho.

RODNEY HONNHORST, Assistant Football Coach ....................................... (1971)
B.S., Idaho State University.

KENNETH HOLLENBAUGH, Associate Professor of Geology, Chairman, Department of Geology ................................................ (1968)
B.S., Bowling Green State University; M.S., Ph.D., University of Idaho.

PATRICIA ANNE HOLMAN, Instructor in Physical Education .................. (1970)
B.S., Northern Montana College; M.S., University of Utah.

THEODORE HOPFENBECK, Assistant Professor of Criminal Justice ................ (1967)
B.S., M.Ed., University of Arizona

JAMES W. HOPPER, Assistant Professor of Music .................................. (1970)
B.S., Julliard School; M.A., State University of Iowa; Washington State University.

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Faculty

WILLIAM A. JONES, Assistant Professor of Social Work (1965)
B.A., Washburn University; M.S.W., Kansas University.

HOWARD L. HUFF, Assistant Professor of Art (1965)
Diploma, Boise Junior College; B.A., College of Idaho; M.F.A., University of Idaho.

ROBERT B. HUGHES, Associate Professor of Mathematics (1971)
B.A., University of California, Riverside; M.A., University of California at Berkeley; Ph.D., University of California, Riverside.

GUY LAMONT HUNT, Assistant Professor of Teacher Education, Director of Admissions and Records (1970)
B.S.Ed., Eastern Oregon College; M.S.Ed., Eastern Oregon College; Ph.D., Arizona State University.

DARRYL HUSKEY, Assistant Professor, Serials and Documents Librarian (1968)
B.S., Brigham Young University; M.L., Kansas State Teachers College.

MADELEINE DEMORY HSU, Assistant Professor of Music (1971)

AILEEN INGRAM, Assistant Professor of English (1967)
B.S., M.A., Brigham Young University.

GAIL JASON, Associate Professor of Psychology (1970)
B.A., Idaho State University; M.A., Brigham Young University; Ph.D., University of Oregon.

JOHN H. JENSEN, Associate Professor of Teacher Education and Library Science (1969)
B.A., Western Michigan University; M.S., Ph.D., University of Oregon.

HELEN R. JOHNSON, Associate Professor of Office Administration (1955)
B.A., Northwest Nazarene College; University of Idaho; Oregon State University; University of Washington; M.A., College of Idaho; University of Southern California; Arizona State University.

DONALD S. JONES, Instructor in Vocational-Technical Education (1970)
Service Schools of Smith Corona, Olivetti Underwood, Olympia Electric, Gillett Paint Sales.

LEO E. JONES, Assistant Professor of Biology (1972)
B.A., Chico State College; Ph.D., Oregon State University.

WILLIAM A. JONES, Instructor in Physical Education (1965)
B.A., Boise College.

ROBERT C. JUOLA, Associate Professor of Mathematics (1970)
B.S., University of Oregon; M.S., Ph.D., Michigan State University.

FRANCIS E. KELLER, Associate Professor of Engineering (1967)
B.S., Seattle University; M.S., University of Idaho; Ph.D., Montana State University; M.B.A., Boise State College.

MARY LOUISE KELLER, Assistant Professor of Nursing (1959)
B.S.N., Northwest Nazarene College; University of Washington; University of California at Los Angeles, University of California, San Francisco.

DORIS KELLY, Associate Professor of Nursing (1958)
Diploma, Cook County School of Nursing; B.A., University of Denver; M.N., University of Washington.

FENTON C. KELLEY, Assistant Professor of Zoology (1969)
B.S., M.S., University of New Mexico; Ph.D., University of California at Berkeley.

CHARLES R. KERR, Associate Professor of Mathematics (1969)
B.A., Washington State University; M.A., Ph.D., University of British Columbia.

JOHN H. KILLMASTER, Assistant Professor of Art (1970)
B.A., Hope College; M.F.A., Cranbrook Academy of Art; Universidad de Guanajuato, Mexico; Northern Michigan University; Michigan State University.

WILLIAM F. KIRTLAND, Associate Professor of Teacher Education and Library Science (1969)
Director of Reading Center; B.S., M.A., Bemidji State College; Ed.D., Arizona State University.

ANTHONY J. KNAP, Head Football Coach (1968)
B.S., M.S., University of Idaho; San Francisco State College; Marquette University, Milwaukee; University of California at Berkeley.

LEO L. KNOWLTON, Associate Professor of Marketing (1965)
B.S., M.S., University of Idaho; University of Oregon.

ALFRED KOBEL, Assistant Professor of Art (1968)
B.S., M.S., Fort Hayes Kansas State College.

NOEL KRIGBAUM, Assistant Professor of Vocational-Technical Education (1955)
Electricians School, Navy; Idaho State University; Boise Junior College.

ELLIS LAMBORN, Professor of Economics; Chairman, Department of Economics (1968)
B.S., Utah State University; M.S., University of Illinois; Ph.D., Cornell University; University of California.

MAX LAMBORN, Instructor in Vocational-Technical Education (1972)

DANIEL GODLIEB LAMET, Assistant Professor of Mathematics (1970)
B.S., University of Michigan; M.A., Ph.D., University of Oregon.

RICHARD C. LANE, Assistant Professor of General Business (1969)
B.S., M.S., Kansas State College; University of Missouri.

WILLIAM C. LARUE, Instructor in Vocational-Technical Education (1969)
Phico Corp., N.A.S.A. Manned Space Program, Boeing Corporation.
CHARLES E. LAUTERBACH, Assistant Professor of Theatre Arts ........................................ (1971)
B.A., M.A., University of Colorado; Ph.D., Michigan State University.

RICHARD V. LEAHY, Assistant Professor of English .................................................. (1971)
B.S., University of San Francisco; M.A., University of Iowa; Ph.D., University of California, Davis.

JOHN C. LEIGH, JR., Instructor in Drafting ................................................................. (1971)
Los Angeles Junior College.

RAY LEWIS, Assistant Professor of Physical Education .................................................. (1956)

MICHAEL L. LIGGETT, Assistant Professor of History ................................................... (1970)
B.A., M.A., University of California at Berkeley; Ph.D., University of California at Santa Barbara.

GLEN LINDER, Assistant Director, Area Vocational-Technical School .......................... (1970)
B.S., University of Idaho.

HUGH T. LOVIN, Professor of History ............................................................................ (1965)
B.A., Idaho State College; M.A., Washington State University; Ph.D., University of Washington.

MICHAIL T. LYON, Assistant Professor of Business Administration ............................. (1970)
B.A., University of New Mexico; M.B.A., University of California at Berkeley.

ROBERT A. LUKE, Associate Professor of Physics .......................................................... (1968)
Diploma, Ricks College; B.S., M.S., Ph.D., Utah State University.

JEAN MacINNIS, Instructor in Dental Assisting ......................................................... (1962)
C.D.A., University of North Carolina; Boise Junior College; Idaho State University.

JAMES HENRY MAGUIRE, Assistant Professor of English ........................................... (1970)
B.A., University of Colorado; M.A., Ph.D., Indiana University.

GILES MALOOF, Professor of Mathematics; Dean, Graduate School; Chairman, Department of Mathematics .................................................. (1968)
B.A., University of California; M.A., University of Oregon; Ph.D., Oregon State University; San Bernardino Valley Junior College.

DARWIN W. MANSFIELD, Assistant Professor of Office Administration .................... (1970)
B.A., Northwest Nazarene College; M.S., Utah State University; Boise Junior College; University of Idaho; Brigham Young University.

RUTH A. MARKS, Associate Professor of Teacher Education ........................................ (1970)
B.A., Northwest Nazarene College; M.Ed., College of Idaho; Ed.D., University of Northern Colorado.

CLYDE M. MARTIN, Associate Professor of Teacher Education; Chairman, Department of Teacher Education; and Assistant Dean, School of Education .................................... (1970)
B.A., Linfield College; M.A., University of Oregon; Ed.D., Oregon State University.

JACQUELINE MASON, Consulting Professor of Nursing .................................................. (1972)
B.A. in Nursing, University of Oregon; M.A. in Public Health Services, University of California, Los Angeles.

CONSTANCE MATSON, Instructor in Nursing ................................................................. (1968)
B.S., University of Oregon.

EMERSON MAXSON, Assistant Professor of Data Processing ...................................... (1968)
A.S., Boise Junior College; B.S., M.B.A., University of Colorado, C.D.P.

RUTH McBRNEY, Associate Professor, Head Librarian .................................................. (1940-42, 1953)
Boise Junior College; A.B., Whitman College; B.A. in Librarianship, University of Washington; Columbia University; University of London; University of California at Berkeley; Rutgers University.

ANGUS MCDONALD, Professor of Teacher Education ................................................. (1968)
B.A., College of Idaho; M.A., Colorado State University; Ed.D., University of Maryland; Stanford University; Claremont Graduate School; University of Idaho Graduate School.

ROBERT L. MCDOWELL, Assistant Professor, Technical Services Librarian ................. (1968)
B.G.E., Omaha University; M.A., University of the Americas, Mexico (D.F.); M.A. in Librarianship, San Jose State College, University of Alabama, University of Maryland.

SHERRY McGuire, Assistant Professor of English ......................................................... (1967)
B.A., University of Idaho; M.A., Washington State University.

WILLIAM P. MECH, Assistant Professor of Mathematics, Director of Honors Program .... (1970)
B.A., Washington State University; M.S., Ph.D., University of Illinois.

JOHN J. MEDLIN, Assistant Professor of Accounting .................................................... (1970)
B.S., Idaho State University; M.B.A., University of Denver; C.P.A.

CARROLL J. MEYER, Associate Professor of Music ....................................................... (1948)
B.M., University of Michigan; Private study with Ethel Lebinska and Cecile de Horvath; M.A., University of Iowa.

FLORENCE M. MILES, Professor of Nursing; Chairman, Department of Registered Nursing and Health Services ......................................................... (1955)
Diploma, School of Nursing, St. Luke's Hospital; B.S.N.E., M.N., University of Washington; University of California at Los Angeles; Lewis-Clark Normal School.

BEVERLY MILLER, Assistant Professor, Reference Librarian ......................................... (1968)

GILBERT MCDONALD MILLER, Director, Area Vocational-Technical School ............... (1969)
Idaho State University.

ROBERT T. MILLER, Professor of Business Administration ......................................... (1963)
B.S., University of Oregon; LL.B., Columbia University; University of Idaho; J.D., Columbia University.

JOHN W. MITCHELL, Assistant Professor of Economics .............................................. (1970)
B.A., Williams College; M.A., Ph.D., University of Oregon.

POrLY K. MOORE, Assistant Professor of Home Economics ....................................... (1972)
B.S., M.S., Ph.D., Pennsylvania State College.

JON L. MORGAN, Assistant Professor of Art ................................................................. (1971)

MARIE R. MORRIS, Instructor in Vocational-Technical Education .............................. (1972)
Ricks College; L.D.S. School of Nursing.

CAROL A. MULLANEY, Assistant Professor of English .................................................. (1972)
B.A., M.A., Ph.D., Catholic University.

GARY R. NEWBY, Associate Professor of Physics; Chairman, Department of Physics, Engineering and Physical Science ......................................................... (1966)
B.S., Ph.D., Arizona State University.
CLAYTON R. NICHOLS, Associate Professor of Geology (1970)  B.S., M.S., Ph.D., University of Oklahoma.

PHILIP S. NICHOLSON, Assistant Professor of Management (1972)  B.S., M.B.A., University of California, Berkeley; Ph.D., University of Washington.

DAVID E. NICKEL, Assistant Football Coach (1968)  A.A., College of San Mateo; B.S., Utah State University; University of California at Berkeley.

ROSS S. NICKERSON, Assistant Professor in English (1969)  B.A., Boise College; M.A., University of Utah.

DONALD OAKES, Assistant Professor of Music; Associate Department Chairman (1966)  B.M., M.M., Northwestern University; College of Idaho, University of Oregon.

DONALD J. OBEE, Professor of Botany; Chairman, Department of Biology (1946)  B.A., M.A., Ph.D., University of Kansas; Oregon State University; University of Oregon School of Marine Biology; Arizona State University; University of North Carolina.

DIANA OBENAUER, Instructor in Registered Nursing (1970)  B.S., Sacramento State College.


JOHN T. OGDEN, Instructor in Welding (1965)  Diploma, Boise Junior College; Navy Training School; Special Training and Experience in Welding.

K. ANN OLSON, Educational Media Librarian  Assistant Professor (1969)  A.S., Weber State College; B.A., Brigham Young University; M.L.S., University of Washington.

DAVID L. ORAVEZ, Associate Professor of Art (1964)  B.S., M.S., M.F.A., University of Wisconsin; Summer School of Painting at Satutuck, Michigan.


James M. OTT, Assistant Professor of Marketing (1972)  B.A., Willamette University; M.B.A., University of Oregon.

P. ANN Peck, Associate Professor of History (1962)  B.A., College of Saint Catherina; M.A., University of Colorado; University of Laval; University of Michigan; University of Oklahoma.

William M. Overgaard, Professor of Political Science; Chairman, Department of Political Science (1972)  A.A., Boise Junior College; B.A., University of Oregon; M.A., University of Wisconsin; Ph.D., University of Minnesota; College of Idaho; University of Oslo, Norway.

Neldon D. OYLER, Instructor in Horticulture (1966)  A.A., Snow College; B.S., Brigham Young University.

Herbert D. Papenfuss, Associate Professor of Botany (1967)  B.S., University of Utah; M.S., Brigham Young University; Ph.D., Colorado State University.

Edward W. Paulus, Assistant Professor Data Processing (1972)  B.S.C., M.A., University of Iowa; Ed.D., Northern Illinois University.

Richard D. Payne, Assistant Professor of Economics (1970)  B.A., Utah State University; M.A., University of Southern California; Ph.D., University of Southern California.

Louis A. Peck, Professor of Art; Chairman, Department of Art (1955)  B.A., College of Idaho; University of California, Santa Barbara; M.S., Utah State University; Rex Brandt School of Art, Ed.D., University of Idaho.

Margaret Peck, Assistant Professor of English (1969)  B.A., M.A., University of Alaska; Ph.D., University of Nebraska.

Avery F. Peterson, Assistant Professor of Political Science (1965)  B.F.S., Georgetown University; Graduate, National War College; University of Idaho; American Foreign Service Career and Deputy Assistant Secretary of State; University of British Columbia.

David R. Peterson, Assistant Professor of Mathematics (1971)  B.A., Ryon College; M.S., Ph.D., Michigan State University.

Ellis Ray Peterson, Professor of Chemistry (1964)  B.S., M.S., Utah State University; Ph.D., Washington State University.

Charles Phillips, Professor of Management; Chairman, Department of General Business (1969)  A.B., De Pauw University; M.A., Ph.D., University of Iowa.

John L. Phillips, Jr., Professor of Psychology; Chairman, Department of Psychology (1954)  B.A., M.A., Reed College; Ph.D., University of Utah; University of Idaho; Beloit College; University of Washington; University of California at Berkeley.

C. Harvey Pitman, Associate Professor of Communication (1966)  B.A., College of Idaho; M.Ed., Washington State University.


BERYL J. RHoads, Assistant Professor of
Registered Nursing ........................................ (1972)
B.S., University of Utah; M.Ed., University of Illinois.

GEORGE F. ROBERTS, Instructor in Art ............. (1970)
B.A., San Diego State College; M.A., M.F.A., University of Iowa.

ELAINE ROCKNE, Instructor in Medical Records
Technology .................................................. (1968)
B.A., College of St. Scholastica, Duluth, Minnesota.

MARTIN W. SCHEFFER, Associate Professor of
Sociology .................................................. (1964)
A.A., Diablo Valley College; B.S., M.S., University of Oregon; Ph.D., University of Utah.

PAUL A. SCHLAFLY, Instructor in Art ............. (1970)

ANDREW B. SCHOEDEINGER, Instructor Philosophy .... (1972)
B.A., Hobart College; M.A., Brown University.

DUSTON R. SCUDDER, Professor of Marketing .... (1964)
B.S. in Business Administration, M.A., University of Denver; Ed.D., Oregon State University; University of Colorado; Colorado State University.

GLENN E. SELANDER, Assistant Professor of English .. (1966)
B.S., Southwestern University; M.A., Utah State University.

JOHN E. SEVERANCE, Assistant Professor of
Engineering ................................................ (1967)
B.S., University of Idaho; M.S., University of Arizona.

JOHN H. SEWARD, Associate Professor of History .... (1967)
B.A., Morningside College; M.A., Moorhead State College, Minnesota; North Dakota State University; Midwestern University, Texas.

WILLIAM E. SHANKWEILER, Professor of Theatre Arts;
Associate Dean, School of Arts and Sciences ....... (1956)

MELVIN L. SHELTON, Assistant Professor of Music .... (1968)
B.M.E., Wichita State University; Boise College; M.M., University of Idaho.

BETTY P. SHOWMAKER, Coordinator of Adult Basic
Education .................................................. (1968)
B.S., Lindenwood College for Women; M.S., University of Idaho.

WILLIAM R. SICKLES, Professor of Psychology .......... (1968)
B.A., Wittenberg University; M.A., Columbia University; Ph.D., University of California at Berkeley.

DONALD J. SIEBER, Instructor in Electronics ........ (1962)
U.S. Army Signal Corps; Burroughs Corporation; Montronics; Philco Corporation.

W. HAROLD SILVESTER, Assistant Professor of
Accounting ................................................ (1972)
B.A., Northwest Nazarene College; M.S., University of Wyoming; C.P.A., C.A., University of Missouri.

ROBERT CARL SIMS, Assistant Professor of History .... (1970)
B.A., Northeastern Oklahoma State College; M.A., University of Oklahoma; Ph.D., University of Colorado.

WILLIAM G. SKILLERN, Associate Professor of Political
Science .................................................... (1971)
B.S., Linfield College; M.S., University of Oregon; Ph.D., University of Idaho.

FRANK H. SMARTT, Assistant Professor of
Mathematics ............................................... (1958)

DANIEL D. RUSSELL, Assistant Professor of Music .... (1971)
B.A., University of Washington; M.M., University of Oregon.

BETTY P. SHOWMAKER, Assistant Professor of English ... (1967)
A.A., Boise Junior College; B.A., M.F.A., University of Idaho; California College of Arts and Crafts.

JOSEPH B. SPULNIK, Professor of Chemistry; Dean,
School of Arts and Science ......................... (1941)
B.S., M.S., Ph.D., Oregon State University; Reed College; Portland State College.

FRANK W. STARK, Associate Professor of Chemistry
and Physical Science .................................. (1957-62, 1967)
B.S., M.S., Trinity College; University of Denver.

ROBERT A. SULANKE, Assistant Professor of
Mathematics ............................................... (1970)
B.A., Earlham College; M.S., Case Institute of Technology; Ph.D., University of Kansas.

HARRY E. STEGER, Assistant Professor of Psychology .... (1972)
B.A., University of California, Berkeley; B.D., Berkeley Baptist Divinity School; M.S., California State College.

SHASTON D. TATE, Coordinator—Student Relations .... (1970)
B.A., University of Idaho; M.Div., Princeton Seminary; Institute for Advanced Pastoral Studies; Claremont Men’s College; National College of Juvenile Justice.

YOZO TAKEDA, Associate Professor of Mathematics .... (1969)
B.S., University of Michigan; M.A., University of Missouri; Ph.D., University of Idaho.

JOHN S. TAKEHARA, Associate Professor of Art .......... (1968)
B.A., Walla Walla College; M.A., Los Angeles State College, University of Hawaii.

STANTON D. TATE, Coordinator—Student Relations .... (1970)
B.A., University of Idaho; M.Div., Princeton Seminary; Institute for Advanced Pastoral Studies; Claremont Men’s College; National College of Juvenile Justice.
BOISE STATE COLLEGE
Faculty

DAVID S. TAYLOR, Professor of Psychology, Vice-President for Student Affairs (1972)
B.A., Northern Illinois University; M.S., Southern Illinois University; Ph.D., Michigan State University.

ROBERT W. TAYLOR, Instructor in Criminal Justice (1970)
B.A., Boise State College; M.A., California State College; Grossmont Junior College.

WILLIAM K. TAYLOR, Associate Professor of Music (1971)
B.M., Cornell College; M.M., Indiana University.

ALBERT H. TENNYSON, Instructor in Vocational-Technical Related Subjects (1966)
B.A., College of Idaho; M.A., University of Idaho.

NAN M. THOMASON, Instructor in Nursing (1967)
R.N., St. Luke’s Hospital; B.S., Montana State University.

CONNIE M. THORNGREN, Instructor in Physical Education (1970)
B.A., Idaho State University; Central Washington State College.

STEVEN DAVID THURBER, Assistant Professor of Psychology (1970)
B.S., M.S., Brigham Young University; Ph.D., University of Texas, Austin.

CARL W. TIPTON, Associate Professor of Management (1965)
Iowa Wesleyan College; University of Washington; George Washington University; M.B.A., University of Chicago.

JAMES W. TOMPKINS, Assistant Professor of Vocational Technical Related Subjects (1963)
A.B., Wheaton College; B.D., B.Th., Westminster Theological Seminary; University of Pennsylvania; Harvard University.

DAVID P. TORBET, Professor of Psychology, Director of Counseling Guidance and Testing Center (1966)
B.S., Pacific University; M.A., University of Oregon; Ph.D., University of Colorado.

DEAN C. TOWNSEND, Assistant Professor of English (1970)
B.A., University of California at Berkeley; M.A., San Francisco State College; University of California, Santa Barbara; San Jose State College.

WARREN TOZER, Assistant Professor of History (1969)
B.A., M.A., Washington State University; Ph.D., University of Oregon.

SHEILA REHING TRUBY, Instructor in Nursing (1968)
B.S., State University College of Education.

ANTHONY THOMAS TRUSKY, Instructor in English (1970)
B.A., University of Oregon; M.A., Northwestern University; Trinity College, Dublin.

JERRY L. TUCKER, Assistant Professor of Education (1971)
B.S., M.N.S., University of Idaho; Ph.D., University of Washington.

LLOYD D. TUCKER, Associate Professor of Mathematics (1969)
B.A., M.S., Southern Illinois University; Ph.D., University of Oregon.

U, V

G. W. UNDERKOFLER, Associate Professor of Accounting (1952)
B.A., Nebraska Wesleyan University; University of Chicago; University of California, Los Angeles; University of Southern California; San Jose State College; Brigham Young University.

LUIS J. VALVERDE Z, Associate Professor of Romance Language (1965)
B.A., Mankato State College; B.S., Southern Illinois University; M.A., University of Illinois; Ed.D., University of California at Los Angeles; University of Michigan; University of Washington; University of Texas; University of Indiana.

WARREN VINVZ, Associate Professor of History, Chairman, Department of History (1966)
Lincoln College; B.A., Sioux Falls College; B.D., Berkeley Baptist Divinity School; M.A., Ph.D., University of Utah.

JAMES B. WAGSTAFF, Assistant Football Coach (1969)
B.A., Idaho State University; M.S., Utah State University.

LARRY LEE WALDORF, Assistant Professor of Management (1970)
B.S., M.S., Colorado State University; Ph.D., Colorado State University.

EUNICE WALLACE, Associate Professor of English (1968)
B.A., College of Idaho; Ed.M., Ph.D., Oregon State University; University of California; American University; Idaho State University.

GERALD R. WALLACE, Professor of Education; Dean, School of Education (1968)
B.A., College of Idaho; M.A., University of California; Ed.D., University of Oregon; Whitman College; Colorado State College; Oxford University.

STEVEN R. WALLACE, Instructor in Physical Education (1972)
B.S., Boise State College.

FREDERICK R. WARD, Associate Professor of Mathematics (1969)
B.S., William and Mary; M.S., University of Colorado; Ph.D., Virginia Polytechnic Institute.

KATHLEEN C. WARNER, Assistant Professor of English (1966)
B.A., University of Nevada; M.A., Arizona State University; Indiana University.

MONT M. WARNER, Professor of Geology (1967)
A.B., M.A., Brigham Young University; Ph.D., University of Iowa; University of Utah; Cambridge University.

JOHN E. WARWICK, Associate Professor of Communication (1963)

TARMO WATIA, Assistant Professor of Art (1969)
B.S., M.F.A., University of Michigan.

LOUISE WEITMAN, Assistant Professor in English (1969)
A.B., Northwest Nazarene College; M.A., University of Washington.

E. ALLEN WESTON, Associate Professor of Drafting-Design (1964)
B.F.A., University of Arizona; M.Ed., Idaho State University; Jefferson Machamer School of Art, Art Center School, USA Engineering Drafting School, College of Idaho.

WAYNE E. WHITE, Associate Professor of Business Program Director, Aviation Management (1965)
B.S., Northern Arizona University; M.A., Arizona State University; University of Arizona; Wichita State University.

THOMAS W. WILBANKS, Assistant Professor of English (1964-66, 1969)
B.A., Trinity University; M.Div., Princeton Theological Seminary; Th.M., Louisville Presbyterian Theological Seminary; Hebrew Union College; University of New Mexico.

IRENE A. WILCOX, Associate Professor of Social Work (1966)
B.A., University of Utah; Howard University; M.S.W., Washington University; St. Louis, Missouri.
MARGUERITE L. WILCOX, Assistant Professor of Nursing (1972)
B.S., Loma Linda University; M.N., University of California, Los Angeles.

EDWIN E. WILKINSON, Associate Professor of Psychology, Dean of Men (1958)
B.A., Whitworth College; M.S., Washington State University; University of Oregon; University of Akron.

MARJORIE WILLIAMSON, Assistant Professor of Office Administration, Faculty Senate Secretary (1967)
B.S.(Ed.), University of Kansas; M.B.(Ed.), University of Idaho; Washington State University.

LONNIE L. WILLIS, Associate Professor of English (1970)
B.A., North Texas State; M.A., University of Texas; Ph.D., University of Colorado.

DARRELL C. WILSON, Professor of Political Science (1967)
B.S., Lewis and Clark College; M.A., Ph.D., University of Oregon.

MONTE D. WILSON, Associate Professor of Geology (1969)
B.S., Brigham Young University; M.N.S., Ph.D., University of Idaho.

PETER KLEIN WILSON, Professor of Business Administration (1966)
B.A., University of Illinois; J.D., Northwestern University.

ELLA MAE WINANS, Associate Professor of Mathematics (1958)
B.S., University of Oregon; M.S., New York University; Idaho State University.

JAMES R. WOLFE, Associate Professor of Education, Director, Extended Day and Summer Sessions (1960)
B.S., M.B.A., Indiana University; University of California at Berkeley; Idaho State College; Stanford University; Michigan State University.

BOYD WRIGHT, Instructor in Art (1970)
B.F.A., Utah State University; M.F.A., University of Idaho.

CHARLES D. WRIGHT, Professor of English (1972)
B.A., Wayne State University; M.A., University of Wisconsin; Ph.D., University of Iowa.

GILBERT A. WYLLIE, Associate Professor of Biology (1965)
B.S., College of Idaho; M.A., Sacramento State College; Ph.D., Purdue University; Oregon State University; University of Oregon.

BOISE STATE COLLEGE
Faculty

EMERITI

JOHN A. BECKWITH, Assistant Professor of English (1966-1972)
WILLIAM S. BRONSON, Professor of Psychology (1954-1970)
ELSIE BUCK, Professor of Mathematics (1932-34, 1937-68)
VINA BUSHBY, Associate Professor of Secretarial Science (1946-65)
EUGENE B. CHAFFEE, President (1932-1967)
ROBERT deNEUFVILLE, Associate Professor in Foreign Languages (1949-1973)
CLISBY T. EDLEFSEN, Professor of Business (1939-69)
J. CALVIN EMERSON, Associate Professor of Chemistry (1933-1940, 1960-1973)
LUCILLE T. FORTER, Instructor in Voice (1932-62)
JOHN F. HAGER, Associate Professor of Machine Shop (1954-69)
ADA Y. HATCH, Professor of English (1932-67)
KENNETH L. HILL, Associate Professor of Education (1962-70)
KATHRYN ECKHARDT MITCHELL, Instructor in Violin (1932-38, 1939-72)
CAMILLE B. POWER, Associate Professor of Spanish & French (1932-35, 1936-51, 1954-67)
HAZEL MARY ROE, Associate Professor of Office Administration (1942-44, 1947-69)
HAROLD SNELL, Assistant Professor of Auto Mechanics (1958-69)
LYLE F. TRAPP, Assistant Professor of Auto Body (1953-67)
HELEN WESTFALL, Associate Professor of Physical Education (1962-70)
JOHN WOODWORTH, Associate Professor of English (1956-1972)
GLOSSARY

The following terms are explained in the special meaning defined by this institution. References are to more detailed descriptions or further explanations of the use of the term within the catalog.

ACADEMIC DISQUALIFICATION
Refusal of permission for a student to register if, after a reasonable period of academic probation, a student's academic work indicates that he cannot continue in the college with profit to himself and credit to the institution. See Academic Regulations, Part II.

ACADEMIC PROBATION
The student whose academic work is not satisfactory may be placed on probation. Satisfactory academic performance means the orderly progression toward graduation maintaining a cumulative grade point average of 2.0 or better. See Academic Regulations, Part II.

ACCRREDITED
Certified as fulfilling standards or requirements. Accreditation means that the constituent parts of a college or university are satisfactory and that its courses are recognized as being equal to or compatible with those of other collegiate institutions.

ADMISSION
Official recognition of a student's authorization to register for courses offered by the college. A Certificate of Admission is issued to students who have fully matriculated see Admissions Requirement to the College, Section II.

ADVISOR
Each student is assigned a faculty advisor by the department offering the student's major. The advisor will study and sign proposed course schedules, will receive various student records, and issue mid-semester grades to the students.

ALUMNI
Individuals who have graduated from the institution upon successful completion of a specific curricula for which a degree, diploma, or certificate of completion is awarded and any former student who was regularly enrolled for at least two semesters and who was in good standing upon termination of enrollment.

APPEALS
A request for reconsideration of a ruling or decision in either an academic matter (see Academic Regulations, Part II) or in a matter related to student conduct (see Student Conduct, Part II).

AUDIT
Enrollment in a specific class for informational instruction only and for which the student receives no credit. Attendance, completion of assignments, and examinations are optional.

BACCALAUREATE
The bachelor degree. Boise State College offers five baccalaureates: Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Music, and Bachelor of Fine Arts.

CCB
An abbreviation referring to Concentrated Course Blocks used in connection with Secondary Student Teaching. Students are scheduled to practice teaching one of four blocks of nine weeks each all day long. During the opposite block of a semester, special courses are made available depending on the student's major. See Part V, School of Education.

CORE REQUIREMENTS
Refers to the General College Requirements that all students seeking the Baccalaureate must complete for graduation.

CREDENTIALS
Designated items required in connection with matriculation. Such items may include proof of graduation from high school, official transcripts, application form, entrance test scores, etc. See Admissions Requirements, Part II.

CREDITS
The credit allowed for course work is ordinarily based on one semester credit for one hour of class attendance a week for a period of one semester. Courses that require deviation from this general rule will indicate in the course description the number of hours per week required (laboratories, studio hours, etc.). Credits in Vocational-Technical programs are not normally transferable toward an academic degree.

CREDIT STATUS CODE (CSC)
This refers to the status under which the student is taking a course as follows:
1. Repeat (Improve D Grade)
2. Retake (Improve F Grade)
3. Audit
4. First Time Credit
5. Non-Credit (Gradeable)
6. Non-Credit (Non-Gradeable)
7. Credit-No Credit
8. Pass-Fail

CURRICULUM
(Plural Curricula or Curriculums). The courses that are required leading to a specific degree or academic program objective. It may also refer to the complete list of courses offered by the institution.

GRADE POINT AVERAGE (GPA)
Grade points are a numerical value assignment for grades awarded as follows: For each credit of A, 4 grade points; for B, 3 grade points; for C, 2 grade points; for D, 1 grade point; for F, no points. The average is computed by dividing the total grade points received by the total credits attempted in a semester. A cumulative grade point average is the total grade points on a student's record divided by the total hours he has attempted.

GRADUATE CLASSIFICATION
Students admitted to Boise State College Graduate School may have one of three graduate classifications: Regular, provisional, or nonclassified. Refer to Part VII Graduate School. Note that "Special Graduate" refers to a student with an earned baccalaureate not admitted to the BSC Graduate School.
MATRICULATION
Matriculation is the processing of all required items necessary for regular enrollment as a full-time student at Boise State College. Matriculation is required of all students carrying eight or more hours, including repeats, retakes, audits, non-credit equivalents. Students carrying seven or fewer hours are not required to be fully matriculated. See Admission Requirements to the College, Part II.

REGISTRATION
The process of registration results in completed enrollment in a class or course of instruction. For each semester or term offered at the college, a separate Registration Information Bulletin is published with detailed instructions on courses being offered and the procedures followed.

REPEAT
A class may be repeated by a student who has received a grade of "D" in order to raise his grade if in the meantime he has not taken an advanced course for which the first course is a prerequisite. Degree credit for courses so repeated will be given only once but the grade assigned at each enrollment shall be permanently recorded. See Academic Regulations, Part II.

RESIDENCE
The legal residence of a student who is under the legal voting age shall be considered the same as that of his parents (or surviving parent or guardian). Adults, to be classified as residents of Idaho, must have been domiciled within the State of Idaho for not less than six consecutive months exclusive of full time enrollment, i.e., eight or more semester hours per semester. See Residence, Part I, General Information.

RETAKE
A retake is a student’s re-enrollment in a class for which he has previously failed and not received credit.

STUDENT STATUS
Students are classified as Freshmen (from 0 semester credits through 25), Sophomores (from 26 semester credits through 57), Juniors (from 58 semester credits through 89), and Seniors (90 semester credits and over but have not received bachelor’s degree). Other classifications include Special Graduate (have received a bachelor’s degree) and Graduate Student (further classified in regular, provisional, or unclassified status). Students enrolled for eight semester hours or more (including repeats, retakes, audits, non-credit equivalents) will be considered full-time. A student who is carrying less than eight credits but has met entrance requirements for regular students will be classified as a part time student. See Classification of Students, Part II; and Graduate Classification, Part VI.

TRANSCRIPT
A transcript is an official copy of the student’s permanent record of academic achievement maintained by the Registrar.

TUITION
Tuition is a charge for instruction which is only assessed to nonresident students at Boise State College. Note that the institutional fee charged all students is not technically termed tuition. See Tuition and Fee Schedule, Part I, General Information.
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