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

Catalogs, bulletins, course and fee schedules, etc., are not to be considered as binding contracts between Boise State University and students. The university and its divisions reserve the right at any time, without advance notice, to: (a) withdraw or cancel classes, courses, and programs; (b) change fee schedules; (c) change the academic calendar; (d) change admission and registration requirements; (e) change the regulations and requirements governing instruction in, and graduation from, the university and its various divisions; and (f) change any other regulations affecting students. Changes shall go into force whenever the proper authorities so determine, and shall apply not only to prospective students but also to those who are matriculated at the time in the university. When economic and other conditions permit, the university tries to provide advance notice of such changes. In particular, when an instructional program is to be withdrawn, the university will make every reasonable effort to ensure that students who are within two years of completing the graduation requirements, and who are making normal progress toward the completion of those requirements, will have the opportunity to complete the program which is to be withdrawn.
BOISE STATE UNIVERSITY
CAMPUS GUIDE

1. THE TOWERS: women's dormitory
2. HEALTH SCIENCE BUILDING: pre-professional, nursing, allied health, and community health programs
3. SPECIAL EDUCATION
4. SPECIAL PROJECTS OFFICE
5. MINORITY CULTURAL CENTER
6. COMMUNICATION CENTER: photography, film making, FM station KBZU
7. POLITICAL SCIENCE CENTER
8. UNIVERSITY COURTS: married student housing
9. UNIVERSITY HEIGHTS: married student housing
10. UNIVERSITY MANOR: married student housing
11. SCIENCE BUILDINGS: physics, science and biological science classrooms and labs, Home Economics department, lecture halls, executive offices (1977-78)
12. CAMPUS SCHOOL: elementary school
13. STUDENT HEALTH CENTER
14. EARLY CHILDHOOD EDUCATION
15. HEALTH AUTO-TUTORIAL LABS
16. SCIENCE BUILDING: present location
17. BUSINESS BUILDING: all departments of the School of Business, Data Processing, classrooms and lecture halls, executive offices, administrative offices
18. ADMINISTRATION BUILDING: first floor - student services offices including Financial Services, Admissions, Registrar, and News Bureau. Second floor - Business offices, Communication department, department of social & human studies
19. LIBRARY-LEARNING CENTER: KAG-TV, Educational Materials Center, Counseling & Testing Center, School of Education faculty offices and classrooms, seminar rooms, approximately 200,000 volumes
20. LIBERAL ARTS BUILDING: departments of English, Foreign Language, Political Science, humanities and art, lecture halls, an exhibition area, various departmental labs
21. MUSIC BUILDING: auditorium, concert and recital, band and choir practices, Cunningham Pipe Organ, applied music classrooms, faculty offices, carillon system
22. HEATING PLANT
23. STUDENT UNION BUILDING: First floor - main lobby, lounge, bookstore, game room, snack bar, student information office, hair styling shop. Second floor - student body offices, ballroom, lounges, TV room, dining room, meeting rooms, student publications office, Alumni Office, Student Union Director
24. SPECIAL EVENTS CENTER
25. MUSIC DRAMA BUILDING: Music and Theatre Arts Department, Subterr Theatre, classrooms, practice rooms
26. DISCO COLL HALL: women's dormitory
27. MORRISON HALL: coeducational dormitory
28. CHAFFEE HALL: men's dormitory
29. GYMNASIUM: basketball court, physical education faculty offices, classrooms
30. AUXILIARY GYMNASIUM: swimming pool, gymnastics, wrestling, weight rooms, lockers
31. VOCATIONAL-EDUCATION CENTER: classrooms and labs including Auto Body, Auto Mechanics, Auto Parts Counterman, Machine Shop, Office Machine Repair, Welding, Print Shop
32. MECHANICAL TECHNOLOGY BUILDING
33. TECHNICAL EDUCATION CENTER: classrooms, labs including Child Care Studies, Dental Assisting, Drafting Technology, Electronics, Field Service, Horticulture, Operating Room Technology, Practical Nursing
34. MAINTENANCE BUILDING

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It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to race, color, national origin, or sex, in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Sections 799A and 845 of the Public Health Service Act, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.
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A. L. ALFORD, Jr. (term expires 1978) ........................................... Lewiston
EDWARD L. BENOIT (term expires 1982) ........................................... Twin Falls
JANET HAY, (term expires 1979) ...................................................... Nampa
J. CLINT HOOPES (term expires 1980) .............................................. Rexburg
J.P. MUNSON, M.D., (term expires 1981) ........................................... Sandpoint
LENO D. SEPPI, D.D.S., (1979) ...................................................... Lava Hot Springs
MILTON SMALL, Executive Director for Higher Education Boise
JOHN W. SWARTLEY, M.D., (term expires 1980) ................................ Boise
ROY TRUBY, State Superintendent of Public Instruction (ex officio member) Boise

UNIVERSITY ADMINISTRATION

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Lyle H. Smith, M.S ................................................................. Director of Athletics
David T. Lambert ............................................................... Director of Development
Jacquelyn Cassell ............................................................. Administrative Assistant

RICHARD E. BULLINGTON, Ph.D. ............................................ Executive Vice President
Herbert W. Runner, M.S ........................................................... Administrative Assistant
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William J. Kepler, Ph.D ............................................................... Dean, School of Business
Kenneth M. Hollenbaugh, Ph.D .................................................... Dean, School of Arts & Sciences
Gilbert M. Miller ............................................................... Director, Area Vocational-Technical School
William L. Jensen, M.A ............................................................... Director, Continuing Education and Summer Sessions

BOISE STATE UNIVERSITY CALENDAR - 1977-78

SUMMER SESSION 1977

June 4, Saturday, 9:00 am-1:00 pm ............................................ Registration in Gymnasium
June 6, Monday .............................................................................. 8 Week Session Until July 29
June 6, Monday .............................................................................. First 5 Week Session Until July 8
June 11, Saturday 8:30 am-12:00 noon (L247) ................. Graduate Record Examination*
June 17, Friday .............................................................................. Last Date to File for Summer Graduation Diplomas
July 9, Saturday 8:30 am-12:00 noon (L247) ......................... Graduate Management Admission Test*
July 9, Saturday, 9:00 am-1:00 pm ............................................. Registration in Student Union Bldg.
July 11, Monday .............................................................................. Second 5 Week Session Until August 12

FALL SEMESTER 1977

August 4, 5, Thursday, Friday .............................................. Summer Orientation and Early Freshman Registration. To be eligible to participate, a student must be a new incoming freshman and submit an application and be accepted by BSU no later than July 28, 1977.

*Registration card and payment for these tests should be mailed to ETS at least four weeks before the test date.
August 12, Friday .......................................................... Last day for submitting application for Fall Semester to be assured of a registration packet at Priority Registration (Aug. 25-26); . . . . Students submitting applications after this date will be required to register at Open Registration in the Gym Saturday, August 27; 9:00 am - 12:00 noon, or at Late Registration in the Administration Building beginning Tuesday, August 30, at 9:00 am.

August 22, Monday ....................................................... Department Chairmen and Faculty meetings (by schools); . . . . Faculty orientation; . . . . All Faculty on duty.

August 23, Tuesday ............................................. Late ACT Test ($14.00 fee) in Gym (9:00 am); . . . . Pre-registration counseling in advisors' offices for graduates, seniors, juniors, and sophomores (10:00 am - 4:00 pm); . . . . Residence halls open (1:00 pm); . . . . Foreign Language Placement Test in Liberal Arts Bldg., Room 208 (4:00 pm).

August 24, Wednesday .................................................. New Student and Freshmen Orientation for those who did not register in the Summer and Group Counseling in the Student Union Building (8:00 - 9:30 am); . . . . Departmental counseling for Freshmen and New students (9:30 am); . . . . Pre-registration counseling in advisors' offices for graduates, seniors, juniors, and sophomores (10:00 am - 4:00 pm).

August 25, Thursday .................................................. Registration by schedule in Gym for Freshmen, Senior, and Program Intent Graduates (8:00 am - 3:00 pm); . . . . Pre-registration counseling in advisors' pool, Liberal Arts Bldg. (8:00 am - 2:30 pm).

August 26, Friday .................................................. Registration by schedule in Gym for Sophomores, Juniors, Non-Program Intent Graduates and Senior Citizens (8:00 - 3:00 pm); . . . . Pre-registration counseling in advisors' pool in Liberal Arts Bldg. (8:00 - 2:30 pm).

August 26, Friday .................................................. Evening Registration for students registering ONLY in Extended Day, Weekend University, and/or Graduate Program courses (6:30 - 9:00 pm).

August 27, Saturday .................................................. Open Registration - All Students (9:00 - 12:00 noon)

August 29, Monday .................................................. Day and Evening Program classes begin; . . . . Early Morning Program classes begin (6:30 am); . . . . Evening Registration in the Administration Bldg. for students registering ONLY in Extended Day, Weekend University, and/or Graduate Program classes (6:30 - 9:00 pm).

August 30-Sept. 12 Tuesday through Monday .................. Late Registration continues in the Administration Bldg. (9:00 am - 4:00 pm every day; 6:30 pm - 9:00 pm on August 30; and 6:30 pm - 8:00 pm on all other days except Friday).

September 3, Saturday ................................................ Registration for Weekend University Program classes (Friday evening, Saturday, and Sunday classes ONLY) in Administration Bldg., Room 104 (8:30 - 9:30 am); . . . . Saturday classes begin.

September 5, Monday .................................................. Labor Day (Holiday)

September 12, Monday .................................................. Last day to register late, except by petition; . . . . Last day to add new courses for credit or to change from audit to credit except with consent of instructor (4:00 pm close).

October 7, Friday .................................................. Last day to file application with department for admission to candidacy and graduation for Masters Degree; . . . . Last day to file application with Registrar for graduation for Baccalaureate and two-year or less degrees, diplomas, and certificates.

October 15, Saturday .................................................. Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am - 12:00 noon)*.

October 28, Friday .................................................. Mid-semester report issued; . . . . Notification of incompletes from previous semester; . . . . Last day to file application with department for final Masters written examination.

November 5, Saturday .................................................. Graduate Management Admission Test (GMAT) in Library Bldg., Room 215 (8:30 am - 12:00 noon)*.

November 5, Saturday .................................................. Homecoming

November 11, Friday .................................................. Last day for withdrawal.

November 12, Saturday .................................................. Final written examination for Masters Degree.

November 18, Saturday .................................................. Last day to submit final copy of Masters thesis and projects with department.

November 24-27, Thursday through Sunday ...................... Thanksgiving Day (Holiday).

November 26, Saturday .................................................. Last day for final oral examinations in defense of thesis and applied project for Masters Degree.

November 28, Monday .................................................. Classes resume; . . . . Last day to add classes; . . . . Last day to register by petition.

December 10, Saturday .................................................. Graduate Record Examination (GRE) at College of Idaho*.

December 16, Friday .................................................. Classroom instruction ends.

December 19-22, Monday through Thursday (10:00 pm) ........ Semester examinations.

December 22, Thursday .................................................. Fall Semester ends (10:00 pm); . . . . Residence halls close (11:00 pm).

SPRING SEMESTER 1978

December 29, Thursday .................................................. Last day for submitting application for Spring Semester to be assured of a registration packet at Priority Registration (Jan. 12-13); . . . . Students submitting applications after this will be required to register at Open Registration in the Gym Saturday, January 14, 9:00 am - 12:00 noon, or at Late Registration in the Administration Bldg. beginning Tuesday, January 17, at 9:00 am.

January 9, Monday .................................................. Department Chairmen and Faculty meetings (by schools); . . . . Faculty orientation; . . . . All faculty on duty.

* Registration card and payment for these tests should be mailed to ETS at least four weeks before the test date.
January 10, Tuesday ........................................ Late ACT Test ($14.00 fee) in Liberal Arts Bldg., Room 106 (9:00 am); Pre-registration counseling in advisors' offices for graduates, seniors, juniors, and sophomores (10:00 am - 4:00 pm); Residence halls open (1:00 pm); Foreign Language Placement Test in Liberal Arts Bldg., Room 204 (4:00 pm).

January 11, Wednesday ..................................... New Student and Freshmen Orientation and Group Counseling in the Liberal Arts Bldg., Room 106 (8:00 - 9:30 am); Departmental counseling for freshmen and new students (9:30 am); Pre-registration counseling in advisors' offices for graduates, seniors, juniors, and sophomores (10:00 am - 4:00 pm).

January 12, Thursday ....................................... Registration by schedule in Gym for freshmen, seniors, and Program Intent Graduates (8:00 am - 3:00 pm); Pre-registration counseling in advisors' pool in Liberal Arts Bldg. (8:00 am - 2:30 pm).

January 13, Friday ........................................ Registration by schedule in Gym for Sophomores, Juniors, Non-Program Intent Graduates and Senior Citizens (8:00 am - 3:00 pm); Pre-registration counseling in advisors' pool in Liberal Arts Bldg. (8:00 am - 2:30 pm).

January 14, Friday ........................................ Evening Registration for students registering ONLY in Extended Day, Weekend University, and/or Graduate Program courses (6:30 - 9:00 pm).

January 14, Saturday ...................................... Open Registration - All students (9:00 - 12:00 noon).

January 16, Monday ........................................... Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am - 12:00 noon).

January 21, Saturday ...................................... Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am - 12:00 noon).

January 22, Saturday ...................................... Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am - 12:00 noon).

January 27, Friday .......................................... Last day to register late, except by petition; Last day to add new courses for credit or to change from audit to credit except with consent of instructor (close 4:00 pm).

January 28, Saturday ...................................... Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am - 12:00 noon).

February 17, Friday ......................................... Last day to file application with department for admission to candidacy and graduation for Masters Degree; Last day to file application with Registrar for graduation for Baccalaureate and two-year or less degrees, diplomas, and certificates.

February 25, Saturday ..................................... Graduate Record Examination (GRE) at College of Idaho.

March 10, Friday ............................................. Mid-semester report issued; Notification of incompletes from previous semester; Last day to file application with department for final Masters written examination.

March 13-19, Monday through Sunday .................. Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am - 12:00 noon).

March 18, Saturday ......................................... Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am - 12:00 noon).

March 20, Monday ........................................... Classes resume.

March 24, Friday ............................................. Last day for withdrawal.

April 8, Saturday ............................................ Final written examination for Masters Degree.

April 15, Saturday .......................................... Last day to submit final copy of Masters thesis and projects with department.

April 20, Thursday ......................................... Last day for final oral examination in defense of thesis and applied project for Masters Degree; Last day to add classes; Last day to register by petition.

April 22, Saturday .......................................... Graduate Record Examination (GRE) at College of Idaho.

May 5, Friday ................................................ Classroom instruction ends.

May 8-11, Monday through Thursday ..................... Semester examinations.

May 11, Thursday ........................................... Spring Semester ends (5:00 pm); Residence halls close (6:00 pm).

May 14, Sunday ................................................ Commencement.

SUMMER SESSION

June 10, Saturday 8:30 am-12:00 noon (L247) ........ Graduate Record Examination.

June 12, Monday 9:00 am-1:00 pm .......................... Registration in Gymnasium.

June 13, Tuesday .............................................. 8 Week Session Until August 4.

June 13, Tuesday .............................................. First 5 Week Session Until July 14.

June 16, Friday .................................................. Last Date to File for Summer Graduation Diploma.

July 8, Saturday 8:30-12:00 noon (L247) ............... Graduate Management Admission Test.

July 14, Friday 1:00 pm-4:00 pm .......................... Registration in Student Union Bldg.

July 17, Monday ............................................... Second 5 Week Session Until August 18.

* Registration card and payment for these tests should be mailed to ETS at least four weeks before the test date.
PART I

General Information & Admissions

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 Services, the Vocational-Technical Education School, and the Graduate School. Undergraduate degrees are offered in many fields, and graduate degrees are offered in elementary and secondary education, business administration and public administration.

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

The paramount role of a university 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 university student needs a broad education to equip him for mobility in employment, in social life, in community, state and national citizenship, and that each student deserves an environment that contributes to his total growth as an individual. Therefore, the university 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 university 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 knowledge 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.

We further believe that a state university 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, vocational 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 university is influencing the thought and behavior of its students and in the 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 University is fully accredited with membership in the Northwest Association for Schools and Colleges. Boise State holds permanent membership in the College Entrance Examination Board and the College Scholarship Service Assembly, is on the approved list of the American Association of University Women and is a member of NCAA Division 2A in all sports. Professional accreditations include the following:

- Associate Degree Nursing Program by the National League for Nursing and by the Idaho State Board of Nursing.
- Dental Assistant Program by the Council on Dental Education and the American Dental Assistant Association.
- Medical Record Technician Program by the Council on Medical Education of the American Medical Association in collaboration with the American Medical Record Association.
- Respiratory Therapy Program by the American Medical Association Council on Medical Education in collaboration with the Joint Review Committee for Respiratory Therapy Education.
- Department of Music is a member of the National Association of Schools of Music.
- Social Work Program by the Council on Social Work Education.
- Provisional Professional Accreditations include:
  - Baccalaureate Degree Nursing Program by the Idaho State Board of Nursing.
  - Radiologic Technology Program (Associate Degree) by the Joint Review Committee on Education in Radiologic Technology.

High School and University Relations

The Director of High School and University 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 University. This also includes coordination of high school visitation and the follow up with high schools and junior colleges throughout the state of Idaho.

ADMISSIONS OFFICE

All matters relating to admission to the University are administered by this office. In addition to admissions, this office has general administrative responsibility for foreign student admissions and counseling, course schedule preparation, classroom scheduling, maintenance of student academic records, and enforcement of academic dismissals and readmissions. Responsibility for planning and supervising registration activities is shared with the Registrar.

Students applying for admission to Boise State University may be granted admission as matriculated students, may be granted admission as non-matriculated students, or may be denied admission. Students enrolling for 7 or fewer hours may elect to remain non-matriculated, but students enrolling for 8 or more hours must fully matriculate early in their first semester in order to remain in good standing.

Requirements For Admission To The University

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

I. Students wishing to enter B.S.U. 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 (The matriculation fee may be waived by the Admissions Office in documented cases of financial need and/or scholastic excellence).
      3. An official high school transcript showing date of graduation or a GED certificate showing acceptable test score.
GENERAL INFORMATION

Admissions

STATUS (Regular or Provisional) must be fully matriculated and must, therefore, submit prior to the deadline date:
1. A completed GRADUATE application
2. A $10 matriculation fee (Full-time graduate students who received their undergraduate degree at B.S.U. are exempt from the $10 fee, UNLESS they are pursuing a Master's degree.)
3. Official transcripts from all post-high school institutions attended

NOTE: A PREREQUISITE DATA form must be on file before the Graduate Admissions Committee will act upon an application for admission to the Graduate School in the MPA or MBA Programs. Passing GMAT scores are also required for the School of Business.

II. Graduate students wishing to enter B.S.U. part time with UNCLASSIFIED STATUS (non-program, admitted to B.S.U. but not admitted to the GRADUATE SCHOOL) must submit:

1. Only a completed application.
2. Graduates wishing to earn a second B.A. degree and/or qualify for Idaho Teacher Certification must submit to the Graduate Admissions Office complete, official transcripts from all post-high school institutions attended.

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 delays in registration.

Certificate of Admission—Applicants for admission whose credentials have been accepted will be given permission to register at Priority Registration 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 before registration a Certificate of Admission.

* Permission to enroll full time (8 or more hours) is contingent upon satisfaction of all matriculation, academic, and financial requirements set by Boise State University.

** 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. Specifically, students requesting acceptance of such credit will furnish the Admissions Office of Boise State complete official transcripts and catalog course descriptions. After earning not less than 15 semester hours credit from a non-accredited institution (other than Boise State University), students may petition the appropriate Department Chairman for acceptance of all such credit. Credit denied on the basis of such practice may be sought by examination.

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

A. ADMISSION AS REGULAR STUDENTS

DOCUMENTATION REQUIRED

Admission to the University is based upon credentials showing graduation from an accredited high school. High School Equivalency Certificates or acceptable GED scores (35 or above on all five tests with an average of 45 or above for all tests) will be accepted in lieu of a high school transcript provided that the applicant has been away from high school for at least one year preceding his application and providing the applicant is at least 18 years of age.

VOCA TIONAL-TECHNICAL STUDENTS

The School of Vocational-Technical Education normally admits applicants to regular full-time preparatory programs who are high school graduates or who have successfully completed the G.E.D. tests. 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
GENERAL INFORMATION

Admissions

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 University 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. Credits in Vocational or Technical programs are not normally transferable toward an academic degree.

TRANSFER STUDENTS

A transfer student, whether resident or non-resident, must have a minimum GPA of 2.00 or above in all prior collegiate work completed or have cleared the probationary provision outlined under section D, page 14. ACADEMIC PROBATION & DISQUALIFICATION. All decisions relating to admission of foreign students will, however, be made by the Foreign Student Admissions Officer.

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.

FOREIGN STUDENTS

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

Credentials: Official transcripts and/or certified copies of the certificate, diploma, or government examination report received on completion of secondary school work and the degree, license, or diploma received on completion of any college or university, must be sent by the certifying agency directly to the Admissions Office and must be translated into ENGLISH.

English Proficiency: All foreign applicants are required to take and receive a satisfactory score on TOEFL (Test of English as a Foreign Language) or other examinations acceptable to Boise State University. Arrangements to take the TOEFL examination may be made by writing directly to TOEFL Educational Testing Service, P.O. Box 592, Princeton, New Jersey 08540, U.S.A. The test must be taken and the scores received by the University prior to a decision on admission of the applicant.

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

Academic Advising: Advising in academic matters is provided to foreign students by the foreign student admissions office until such time as English language requirements for degree programs have been made.

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 University.

Health and Accident Insurance: Boise State University recommends that foreign students accepted for admission have health and accident insurance. Boise State University 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 GMAT scores (Graduate Management Admissions Test). The score on the GMAT is considered together with the GPA to determine admissibility of the student to the MBA Program. A TOEFL score of at least 525 must be achieved.

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 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 Foreign Student Admissions Officer.

B. ADMISSION AS SPECIAL UNDERGRADUATE 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. Normally, special status will not be granted to anyone less than 18 years of age unless, following a personal interview with the Dean of Admissions, it is deemed in the best interests of the student. Students admitted on special status are encouraged to complete matriculation requirements within the first semester of attendance. A special student is not eligible to become a candidate for graduation until he has satisfactorily met entrance requirements or until he has completed 32 semester hours of work in the University with a grade point of 2.0 or better.

C. ADMISSION AS GRADUATE STUDENT

See page 132 for specific requirements.

D. ADMISSION WITH ADVANCED STANDING

Students entering from other colleges must present proof of honorable dismissal and official transcripts mailed directly to the Dean of Admissions. Students entering from other institutions must comply with the same scholarship regulations as are applied to students previously enrolled in the university. After evaluation of transcripts students are classified as freshmen, sophomores, juniors, seniors or graduates.

In accordance with Idaho statutes as approved by the State Board of Education, the acceptance of credits from Junior College is uniform for both certification and transfer purposes and no more than 64 semester hours or 1/2 the total hour requirement of the specific curriculum is established as the uniform maximum limit effective September 1, 1950.

E. ADMISSION REQUIREMENTS TO UPPER DIVISION

JUNIOR STANDING—A student must have earned 57 acceptable semester credit hours of college-level work before he is classified a junior.

UPPER DIVISION COURSES—Upper Division courses are open to a student who:
1. Has completed stated course prerequisites and.
2. Has completed 57 semester credits of college work. Lower Division students who have a G.P.A. of 2.0 or better may take Upper Division Courses if:
   1. The Upper Division course is required during the sophomore year in a specific curriculum in which the student is majoring, or
   2. The student has the written permission of the Chairman of the Department in which the course is offered and concurrence of his advisor.

ACCEPTANCE INTO THE PROGRAM

A student must declare his major upon entering the upper division. The Registrar will evaluate the student’s transcripts for acceptance into the university. 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.

F. CHALLENGING COURSES & CREDIT BY EXAMINATION

It is possible for a student to challenge a university 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, consult with the Department Chairman and determine which one of the following options will be selected:

1. For a regular grade:
2. 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.

G. 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 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 2). 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 until after mid-semester examinations (see specific date on College Calendar).

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 BSU refund policies pertaining to general fees.

H. STUDENT RECORDS

When a student enters the University and submits the requested personal data, there is an assumed and justifiable trust placed upon the University to maintain security of that information for the protection of the rights of the student. In order to protect students against potential threats to their individual rights inherent in the maintenance of records, and the many disclosures requested regarding them, and in compliance with the Family Educational Rights and Privacy Act of 1974, the University has adopted BSU Policy 5-1 (Student Records). The policy statement in its entirety is contained in the Administrative Handbook of Boise State University. Any students, faculty, or staff who have questions regarding the records policies of Boise State University may consult with the Vice-President for Student Affairs.

I. RESIDENCY REQUIREMENTS FOR FEE PURPOSES

The legal residence of a student for fee purposes is determined at the time of initial application and will be reconsidered thereafter, upon request by the student. Appeal affidavits must 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 is 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 twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

(c) Any student 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 the purpose 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 or civil service.

(g) A person under the legal voting age, married, and who together with spouse has continuously resided in the state of Idaho for twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

(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 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 University of Idaho, meeting in regular session July 6, 1973, 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.

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.

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.)

GENERAL INFORMATION
Fees & Charges

1. For a regular grade:
2. 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.
GENERAL INFORMATION
Fees & Charges

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 University.

Full Time
Idaho Resident Non- Resident
Tuition: (per semester) $ 0 $520.00
Institutional Fees 183.00 183.00
TOTAL TUITION & FEES 183.00 703.00

*Includes 3% Idaho Sales Tax

OTHER FEES

Part-time $20.00 per semester hour
Summer 21.00 per semester hour
Audit 15.00 per semester hour

Application Processing Fee: (Non-Refundable) 10.00

Testing Fee:
Students who have not taken the ACT tests on a regular national testing date may take the test during registration week 13.00

Duplicate Activity Card Fee 5.00

Music, Performance:

All private music lessons: 2 credits $ 55.00
4 credits 110.00

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.

SPECIAL WORKSHOP FEES:

Special Workshops are conducted throughout the year which are not part of the regularly scheduled courses or workshops funded through the University 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.

STUDENT ENROLLMENT VERIFICATION

For the purposes of student verification to banks, the Social Security Administration, BEOG, Federal and State Grants-in-Aid, scholarships, other universities, etc., the following schedule will be used.

Undergraduate:
Full-time -12 or more undergraduate semester hours 3/4 time -9-11 undergraduate semester hours 1/2 time -6-8 undergraduate semester hours Less than 1/2 time- 5 or less undergraduate semester hours

Graduate:
Full-time -9 or more graduate semester hours 3/4 time -6-8 graduate semester hours 1/2 time -4-5 graduate semester hours Less than 1/2 time-3 or less graduate semester hours

RESIDENCE HALLS:

Meal Options:
Option A: 7-day/20 meals (breakfast, lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
Option B: 7-day/14 meals (lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
Option C: 5-day/10 meals (lunch, dinner, Monday through Friday)

Rates:

Morrison and Driscoll
Double: A: $1285 B: $1270 C: $1220
Single: A: 1480 B: 1465 C: 1415

Towers:
Double: A: 1285 B: 1270 C: 1220
Single: A: 1480 B: 1465 C: 1415

The residence halls normally are closed during Thanksgiving vacation, semester break, and Spring vacation. Students staying in their rooms at the residence halls between semesters and during Spring vacation will be charged $2.00 per day.

Married Student Housing

University Courts: Small one: $87. two: $133
Large one: $117 three: $153

University Manor:
University Heights: one: $133.00 two: $158.00

Rates include phone charges and state sales tax.

Off campus meal rates are respectively: A $828, B $813, C $763.

Refunds for terminations of the contract which are approved will be made on a pro-rata basis for the unused portion of board and payment made previously. Any students who receive such a refund and who have been recipients of financial aid which has been applied towards their housing payments must assume the responsibility for repaying the appropriate financial agency from which they received their funds.

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

REFUND POLICY

General fees—When any regularly enrolled student withdraws from Boise State University 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%
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. 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.
Students who withdraw during the refund period and who have used student aid funds to pay all or part of their registration fees, tuition, or room and board costs will be refunded only an amount proportionate to the amount originally paid with personal funds. The rest of the refund will be returned to the appropriate student aid fund.

**ADMINISTRATIVE WITHDRAWAL**

B.S.U. POLICY 30-6

A student's registration may be cancelled after proper notification, for Delinquent Financial Accounts, i.e., bad checks, library fines, overdue loans, bookstore, or housing accounts; Incomplete Admissions File, i.e., failure to submit transcripts, medical form or test scores; Failure to respond to an official summons; Falsification of Admissions Application or other University Records; and Exhibiting Behavior which constitutes a clear and present danger to oneself and others.

The Vice President for Student Affairs, Dean of Admissions, the Director of Administrative Services, and Registrar will initial procedure for notifying delinquent students of the pending action by certified mail. If no effort is made to correct the situation within two weeks after notification the request for an Administrative Withdrawal is sent to the Dean of Student Advisory & Special Services for final action.

**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 Registrar, 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 Registrar for stripping, a subsequent registration is required when fees can be paid.

**AUDITING OF ACCOUNTS**

All funds for public purposes within the University and subject to the jurisdiction of either the University 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 University are required to take insurance coverage which is paid with regularly assessed institutional fees. Students who are covered by family or other plans may obtain a refund through application to the insurance agent for Boise State.

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

**PARKING**

LIMITED PARKING is available on campus for faculty, staff and students. All persons parking on campus are required to register their vehicles with the Parking Control Office and obtain a parking decal.

The City of Boise administers the parking control program as adopted by the University, and all tickets are payable to the City of Boise.
The four story Library-Learning Center is located in the center of the campus facing the Memorial Fountain and Mall. It has been planned to provide an attractive setting for reading, study and research.

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, Educational Media Services, the Counseling Center, the Graduate Dean's Office, the Honor's Program, faculty offices, and classrooms.

Seating is provided for about 1400 readers at large tables, individual study carrels, and lounge area 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 collection numbering over 230,000 volumes. The building includes numerous features to facilitate use by handicapped students.

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 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 university students and faculty. Electronic and stereo carrels provide listening facilities.

The library's map collection, a major portion of the general book collection, and several special collections, including Senator Len B. Jordan's senatorial papers, the Earl Wayland Bowman and Paul E. Tracy collections are located on the third floor.

The 'Periodical' and Documents' department, located on the fourth floor, receives over 2,000 current periodicals and over 50 newspapers, including Idaho, national and foreign newspapers. The Library is a partial depository for U.S. government publications, Idaho state documents, and Rand Corp. Publications.
ACADEMIC INFORMATION

CLEP

EDUCATIONAL OPPORTUNITIES AT BOISE STATE UNIVERSITY

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 University offers several options for educational advancement.

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 BSU Administrative Handbook:

B.S.U. Policy

30-1 Credit by Examination

30-1A CLEP

30-1B Advanced Placement

30-1C Credit for Prerequisites Not Taken

30-1D Independent Study

30-5 Second BA and/or Double Major

30-7 Student Advisement Consideration

30-10 Mathematics Placement Examination

30-11 Honors Program

30-13 Servicemen's Opportunity College Program

Internship

CREDIT BY EXAMINATION (CHALLENGE)

Any student may challenge a BSU course offering, subject to department determination of appropriate courses, 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.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

The present policy at BSU for awarding credit on the basis of CLEP examinations is as follows:

CLEP SUBJECT MATTER EXAM

Boise State will accept CLEP Subject Matter Examination scores at a Department-determined percentile score for equivalent courses. The student who submits official CLEP Subject Matter Examination scores must make application and enroll at Boise State at the time of submission of CLEP scores.

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

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

Boise State currently accepts test scores of CLEP in the following subject matter areas. (Minimum passing scores are indicated after each examination title):

CLEP EXAMINATION TITLE

*English Composition (50)

*Analysis and Interpretation of Literature (50)

*Biology (50)

General Chemistry (48)

College Algebra- Trigonometry (49)

Calculus with Analytic Geometry (50)

Statistics (50)

Introduction to Accounting (50)

Computers and Data Processing (50)

Introductory Sociology (50)

American Government (50)

Intro. Bus. Mgmt. (60)

Intro. Bus. Law (60)

Introductory Marketing (50)

General Psychology (50)

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

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

**The department will require one additional local exercise

CLEP GENERAL EXAM

Boise State will accept CLEP General Examinations at a university-determined percentile score for equivalent credits. The student who submits official General Examination scores must make application and enroll at Boise State at the time of submission of CLEP scores.

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

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

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

CLEP EXAMINATION TITLE

English

Natural Science

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

Score of 571 or above 8 credits in Area III

Mathematics

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

Score of 567 or above 6 credits in Area I

Humanities

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

Score of 567 or above 6 credits in Area I

Social Science - History

Score of 489-565 (50th - 75th) 3 credits in Area II

Score of 566 or above 6 credits in Area II

*National College Sophomore Norm Group

Maximum possible credit by CLEP General Examinations - 24 semester hours credit.

The Faculty Senate must approve any proposed changes of the percentile rank at which General CLEP Examination credit is given.
GENERAL INFORMATION
Many colleges and universities, including Boise State, accept the General Examinations and the Subject Matter Examinations as an alternate way by which a student may satisfy certain general education requirements or specific course or premajor requirements.

Students generally become prepared to take the exams by:
1. Studying independently
2. Having advanced High School courses that parallel those offered by the college.
3. Having previously audited the courses
4. Attending non-accredited schools, etc.
5. Correspondence-extension work
6. Educational Television courses
7. Travel.
8. Study in the Armed Forces or at proprietary schools
9. On-the-job training and experience

You may not repeat a Subject Examination within a year. If you do, your scores will not be reported and your test fees will be forfeited. You may repeat the General Examinations once within a year's time if you make special arrangements.

Cost
General Examinations (5 tests) ............... $20 for each test
or $30 for 2 tests, $40 for 3 or 4 or 5 tests
Subject Examinations

For information related to taking a CLEP Examination, contact Darlene Pline at the Counseling and Testing Center located in the Library Building, Room 247, phone 385-1601. Students seeking information about this and other advanced placement policy should contact Dr. William P. Mech, Director, Honors Program, Library Building, Room L408G, phone 385-1122.

ADVANCED PLACEMENT
The Advanced Placement Examinations offered through the College Board are generally accepted by the appropriate department when a score of three or higher is attained; in some cases the essay or problem portion is requested for review.

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.

CREDIT FOR PREREQUISITES NOT TAKEN
Students who are deemed qualified may take designated courses without having taken the listed prerequisites. In some cases, the student may receive credit for the prerequisite course or courses bypassed.

INDEPENDENT STUDY
The availability of independent study opportunities for graduate students, upper-division students, and Honors Program lower-division students represents one of several unique curricular opportunities at Boise State University. 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 university 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.

SECOND B.A. AND/OR DOUBLE MAJOR
A minimum of 30 additional semester hours of resident work beyond the hours required for the first degree are required for each subsequent degree.

A student may be granted a single baccalaureate degree with more than one major, providing that he satisfied all requirements for each major field as well as satisfying all requirements for the degree sought.

STUDENT ADVISEMENT CONSIDERATION
As a general practice, it is essential that advisors program lower-division students into lower-division courses and schedule upper-division students into upper-division courses.

MATHEMATICS PLACEMENT EXAMINATION POLICY
Tentative placement in the 100-level courses will be based on the ACT mathematics subscore. This placement is, however, only tentative and final placement will depend on the results of a test given the first meeting of the course.

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.

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 university rules, and the Honors courses he or she has taken will be applied toward the General University Requirements for Graduation.

HONORS COURSES
Each Honors student takes special honors courses, some of which are expected of all those enrolled in the program. These courses are taken in lieu of, rather than in addition to, the standard requirements. 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:

- English
- American History
- Western Civilization
- Mathematics
- Economics
- Geology
- Domain of the Arts
- Honors Seminar
- Independent Study
- Summer Reading
Outreach

SERVICES AND PROGRAMS

EDUCATIONAL PROGRAMS, SPECIAL COURSES, AND COMMUNITY SERVICE OBJECTIVES

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

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

SPECIAL SERVICES AND PROGRAMS

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

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

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

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

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

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

The Center for Data Processing represents a service agency. All students, faculty, and staff are encouraged to make full use of our facilities. Charges are not made relative to the department or agency. All students, faculty are encouraged to make full use of our facilities, appropriate charges are made relative to the department or agency. Charges are made at the rate cost to the school. Presentations may be scheduled for single classes or collective classes. Some of these presentations may be given as many as three times during that day. Three weeks advance notice is necessary for proper scheduling.

Speaker's Bureau — As a service to the region and state, Boise State has organized a faculty and staff speaker's bureau, whose members have volunteered to present lectures and/or talks before community groups and organizations. Write or call the News Bureau at 385-1111 to make requests.

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

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

INSTRUCTIONAL PROGRAM AND SPECIAL COURSES

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

Weekend Program — This program is a continuing approach designed to make university offerings accessible to more of the people who wish to take courses but are unable to attend day or evening classes or who find weekend attendance better suited to their time schedule.

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

Adult Basic Education Program — Basic literacy training for adults in the community is offered 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.

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

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

Special Interest Group Courses and 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 University's instructional program.

Educational Television is provided the residents of Treasure Valley from Boise State University, 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 University 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. For more information about summer programs contact the Office of Continuing Education and Summer Sessions, Boise State University.

CONTINUING EDUCATION

Educational needs of citizens of the ten southwestern counties of Idaho are being met by the Continuing Education Program at Boise State University. Both credit and non-credit courses are offered in this region with boundaries north to New Meadows, east to Glenns Ferry, south to the Nevada border and west to the Oregon border.

Graduate and undergraduate courses may be organized when there is sufficient enrollment for a class and a qualified instructor is available.

Although classes usually meet on a semester basis, they can be started at any time during the semester. Continuing Education has the authority to negotiate with school districts, organizations and business concerns to provide more effective in-service courses and workshops designed around their particular educational needs.

McCall Summer Program — A wide range of University courses - both graduate and undergraduate - are offered at McCall during the summer months.

Mountain Home Air Force Base Program — Boise State University 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.

Correspondence Study in Idaho is coordinated and administered by the Correspondence Study Office located on the University of Idaho Campus. Courses are written and graded by approved faculties of the University of Idaho, Boise State University, Lewis-Clark State College, and Idaho State University. Continuing Education serves as the contact office on the BSU Campus.

CIVIC IMPROVEMENT EFFORTS

Boise State University 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

Continuing Education/Off-Campus Programs — For more information about these programs and/or courses to be held off of the main University campus, contact the office of Continuing Education and Summer Sessions, Boise State University, 1910 University Drive, Boise, ID 83725, phone 385-3293.

CONTINUOUS REPORT OF ACTIVITIES

Boise State University maintains a daily activity information service on a special telephone line. Current information concerning activities taking place on campus is available. The automatic answering device will give information concerning student activities, sports and other events taking place daily on campus. The number may be dialed at any time, day or night. It is listed in the campus directory and Boise telephone book.

Academic Regulations

REGISTRAR:

The Registrar has direct responsibility planning for, maintaining and up-dating the University's student record system, which includes maintaining a duplicate set of transcript records on microfilm, certifying masters, baccalaureate and two-year degrees; administering veterans and Social Security benefits certifications; certifying student grade point averages for the Dean's List, student body offices, etc.; processing all changes of enrollment including withdrawals from the University; providing transcript service for students, both current and inactive; providing enrollment data to federal and state agencies; taking care of inquiries concerning evaluation of credit earned at Boise State University or other institutions; certifying eligibility for athletic participation; and has joint responsibility with the Dean of Admissions to plan and supervise regular and late registration.

In addition the Registrar is responsible for publishing an annual enrollment report, probation and dismissal lists, and lists of graduates.

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.
P - Pass — No quality points.
CR - Credit — No quality points.
NC - No Credit — No quality points.
I - Incomplete.
W - Withdrawal — No quality points.
S - Satisfactory — No quality points.
U - Unsatisfactory — No quality points.
AUD - Audit — No quality points.
NR - No record.
NG - Non-gradable.
ACADEMIC INFORMATION

Regulations

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 courses.
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 Incomplete 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".

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 Independent Study where the instructor refuses to permit the student to retake the study, where the student cannot secure permission from another instructor to accept the program of study; or, where the instructor has left the institution, the grade of 'F' upon recommendation of the department chairman, reverts to a 'W'.

A student who received a grade of D in a given course may repeat that course to raise his grade, if in the meantime 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.

Courses in which a student receives a grade of "D" or "F" may be repeated/retaken only once. If a student receives a grade of "D" or "F" a second time, the course cannot be repeated at Boise State University. Independent studies, internships and student teaching may be taken only once and are not repeatable. A grade of "C" or better must be attained in the course if required in the student's major area.

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 Freshmen, 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 second semester.

A student enrolled for 8 semester hours or more will be considered a full-time student for fee paying purposes only. See Page 6 for further information.

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 University for participation in University sponsored activities, or necessitated by sickness or other personal emergency, are "excused" in the sense of relieving the student of responsibility for work assigned or carried on by a class during his absence. It is his responsibility 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, regardless of the cause of the absence. If any student accumulates absences to the extent that further participation in the class seems to be of little value to him and detrimental 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

The student whose academic work indicates that he cannot continue in Boise State University with profit to himself and credit to the institution will be placed on probation; and if he continues to fail to improve on probation for two semesters, he will be subject to dismissal from Boise State University. Satisfactory performance means the orderly progression toward graduation 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 university as a full-time student for a period of two consecutive years, may upon returning full-time to Boise State University credit status and completing a semester of full time work (12 hours or more) with a grade point average of 2.25 for that first semester, make application to the dean of the School for removal of any grade below 1.0 given by this institution. 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 transcript 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 two the total credit hours in which he has been enrolled and subtracting 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 Boise State University, unless special permission to continue in attendance is obtained from the dean of the school in which the student was placed on probation. 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 dismissed 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.

Students on probation are ineligible for participation in University sponsored extra-curricular activities (see Eligibility for Extra-Curricular Activities section in the BSU Student Handbook).

E. ADMISSION ON PROBATION

Students wishing to transfer to Boise State University 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 in the preceding section D. Academic Probation and Disqualification.

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 clearance and signature. The date on which the Registrar signs the change card will be the official withdrawal date.
**ACADEMIC INFORMATION**

**Regulations**

**J. UNDERGRADUATE ENROLLMENT IN 500-LEVEL COURSES**

Undergraduate students at Boise State University 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.

**K. VETERANS**

The VA requires veterans who request GI Bill benefits to submit official transcripts from all previously attended colleges, whether the veteran is full or part time.

Veterans attending under the G.I. Bill (Chapter 34) or under the Dependancy Educational Assistance (Chapter 35 - widows, orphans and wives and children of 100% disabled veterans) can apply for their benefits through the Office of Veterans Affairs on the B.S.U. campus.

Those attending under Chapter 31 (Rehabilitation Program) must present an Authorization of Entrance or be charged tuition and fees. Upon presentation of this Authorization, complete refund will be made.

Veterans (Chapter 34) and Eligible Persons (Chapter 35) who plan to attend on the GI Bill must, upon registration, pay all required charges. Veterans (Chapter 31) must present, upon registration, an Authorization of Entrance. Twelve credit hours for undergraduate students and nine credit hours (500 level or 400G level) for graduate students will be considered full time for educational benefits by the Veterans Administration as a full schedule. Note: Audits and repeats may not be counted toward these hours.

All veterans pursuing a second baccalaureate degree must have an official evaluation. Official copies of the evaluations must be presented to the VA Regional Office, the veteran, and Boise State University. Only those courses that are applicable for the degree objective will be considered in determining VA educational payments.

Veterans enrolled in graduate programs are required to file a Program Development Form with the Graduate Admissions Office. Only those courses that are applicable for the degree objective will be considered in determining VA educational payments.

The following schedule will be adhered to in certifying veterans to receive benefits from the Veterans Administration:

1. If the veteran is a graduate student, his benefits will be determined by the number of hours he enrolls for according to the following schedule:
   - 9 or more semester hours - full time
   - 6 - 8 semester hours - 3/4 time
   - 4 - 5 semester hours - 1/2 time
   - Less than 4 semester hours - Registration fee only

2. If the veteran is an undergraduate student, his benefits will be determined by the number of hours he enrolls for according to the following schedule:
   - 12 or more semester hours - full time
   - 9 - 11 semester hours - 3/4 time
   - 6 - 8 semester hours - 1/2 time
   - Less than 6 semester hours - Registration fee only

**L. SERVICEMAN'S OPPORTUNITY COLLEGE**

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

Regulations

for program completion represents a new commitment to education.”

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

1. Entrance into this program by a serviceman will be through a signed agreement between the student and the University, specifying responsibilities of both the student and the University.

2. The agreement shall terminate six years from date of approval or six months after serviceman’s separation from active duty; whichever comes first.

3. The agreement (and thus the SOC Program) will be made available to only those servicemen who have successfully completed with a GPA of 2.25 or above fifteen (15) or more hours of college credit through B.S.U.

4. Residency requirements other than the initial 15 hours prior to the signing of the contract will be waived.

5. Acceptance of any serviceman into the SOC Program is contingent upon the agreement of the given department in which jurisdiction that program lies.

6. No school or department shall be compelled to offer a SOC Program — such programs are voluntary.

For information concerning the G.F. Bill contact the Office of Veterans Affairs in Adm.-114, (208) 385-1679.

M. TRANSFER OF VOCATIONAL-TECHNICAL/Academic Credits

1. Block transfer of vocational-technical and/or academic credits:

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

   Similarly, block transfer of academic program credit from an accredited institution of higher education into a specific vocational-technical program at Boise State University may be awarded as determined by the appropriate division, department, or committee.

   No grade shall be assigned and such transfer applies only to the agreed upon transfer program.

2. Transfer of equivalent vocational-technical course credits and/or academic credits:

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

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

3. Transfer of non-equivalent vocational-technical and/or academic unit course credits:

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

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

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 32 of this bulletin.

FRESHMAN YEAR:  

<table>
<thead>
<tr>
<th>AREA</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tr>
<td>I.</td>
<td>English Composition</td>
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<tr>
<td>I.</td>
<td>Area I Requirements</td>
<td>3</td>
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<td>I.</td>
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</tr>
<tr>
<td>I.</td>
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<td>4</td>
</tr>
<tr>
<td>I.</td>
<td>Elective in School of Business</td>
<td>3</td>
</tr>
<tr>
<td>I.</td>
<td>Elective in School of Business</td>
<td>16</td>
</tr>
</tbody>
</table>

Each area consists of courses from the following fields:

AREA I

Art, Literature, Philosophy, Humanities, Music, Theatre Arts

FOREIGN LANGUAGE (102 or higher of one language)

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, GQ, 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:


   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.

16
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 and upon the completion of 70 credit hours.

Requirements for graduation are checked in accordance with the requirements in one university 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 academic years prior to the year of graduation.

GENERAL UNIVERSITY (CORE) REQUIREMENTS
To receive a Baccalaureate degree from Boise State University 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 Developmental Writing (E010) and to pass with an S grade before being admitted to E 101.

BACCALAUREATE DEGREES
Minimum Graduation Requirements (Credits)

ALL BACCALAUREATE DEGREES

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

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.

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 university during the regular or summer sessions.

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

Such correspondence courses must be completed and the transcript filed with the registrar prior to mid-term of the semester in which the last 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 University 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.
ACADEMIC INFORMATION
BA Requirements

BACHELOR OF ARTS DEGREE
Minimum Requirements (Credits)

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

B. Area I requirements  ......................................... 12**
   1. Three credits in Literature
   2. Three credits in a second field
   3. Three credits in a third field
   4. Three credits in any Area I field

Area I is composed of the following fields:
   Art AR
   Humanities HU
   Literature MA, ME MU
   Philosophy PY
   Theatre Arts TA
   Foreign Language (102 or higher of one language)

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

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 except no more than
      two from a single department:
      Biology - Concepts of Biology
      Chemistry - Concepts of Chemistry
      Geology - Fundamentals of Geology
      Mathematics - Cultural Approach to Math
      Physics, Engineering, and Physical Science

      Concepts and Consequences of Energy Utilization
      Introduction to Descriptive Astronomy
      Either Foundations of Physical Science or
      A Cultural Approach to Physics, but not both

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

E. Students seeking the B.A. degree must have an additional
   9 credits chosen from Area I and/or II.

F. Departmental major

* Determined by student score on ACT exam.
** Three credits may be in performance courses.
*** Literature - Courses in various departments concerned with the writings of
specific authors, periods, styles, themes, or geographic area.
**** The Physical Sciences include courses in Chemistry, Geology, Physical Sci-
ence and Physics.
BACHELOR OF SCIENCE DEGREE
Minimum Requirements (Credits)

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

B. Area I requirements ................................................................. 12
   Three fields must be represented
   Area I is composed of the following fields:
   - Art AR
   - Humanities HU
   - Literature
   - Music MA, ME, MU
   - Philosophy PY
   - Theatre Arts TA
   - Foreign Language (102 or higher of one language)

C. Area II requirements .............................................................. 12
   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
   Two fields must be represented
   1. A year's sequence chosen from:
      Biological Sciences
      Mathematics
      Physical Sciences
      with additional credits from a field other than that chosen to satisfy the sequence requirement.
   2. Any three of the following courses except no more than two from a single department:
      - Biology - Concepts of Biology
      - Chemistry - Concepts of Chemistry
      - Geology - Fundamentals of Geology
      - Mathematics - Cultural Approach to Math
      - Physics, Engineering, and Physical Science
      - Concepts and consequences of Energy Utilization
      - Introduction to Descriptive Astronomy
      - Either Foundations of Physical Science or
      - A Cultural Approach to Physics, but not both.
   Area III is composed of the following fields:
   - Biology B—BT—EH—Z
   - Chemistry C
   - Geology GO
   - Mathematics M
   - Physical Science PS
   - Physics PH
   - Engineering EH

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.
   - Three credits may be in performance courses
   - Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas
   - The Physical Sciences include courses in Chemistry, Geology, Physical Science, and Physics

BACHELOR OF BUSINESS ADMINISTRATION DEGREE
Minimum Requirements (Credits)

A. English Composition ................................................................. 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-105
      - Man and His Environment, B-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 areas listed below:

   - Area I
   - Area II
   - Area III

   - Humanities
   - Anthropology
   - Biological Sciences
   - Communication
   - Mathematics
   - Geography
   - History
   - Political Science
   - Psychology
   - Sociology

F. A major in Accounting, Business Education, Economics, Finance, General Business, Industrial Business, Information Sciences, Management, Marketing, Real Estate, or Office Administration meeting all specific requirements for the major—see requirements in Part V.
BACHELOR OF FINE ARTS DEGREE

A. General University Requirements
   1. English Composition
   2. Area I Requirements
      1. Literature
      2. Other courses
      No fewer than 3 credits selected from:
         - Introduction to Music
         - Introduction to Theatre
         - Introduction to Humanities
         - Introduction to Philosophy or Ethics
         - Foreign Language, 102 or higher of one language
   3. Area II Requirements
      1. Lower Division History
      2. Other courses
      No fewer than 3 credits selected from:
         - Political Science
         - Sociology
         - Anthropology
         - Psychology
         - Economics
         - Geography
   4. Area III Requirements
   5. Individual departmental majors in other parts of the catalog may specify how Area I, II and III requirements are to be fulfilled.

B. Bachelor of Music Degree

BACHELOR OF MUSIC DEGREE

Minimum Requirements (Credits)

A. General University Requirements
   1. English Composition
   2. Area I Requirements
      1. Literature
      2. Three credits in a second field
      3. Three credits in an Area II field
   4. Area II Requirements
      1. History
      2. Three credits in a second field
      3. Three credits in any Area II field
   5. Area III Requirements
   6. Foreign Language and Area III Requirements
   7. A major in Music
      - Performance and Theory-Composition Majors
      - Music Education Majors
      - Any two of the following courses

E. A major in Music with emphasis in Performance, Theory-Composition, or Music Education, meeting all specific requirements as defined on pages 62-69 in the catalog.
BACCalaurate Degree Programs

Boise State University 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
Combined Major Communications - English
Construction Management
Criminal Justice Administration
Earth Science Education
Earth Science Education 2A
Economics
Economics, Social Science Secondary Education Option
Elementary Education
English
English, Secondary Education Option
Environmental Health
Finance
General Business
Geology
Geophysics
German
Health Science Studies
History
History, Secondary Education Option
History, Social Science Secondary Education Option
Industrial Business
Information Sciences
Management
Marketing
Mathematics
Mathematics, Secondary Education Option
Medical Technology
Multi-Ethnic Studies
Music
Music, Secondary Education Option
Nursing
Office Administration
Physical Education, Secondary Education Option
Political Science
Pre-Law Studies
PreMed Studies
Pre-Dental Studies
Psychology
Real Estate
Social Science
Social Work
Sociology
Sociology, Social Science Secondary Education Option
Spanish
Theatre Arts
Theatre Arts, Secondary Education Option

NOTE: PRE-LAW CURRICULUM

Boise State University does not prescribe a pre-law curriculum; the student's plans should be based on his own interests and his own personal objectives in studying law. In general, the pre-law student should place emphasis not only on the acquiring of knowledge of the fundamental elements which define the nature and character of society but also on the development of methods of study, thought, and communication. Pre-law students have undergraduate degrees in political science, English, business, natural science, history, linguistics, communications and a host of other disciplines.

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

ADVANCED DEGREES

Master of Business Administration
Master of Arts in Elementary Education
Master of Arts in Elementary Education, Areas of Emphasis in Curriculum & Instruction, Content Enrichment, Reading, Special Education.
Master of Public Administration

OTHER DEGREES

Boise State University 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
Radiologic Technology
Respiratory Therapy
Registered Nursing
Fashion Merchandising—Mid-Management
Office Systems—Secretarial and word processing options
Marketing—Mid-Management
Criminal Justice Administration
Medical Office Assistant (Medical Secretary)

Associate of Applied Science

Child Care
Drafting Technology
Electronics Technology
ACADEMIC INFORMATION

COURSES

Diploma
A diploma will be granted upon successful completion of the following two-year programs:
  - Business Machine Technology
  - Food Service
  - Horticulture
  - Machine Shop
  - 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.

COURSE DESIGNATIONS
(see index for page references)

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

Boise State University can and will respond to the educational needs and wants of any and all students when expressed. Requests for courses to be offered whenever they are desired will be favorably received providing that a minimum of 12 students enroll in the class and a competent faculty member is available to teach the course.

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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 student 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.

### SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION

- **Department of Health Occupations**
  - Dental Assistant: DA
  - Operating Room Technology: OR
  - Practical Nursing: PN

- **Department of Heavy Technology**
  - Refrigeration Heating: RH
  - Industrial Plant Maintenance: PM
  - Machine Shop: MS
  - Electrical Lineman: EL
  - Welding: W

- **Department of Light Technologies**
  - Electronic-Mechanical Service Technician: ES, BM
  - Pre-Technical: PT
  - Drafting Technology: DT
  - Electronics: ET

- **Department of Mechanical Technologies**
  - Auto Body: AB
  - Automotive Mechanics: AM
  - Heavy Duty (Diesel) Mechanics: DM
  - Parts Counterman: PC
  - Small Engine Repair: SE

- **Department of Service Occupations**
  - Child Care: CC
  - Food Service Technology: FT
  - Horticulture Service Technician: HO
  - Office Occupations: OF

### 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 student both in the department or school, and for other students as well.

### UNIVERSITY-WIDE COURSE NUMBERS

#### UNDERGRADUATE

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

Independent study (188 and 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) The Internship number is available to academic departments to provide an opportunity for supervised "field-work" that is specifically related to the student's major field of study.

294-494 Conference or Workshop (0-4 credits) Conducted by outstanding leaders or qualified faculty in a particular field under the auspices of Boise State University.

297 Special Topics (1-4 credits)

496 Independent Study (1-4 credits) Individual study of either a reading or project nature. Offered on demand. Student must make application well in advance of this special study experience. May be repeated for a maximum of 9 credits; 6 credits in any one academic year. Prerequisite: consent of instructor and department chairman.

497 Special Topics (2-4 credits) Prerequisite advanced standing and consent of instructor and department chairman.

500-599 Selected Topics

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 (i.e., 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 Practicum

590-599 Project

592 Colloquium

593 Thesis

594 Conference or Workshop (Graded A through F)

595 Reading and Conference

596 Directed Research

Master's programs at Boise State University 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 (8) credits in any one semester or session.

597 Special Topics

598 Seminar

599 Short Term Conference or Workshop (Graded Pass or Fail)
ACADEMIC INFORMATION

Courses

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.

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 interdisciplinary 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.

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

RELIGIOUS INTEREST COURSES

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

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

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

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

II. History
   HY 332 The Medieval Church
   HY 310 The Reformation
   HY 331 Islamic Civilization
   HY 480 Seminar: History of Church and State in the U.S.

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

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

Student Affairs

OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS

The office of the Vice President for Student Affairs coordinates the activities of the University 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, Student Union, counseling, financial aids, and career planning and placement.

OFFICE OF STUDENT ADVISORY AND SPECIAL SERVICES

The Dean of Student Advisory & Special Services office provides general, personal, and educational advising, counseling, and assistance to all students.

Advisory Services encompasses the development and guidance of supportive activities for individual groups of students in the areas of handicapped, disadvantaged, women's, and minority affairs. Assistance is also offered to international students, veterans and other special students.

Special Services include the coordination and supervision of the Office of Veterans Affairs (OVA), the Educational Talent Search satellite office (ETS), the University Tutorial and Study Skills Referral program, publication of the BSU Student Handbook, the Servicemen's Opportunity College program (SOC), and the Campus Locator File. Facilities and liaison are also provided for the Veterans Administration's "Veterans Representative on Campus" program.

ALL COMPLETE WITHDRAWALS FROM THE UNIVERSITY as well as student petitions, special requests, appeals, and referrals are initiated and cleared through this office. (See page 14 of this bulletin).

Veterans Affairs

The office of Veterans Affairs provides services and assistance to all student and non-student veterans living within the University's normal service area. The Veterans Coordinator and his staff are responsible for an Outreach program of informing and advising all veterans of their eligibility for educational and other G.I. benefits. The office is responsible for establishing remedial, tutorial, and motivational education programs and for referring veterans to other campus and/or community agencies for counseling and special assistance.

25
STUDENT AFFAIRS
Career & Financial Services

Tutorial Assistance

Student Advisory and Special Services provides tutorial services for many lower division and some upper division courses. Tutors are trained to work with individuals and small groups of students having difficulty and in need of additional help outside of the classroom. A regularly scheduled "Drop-In-Center" is located on campus in the Vocational-Technical Learning Center free of charge. A "Referral System" has also been established whereby the student can arrange their own tutorial time schedule and pay the tutor out of their own funds.

Educational Talent Search

A satellite office of the Educational Talent Search program has been established in Student Advisory & Special Services to aid the low income youth (ages 14-27) in gaining entrance to the post-secondary school of their choice. Assistance is given in completing the necessary admissions application forms and securing financial assistance.

STUDENT UNION

The Student 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, 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 an 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, and the Ball Room with a capacity of 900 and offices for the Student Activities and Student Union Director, Associated Students, student organizations, Arbitr, and Alumni Office.

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

Your Campus Store

Located on the first floor of the Student Union Building, the Campus Store supplies all textbooks, study aids, general school supplies and other necessary campus merchandise. Students may also buy paperbacks, magazines, toiletry items, cosmetics, stationery, clothes, novelty items, candy, art supplies, and a variety of other commercial items. The BSU Campus Store also provides a check cashing service, key duplicating, rubber stamp making, xerox copying, and photo service for all members of the University community.

The management advises students to buy the textbooks required for their classes within 20 days after registration because excess books have to be returned to the publishers within a specified period of time after the beginning of classes. If students wait too long to buy their books they may find there are no textbooks available at the store.

The store has an excellent security system and shoplifters are prosecuted.

The Campus Store is open Monday through Friday from 8 a.m. to 5 p.m. with hours extended during the beginning of each semester.

HEALTH SERVICE

The Student Health Service assists the academic goals of students by providing 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 University, 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 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.

ALUMNI AFFAIRS OFFICE

The Alumni Office is located on the second floor of the Student Union Building. The function of the office is to coordinate activities of the Boise State University Alumni Association, a voluntary organization incorporated in 1967. Membership includes all individuals who have completed two semesters or more and entitles them to receive alumni news publications, placement services, use of the Student Union, Library and swimming pool 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 University. The office publishes a newsletter and periodical mailings keep the alumni informed of campus activities. 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 office hours.

CAREER AND FINANCIAL SERVICES

Career and Financial Services provides a program of advising and assisting students regarding financing their education, determining what they want to do when they graduate, and obtaining career employment upon graduation. The office is located in Room 117, Administration Building.

1. Career Services

Career and Financial Services provides career planning and placement assistance to students and alumni. This is an equal opportunity service. Basic services include:

1) Career Planning and Information. Professional staff are available to provide information and assistance regarding career choice and placement opportunities. Career and Financial Services maintains a career resource center in room 124, Administration Building, containing a growing library of career information, recruiting literature, the College Placement Annual, and other career references.

2) Credential Service

By establishing a placement file with Career and Financial Services, students may assemble a permanent file containing all the vocationally significant data at a time when instructors and
administrators remember them 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 campus. Each year, representatives from business, government and educational institutions arrange for interviews in the Career and Financial Services office.

II. Financial Services

Boise State University has a comprehensive financial assistance program which includes a variety of types of scholarships, loans, grants, and part-time jobs. Contact the Career & Financial Services office for application forms or additional information in Room 117, Administration Building.

NON-DISCRIMINATORY POLICY
It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to race, color, national origin, or sex, in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and 1976, and Sections 799A and 845 of the Public Health Service Act, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.

PURPOSE AND POLICY
The primary purpose of the financial aid program at Boise State University is to provide financial assistance and counseling to students who would be unable to attend without such help. Scholarships may be offered singly or in various combinations with grants, loans, and employment (College Work-Study).

Financial aid is available only for filling the gap between the student’s potential resources and yearly educational expenses. It is the policy of the University that the primary responsibility for meeting the cost of education rests with the individual student and/or his or her family. The expected contribution from parents and the student, individually, is determined by careful evaluation of a family’s financial strength based on information furnished in the financial statement as analyzed by ACT Student Assistance Program. The ACT analysis is one of several systems utilizing the uniform methodology approved by the U.S. Office of Education for determination of a student’s financial need. The ACF (ACT Common Form) is required to insure reasonable and equitable distribution of the limited resources available to the University.

APPLYING FOR AID
Because of differences in the various forms of assistance available through Career & Financial Services, three application forms are required.

Students seeking aid on the basis of financial need should complete the ACF, the Basic Educational Opportunity Grant application (BEOG) and the Boise State University Application for Financial Aid. Those seeking an award based on scholarship alone need complete only the Boise State University Application for Financial Aid 1977-78 and attach a grade transcript for use by the awards committees.

1. ACF (ACT Common Form) The ACT Common Form (ACF) for 1977-78 collects the family financial information needed to calculate ability to pay for college. The student (and family) completes the ACF, and the information provided will be used in evaluating the financial strength of the family/individual. All information will be treated confidentially. It is essential the ACF is completed accurately. To insure the accuracy of the data, ACT may request certified copies of the parents’ and/or student’s 1976 income tax returns at a later date. Do not send tax forms unless they are requested.

ACT will process the information received, on the ACF and perform an analysis of the information. A copy of the ACF and the analysis report will be sent to Boise State University. Incomplete or unsigned ACFs cannot be processed and will be returned to the student for completion. ACFs received without the proper fee will also be returned. Follow the instructions carefully to avoid delays in processing.

The ACT code listing for Boise State University is 0914.

A Student Confirmation Report (SCR) will be sent to the student, at the time the CR is sent to the University. There is no additional charge for this report. The SCR is sent to acknowledge receipt of the data and processing of an ACF and to confirm that an analysis has been sent to Boise State University.

11. Basic Education Opportunity Grants (BEOG) are an entitlement program intended as the basis for other types of financial aid awarded to undergraduates. To apply, students (and parents) must complete the BEOG application form and send it to the address indicated in the application (envelope provided). In five-to-six weeks, the student will receive a Student Eligibility Report. The SER must be sent to BSU. It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to race, color, national origin, or sex, in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and 1976, and Sections 799A and 845 of the Public Health Service Act, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.

IDENTIFICATION OF SELF-SUPPORTING (OR INDEPENDENT) STUDENT
Under Federal regulations, a student is eligible for consideration as an “independent student” for Federal student financial aid who:

1) has not and will not be claimed as an exemption for Federal income tax purposes by any person except his or her spouse for the calendar year(s) in which aid is received and the calendar year prior to the academic year for which aid is requested.

2) Has not received and will not receive financial assistance of more than $600 for the period listed in 1) above—calendar years 1976, 1977.

3) Has not lived or will not live for more than two consecutive weeks in the home of a parent for the above periods.

RESPONSIBILITY FOR VALID DATA - Parents, student applicants, and spouses should be prepared to certify that to the best of their knowledge the information contained in the ACF and BEOG are correct and complete. The University reserves the right to request copies of U.S. or State Income Tax Returns.

WARNING: ANY PERSON WHO KNOWLINGLY MAKES A FALSE STATEMENT OR MISREPRESENTATION SHALL BE SUBJECT TO A FINE, OR TO IMPRISONMENT, OR TO BOTH UNDER PROVISIONS OF THE UNITED STATES CRIMINAL CODE.

*Summary of ACF and the BSU Application for Financial Aid 1977-78
Students filing these two forms will be considered for:

Scholarships (filed by Feb. 1 with grade transcript)
STUDENT AFFAIRS
Career & Financial Services

Supplementary Educational Opportunity Grants
State Student Incentive Grants
Nursing Scholarships (a federal grant)
National Direct Student Loans
Nursing Student Loans
Waivers of Non-resident Tuition
College Work-Study (employment—see further details later in this section).

*Special applications are required for:

- Basic Grants (BEOG)
- Oregon State Scholarship Commission
- United Student Aid Funds (Nevada)
- Bureau of Indian Affairs
- Federally Insured Loans (guaranteed)
- Law Enforcement Education Program (LEEP)
- BSU loans (emergency or "short-term")

A student must reapply for financial aid each year. A financial aid transcript from other colleges or universities attended must be submitted (see second page of BSU Application for Financial Aid).

In order to receive prime consideration for any financial assistance, a BSU Application for Financial Aid 1977-78 must be on file by February 1, and an ACF filed by March 1.

You may wish to request information by program name in more detail from Career & Financial Services, Boise State University, Boise, ID 83725.

SUMMER SESSIONS

The University has financial aid available on a restricted basis during the summer. Priority for summer funds is given to continuing students. Students in need of financial aid who are planning to attend summer sessions should consult Career & Financial Services advisors when summer plans are being made in order to secure a summer award.

EXPENSES

Federal and state guidelines define "need" as the difference between the costs of education and the expected family/student contribution. The cost of education includes registration and incidental fees, room and board, books and supplies, allowances for personal expenses to cover clothing, laundry, recreation, transportation, medical and dental, insurance, and child care. Maximum allowed budgets are established for various categories of students. Allowances are made for dependents and extraordinary expenses under some circumstances. Actual expenditures vary depending on a student's spending habits and may be considerably more or less than the budget approved for financial aid purposes.

Maximum allowable budgets for students for determining financial need:

1977-78 Standard Budgets
Boise State University

<table>
<thead>
<tr>
<th>8 mo. (Dormitory)</th>
<th>9 mo.</th>
<th>12 mo.</th>
<th>12 mo.</th>
<th>12 mo.</th>
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</thead>
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<tr>
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<td>Commuter</td>
<td>Single Set</td>
<td>Supporting</td>
<td>Married</td>
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<tr>
<td>Fees*</td>
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<td>390</td>
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<td>Books and Supplies</td>
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<tr>
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<td>2196</td>
<td>4576</td>
<td>6471</td>
</tr>
</tbody>
</table>

Special Allowances:

- Non-Resident Tuition: $1040
- Vo-Tech tools: varies
- R.N. supplies: $100 additional
- Dependent Maintenance: $600 for 1st child
- Child Care: $400 for each additional child
- $5/day/child or actual, whichever is less

Summer school costs: $21 per credit
Additional transportation for commuter if more than 35 miles round trip.

*Instructional costs subject to change without notice.

Boise State University has no provision for deferred payment of tuition (currently $520 per semester in addition to regular fees of $183 per semester). Students from states other than Idaho are expected to apply to their own state commissions for assistance as well as file the documents (ACF, BEOG, Application for Financial Aid 1977-78) discussed earlier.

STUDENT EMPLOYMENT

The College Work-Study Program enables the University to offer employment to financially needy students, accepted or enrolled for at least half-time course of study. The on-campus jobs seldom exceed 20 hours per week. An ACF and BSU Application for Financial Aid 1977-78 is required.

Local funds and grant funds are sometimes used by departments having these funds to employ students. These funds are not allocated through Career and Financial Services. However, departments utilizing such funds to employ students must (1) clear the hiring of any student with Career and Financial Services; (2) comply with prevailing wage rates for other student employees; and, (3) utilize the same time card procedures as outlined in the Student Employment Manual.

College Work-Study Program (CWSP) funds make up more than two-thirds of all monies available for student employment at Boise State University. This is a federally funded program to provide jobs for students who have demonstrated financial need which must be documented by the Career and Financial Services Office. These funds are, in fact, awarded based on each student's need as a form of student financial aid. The employer's need for student assistance is only a secondary consideration.

Federal regulations require that Boise State University determine the maximum amount of Federal funds a student can receive during a given year and that the University not allow the student to exceed that amount through any funds administered by the University. Thus a student having received in a given year the maximum amount through Federal loans, grants, and/or CWSP cannot receive any other monies through scholarships or through any other employment involving funds administered by the University irrespective of their source without decreasing their Federal assistance. Therefore, in the awarding of financial assistance to students a definite earnings limit is established for students on the College Work-Study Program.

Students are expected to carry at least 12 semester hours and must be enrolled for a minimum of 6 credits per semester and have at least a 2.00 GPA for the previous semester. A financial aid application and needs analysis statement are required each year to determine eligibility. Employment is not guaranteed, but every effort will be made to place all eligible students.

The Boise State University Program (BSUP) is a student employment program funded by appropriated dollars allocated through Career and Financial Services. BSUP funds represent only about 25% of all monies used to employ students at BSU. Though students do not have to meet the strict financial need requirements of the College Work-Study Program, the application and referral procedures are identical. As in CWSP the student funded through BSUP will have a set maximum earnings level and is given no guarantee that he or she will earn the maximum awarded under the program.

Students must be enrolled for a minimum of 6 credits per semester and have at least a 2.00 GPA from the previous semester to be eligible. A financial aid application and needs analysis statement must be filed each year.

UNAUTHORIZED EMPLOYMENT ON-CAMPUS - Students who begin work on campus prior to receiving authorization from Career & Financial Services must arrange to receive payment directly with the Department involved, and not by Career and Financial Services.
OTHER PART-TIME EMPLOYMENT

Off campus part-time and vacation employment services are available to full-time students and their spouses and part-time students who are working towards a degree from Boise State University.

A great variety of types of jobs and hours to work are listed each year. Applicants must meet the qualifications established by the various area employers who list these positions with Career and Financial Services.

This job referral service is located in Room 177, Administration Building.

GRADUATE STUDENTS

Students who have earned a baccalaureate degree may be aided with National Direct Student Loan funds, College Work-Study or scholarships. The BSU Application and the AFC must be filed. Information regarding graduate assistantships or the Whittenberger Fellowships should be requested from the Dean of the Graduate School.

INTERNATIONAL STUDENTS

Foreign Students, in applying for student visas, have to demonstrate that they have resources for the entire period of intended study. They should request from the Assistant Dean, Admissions & Records, the CSS/CEEB Financial Aid Application for Students from Foreign Countries and Confidential Declaration and Certification of Finances.

Foreign students who have completed one or more semesters at Boise State University may compete for University scholarships by filing the BSU Application for Financial Aid 1977-78. They may apply for a waiver of non-resident tuition after one year, by filing updated forms named in the previous paragraph.

Since most funds at the disposal of Career & Financial Services are from Federal programs, they are not available for non-U.S. citizens. Emergency loan funds in the W.L. Gottenberg Foreign Student Loan Fund and the Boise Rotary International Student Loan Fund are available upon recommendation of the foreign student advisor and approval by Career & Financial Services. Repayment to the University within a specified time is mandatory.

Students who submit Form 1-538 (application by Nonimmigrant Student For Permission to Accept Employment) may not be placed on a job under the University program until after the job has been listed and remained unfilled with Career & Financial Services for five (5) working days.

IDAHO RESIDENT HIGH SCHOOL SENIORS

University Club Awards - A limited number of University Club Awards are available for incoming Freshmen. These awards are given annually in recognition of academic achievement, leadership, performing arts, or special talent. Applicants should contact the office of the Coordinator of High School and University Relations, Boise State University, 1910 University Drive, Boise, ID 83725.

State of Idaho Scholarship Awards - Idaho resident high school seniors should obtain the State of Idaho Scholarship Program application from their counselor or Office of the State Board of Education, 650 West State Street, Boise, ID 83702.

OTHER SOURCES OF AID

Federally Insured Student Loan (7 percent Bank Loans) - The Federally Insured Student Loan program provides guaranteed loans made by authorized lenders to students. Loans are made at the discretion of the lender. Career and Financial Services will provide OE Forms 1154 and 1260 and advise applicants who lending institutions in the area are participating. (The ACF must be filed when the ADJUSTED family income is $25,000 or greater.) Portions of OE Form 1154 and OE 1260 must then be completed by the Career and Financial Services Office.

Oregon residents should obtain the Oregon State Scholarship Commission Application and Certificate for Student Loan.

Nevada residents should file the United Student Aid Funds Form 1152-74.

Idaho National Guard Educational Encouragement Fund Program will provide funds not to exceed one-half of the semester or term registration fee while in good standing with his or her unit and enrolled for a minimum of 12 credit hours or 30 hours per week in vocational-technical courses. Application forms may be obtained from unit commanders or Idaho National Guard, Adjutant General’s Office, P. O. Box 1098, Boise, ID 83701.

STUDENT ACTIVITIES

Program Office

The Program Office, located on the second floor of the Student Union, acts as the central office for all campus activities. It houses the Student Union Program Board (SUPB) Offices, the Union Program Office, and has mailboxes for the various campus organizations. Come to the Program Office to obtain any information regarding campus activities.

Student Union Program Board

The Student Union Program Board (SUPB) is composed of 9 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 SUPB committees such as Pop Concerts, Pop Films, Foreign Films, Lectures, Coffeehouses, Art Shows, Outdoor Activities, Special Events, Publicity, etc. Students are urged to apply in the Program Office.

Student Organizations

On the Boise State University 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 Office in the Student Union.

Student Government

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

The fee that each full-time student pays to student government is used to fund a complete social program, a student newspaper, a complete men’s and women’s intramural and recreational program.

Other related programs administered by student government would include Homecoming, 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 University.

Additional information regarding student government may be obtained from the Student Handbook or in the ASBSU Offices on the second floor of the Student 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 University meet in the Student Union for discussions and fellowship.

The Inter-Faith Council is composed of student representatives or recognized religious organizations on campus. The Council promotes and coordinates religious activity. The Council encourages and assists new groups to form on campus and receive recognition from the Student 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.
STUDENT AFFAIRS

Activities

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

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

Boise State University Student Handbook is the official guide to all University policies, procedures, activities, and organizations. The Handbook is published annually by the Student Advisory and Special Services Office in cooperation with the ASBSU Student Handbook Committee.

Social Fraternities and Sororities

Boise State University has a number of national social fraternities and sororities. Local chapters of Alpha Chi Omega, Alpha Omicron Pi, Delta Delta Delta, and Gamma Phi Beta for women, as well as Kappa Sigma, Sigma Nu, 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, Student 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 University orchestra, bands, choirs, and smaller ensembles. Particulars are noted in the various course descriptions found in the ME (Music Ensemble) section of the Music Department course offerings elsewhere in this Bulletin. For additional information contact the Music Department office.

Theatre

All members of the Associated Students are admitted without charge to a full season of theatre productions. All students of BSU have the required grade point average are eligible for participation in all respects of these extracurricular activities.

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. Debate is open to all students who wish to participate.

Athletics

The University 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, 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 University is a member. Eligibility to participate is determined by the Boise State University Athletic Board of Control. The ASBSU 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 University 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, cheerleaders, etc. a student must:
   a) Not be disqualified or suspended from the university or on academic, social or conduct probation.
   b) Be currently enrolled as a full-time student (8 hours or more).
   c) The ASBSU President, Vice-President, Treasurer, and Senate Members shall have a minimum 2.25 cumulative GPA standing at the time of election to office, and must maintain minimum University standards throughout their tenure in office, in accordance with article V section 2 clause 1 of the ASBSU Constitution.

2. The Student Policy Board in its official capacity, as the primary agency for the development and administration of the Student Code of Conduct, Student Judicial System, and other student policies and procedures relating to student life on the campus of Boise State University, would strongly recommend, to those appointing officials, that a cumulative GPA of 2.00 or better be set as a standard for academic acceptance in the choosing of individuals to represent the Associated Students of Boise State University. The Student Policy Board encourages student campus organizations to set additional standards that they deem necessary and beneficial to that organization. The Policy Board feels that the duty of relieving a student from the position he/she holds because of lack of compliance with the aforementioned requirements is the responsibility of the appointing official of that organization.

3. Exceptions: Rule 1A does not apply to students engaged in activities that are required as part of a class or students participating in intramural sports.

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 University.

Student Conduct

Upon enrollment the student and the university 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 University 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 university and larger community.

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

Being a student at Boise State University does not relieve the individual of his responsibility to society and its laws. University 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 University's educational responsibility to all members of the University 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. 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 University.

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 from a lower judicial body should be made to the next higher body, i.e., ASBSU Judiciary or Student Policy Board, through the Office of Vice-President for Student Affairs. All appeals must be in writing and submitted within seven (7) school days of the decision with copies to the original and last judicial body. The appeal should include the reason for the appeal.

2. Appeals from decisions of the Student Policy Board may be made to the President of the University 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 seven (7) school days of the previous decision.

STUDENT HOUSING

The Boise State 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 agreement with the university is committed to living in a university 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 university housing or residence halls.

Student Residential Life

The Office of Student Residential Life is responsible for all operations and programs related to the residence halls, married students housing, and off-campus living concerns. The Office implements and initiates the university's housing policies and procedures. This Office selects residence hall staff and maintains an ongoing training program. Supervision is provided for the President's Council, as well as advising for the various residence hall judicial boards.

The office also supervises all married student housing and assignments; plans for redecorating, maintaining, and furnishing of all university housing facilities; promotes the listing of public housing with the university for student use; supervises the records kept of available and occupied residence hall facilities and community housing.

University Residence Halls

Boise State 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 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 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 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 or students over 21 years of age.

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 two Resident Advisor's rooms 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, and laundry facilities.

Laundry facilities are available in each of the residence halls. Linens (sheets, pillow cases, and bath towels) are not provided and the student must also furnish blankets, 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 Student Union dining room.

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 the official contract form and accompanied by an application form and security deposit of $45.00.

Application Procedure

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

Office of Student Residential Life
Boise State University
1910 University Drive
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 University Office of Student Residential Life with:
   a. A $45.00 application fee and security deposit. Check or money orders should be made out to Boise State University. 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 as assurance of compliance with the full terms of the contract. It is refundable when the student permanently moves out of the residence hall as specified in Residence Hall Contract Conditions. 1A. Application fee and Security deposits are forfeited if cancellation of a room assignment is not received prior to August 1 for the Fall Semester and January 2 for the Spring Semester.
   b. Signature of parent or guardian for students under eighteen.

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

3) This room assignment is officially confirmed after the student contracts with the Office of Student Residential Life 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 STUDENT RESIDENTIAL LIFE OFFICE DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE UNIVERSITY: LIKewise APPLICATION FOR ADMISSION IS NOT AN APPLICATION FOR HOUSING.
STUDENT AFFAIRS

Housing

NOTE: Residence hall expense and meal option plans are presented in Part I of this catalog.

MEAL SERVICE CALENDAR
(for the Year 1977-78)

(Except Thanksgiving vacation. November 24 through November 27, 1977.)

Between Semesters - December 23, 1977 through January 9, 1978. Meal Service will be suspended and the Snack Bar will be closed.

Spring Semester - January 10, 1978 through May 11, 1978

All residence halls normally are closed during the above listed vacations.

Students staying in their rooms at the residence halls between semesters and during Spring vacation will be charged $2.00 per day.

General Residence Hall Regulations

Occupancy of a Hall is a privilege extended to the student by the University. The continuation is dependent upon his or her reasonable and satisfactory personal conduct and the observance of all University 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 University 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 prior to August 1; final 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 Office of Student Residential Life.

5. Students will be responsible for the furniture and fixtures in their rooms and for University 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.

6. 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 University permanently.

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

8. 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 will be immediately dismissed from the residence hall, fined, and subject to further action by the University authorities. Electrical wiring or alteration of existing wiring by students is prohibited.

9. 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 where it presents a health, safety or damage factor within the residence hall.

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

11. Possession of fire crackers, firearms, gun powder and/or other forms of explosives is prohibited.

Off-Campus Student Housing

Lists of available housing are on file in the Office of Student Residential Life. The university does not inspect the accommodations; parents and students must accept full responsibility for the selection. The university 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 University Residence Halls and other housing facilities are made without reference to race, creed or color, and the University expects privately owned accommodations offered through its listing service to be operated in the same manner. Listings are accepted only with this understanding.

Married Student and Family Housing

There are approximately 180 units available for full-time (8 or more credit hours) married students, all within walking distance of the campus. Rates for the University Courts apartments are $87.00 for small one-bedroom, $117.00 for large one-bedroom, $133.00 for two-bedroom, and $153.00 for two-bedroom apartments. These apartments are carpeted and furnished with stoves and refrigerators. Coin-operated washers and dryers are located on the site. All utilities except electricity are furnished.

University Heights and University Manor were opened for occupancy during the summer of 1973 and consist of one-bedroom apartments for $133.00 per month and two-bedroom apartments for $158.00 per month. These apartments are fully carpeted and draped but are otherwise unfurnished, except for electric stoves and refrigerators. All utilities are furnished, including laundry facilities.

Applications for married student and family housing may be obtained in the Office of Student Residential Life Room 110, Administration Building.

Application Procedure for Married Student and Family Housing

Applications for married student and family housing will be processed as soon as the following procedures have been completed:

1. Student must be:
   a. any married student currently enrolled as full-time and/or fully matriculated at Boise State University.
   b. any prospective married student currently enrolled as full-time and/or fully matriculated at Boise State University.
   c. any single parent with a child (children) currently enrolled as full-time and/or fully matriculated at Boise State University.

2. A completed application-contract is sent to Boise State University, Office of Student Residential Life with a $30.00 application fee and security deposit. Checks and/or money orders should be made out to Boise State University. This deposit is not to be construed as partial payment for the rent for their apartment. It is held (after assignment) as a damage deposit and is refundable when the student permanently moves out of the apartment. The total security deposit and application fee ($70.00) is forfeited if 30 days notice is not given before tenant moves out.

The student comes to the Office of Student Residential Life when their apartment is ready for occupancy, signs the lease, pays the balance of the application fee and security deposit ($40.00) which brings the total deposit and fee to $70.00, plus pays a month's rent and receives confirmation to move into the apartment.

It is the responsibility of the student to notify the Office of Student Residential Life each semester if they still desire married student and family housing. If the Office of Student Residential Life does not hear from the student each semester, the student's name will be removed from the waiting list.
PART IV

School of Arts & Science

Dean: William J. Keppler, Ph.D.
Associate Dean: William E. Shankweiler, Ph.D.

PHILOSOPHY

The School believes that the purpose of men's lives is to know, to search, and to achieve, and that knowledge is necessary for 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), Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition), and Master of Arts in Secondary Education with majors in various departments. (See School of Education).

2. To offer undergraduate 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 Prize-winning magazine designed to display the best efforts of both the faculty and student body of Boise State University.
Western Writers Series

The Boise State University Western Writers Series is publishing 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.

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 intradepartmental offerings of the Department of Communication including Debate, Reader's Theatre; and productions of plays from both the classical and modern repertoires in the University's unique Subal theatre and Special Events Center; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in "American Historical Tours" presented by the college each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART

Chairman and Professor: Dr. Louis A. Peck; Professor: Takehara; Associate Professors: Huff, Kilmaster, Kober, Dravez, Russell; Skov; Assistant Professors: Benson, Douglass, Ochi, Roberts, Schieffly, Wata; Wright; Instructors: Cullery, Devaeu, Proctor, Taye, Taylor.

ART MAJOR

Lower Division — All Degrees
(Suggested Program)

I. General Art

FRESHMEN YEAR:

<table>
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<tr>
<th>Course</th>
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SOPHOMORE YEAR:

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| Total Credit           | 16       | 16       |

II. Art Education

Freshman year (See General Art Freshman Year)

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| Total Credit           | 16       | 16       |

II. Advertising Design

Freshman year (see General Art Freshman year)

SOPHOMORE YEAR:

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</table>

| Total Credit           | 16       | 16       |

III. Art Education

Bachelor of Arts Program

1. General University and Basic Core Requirements

2. Art Major Requirements

   2. a) Art Major Requirements

   Painting and/or Watercolor
   Drawing
   Art History
   Design
   Ceramics
   Sculpture
   Printmaking
   Crafts
   Senior Seminar

   | Total Credit | 36 |

   b) Major Emphasis

   A total of 14 credit hours from any Fine Arts area will constitute the major emphasis, which include: painting, watercolor, drawing, ceramics, sculpture, printmaking, crafts, photography.

   3. Electives

   | Total Credit | 41 |

II. Art Education—Bachelor of Arts Program

1. General University and Basic Core Requirements

2. Art Major Requirements

   Painting
   Watercolor
   Drawing
   Design

   | Total Credit | 4 |

ART MAJOR

Lower Division — All Degrees
(Suggested Program)
### Art/Advertising Design—Bachelor of Arts Program

1. General University and Basic Core Requirements ........................................ 51

2. Art Major Requirements
   - Advertising Design ..................................................... 10
   - Watercolor and/or Painting ........................................... 8
   - Drawing ........................................................................ 8
   - Advertising Illustration ................................................ 6
   - Design ........................................................................... 4
   - Lettering/Lettering and Layout ........................................ 4
   - Art History ..................................................................... 6
   - Printmaking .................................................................... 2
   - Creative Photography .................................................... 2
   - Senior Seminar ............................................................. 3

3. Education Requirements for Qualification Toward State Certification
   - Audio-Visual Aids (optional) ........................................... 2
   - Foundations of Education ................................................ 3
   - Secondary School Methods ............................................. 3
   - Educational Psychology .................................................. 3
   - Art Methods in Secondary Schools ................................... 3
   - Elementary School Art Methods ....................................... 3
   - Secondary Student Teaching .......................................... 6

4. Electives ........................................................................... 17-15

**Total Credits** ........................................................................ 128*

### Art Education—Bachelor of Fine Arts Degree

1. General University and Core Requirements .............................................. 32

2. a) Art Major Requirements
   - Painting ........................................................................... 8
   - Drawing ........................................................................... 8
   - Watercolor ................................................................. 12
   - Art History ................................................................. 12
   - Painting ......................................................................... 8
   - Design ............................................................................. 4
   - Printmaking ............................................................... 2
   - Sculpture ........................................................................ 2
   - Ceramics ................................................................. 2
   - Crafts ................................................................. 2
   - Senior Seminar ......................................................... 3
   - Art Electives .............................................................. 16

3. Professional Electives ................................................................. 29

**Total Credits** ........................................................................ 128*

### Advertising Design Emphasis

- A total of 14 credit hours from any Art Field will constitute the major emphasis.

### Master of Arts in Secondary Education

#### Art Emphasis

**Admissions and Program**

A. The Master's Degree in Secondary Education: Art Education Emphasis, will be designed to meet the needs of the practicing junior high or high school art specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must ordinarily be currently certified as a secondary school art specialist, agree to begin the process toward attaining this certification while working on the degree, or obtain a waiver through the Department of Education.

B. The following will be submitted to the Art Department Admissions Committee:

1. The names and addresses of three art educators or professional persons who are acquainted with the student's academic qualifications to pursue graduate study.

2. A minimum of twenty (20) slides or a portfolio of recent art work.
SCHOOL OF ARTS & SCIENCES

Art

3. A statement of the student's professional objectives and philosophy of art education and how these will be furthered by graduate study.

C. Program areas of study are as follows:

1. Required Courses
   AR-501 Art Appreciation in the Educational Program
      3 credits
   AR-551 Special Methods: Curriculum Development in Art Education
      3 credits
   AR-591 Project
      6 credits
   AR-933 Thesis (or additional hours)
      6 credits
   TE-560 Secondary Education Core courses
      6 credits

2. Studio or Content: Six (6) credits in the studio. Studio concentration and emphasis will be determined by the student and his committee. Part of the program included in the art section could be that of a focus/emphasis.

Example: Option I—Painting and Drawing
   Option II—Crafts and Sculpture

3. Electives: The remainder of the student's work may be elected in relation to his background, interests, and professional objectives in consultation with his major advisor and committee.

The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

COURSE OFFERINGS

AR ART

The Art Department reserves the right to withhold selected student work for the Permanent Collections.

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 Survey of Western Art I (3 credits). A historical survey of painting, sculpture, and architecture from Prehistoric art through the Middle Ages. Fall semester.

102 Survey of Western Art II (3 credits). A historical survey of painting, sculpture, and architecture from the Renaissance to the present. Spring 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 or three dimensional theoretical and applied study of the basic design elements underlying all art areas. Four studio hours per week. Either semester.

106 Basic Design (2 credits). A continued exploration of either two or three dimensional design elements. Emphasis on the theoretical and applied study of the structural organization underlying two or three-dimensional art forms. Four studio hours per week. Advisable to take AR 105 prior to AR 106. Either 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 either semester.

111 Drawing (2 credits). Applied study of shape, form, light and shadow, line perspective, composition, and an exploration of the various drawing media. 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. Spring semester.

113 Painting (2 credits). Emphasis on the techniques of oil, opaque and transparent water base media. Four studio hours per week. Fall 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. Spring 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.

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.

203 Advertising Design (2 credits). Special assignments in various techniques employed in advertising and commercial art. Four studio hours per week. Advisable to take AR 202 prior to AR 203 and AR 105 and AR 106 prior to AR 203. Fall semester.

204 Advertising Design (2 credits). Advanced work in various techniques employed in advertising and commercial art. Four studio hours per week. Advisable to take AR 203 prior to AR 204. Spring semester.

205 Introduction to Printmaking (2 credits). A course designed to acquaint the student with methods of reproducing creative work in woodcut, lithography, and intaglio. Advisable to have some experience in drawing and design. Four studio hours per week. Each semester.

211 Drawing (2 credits). Study of the human figure through anatomical rendering. Four studio hours per week. Advisable to take AR 111 and AR 112 prior to AR 211. Fall semester.

212 Drawing (2 credits). Drawing in various media from the human figure in relationship to anatomy and creative composition. Four studio hours per week. Advisable to take AR 211 prior to AR 212. Spring 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. Fall 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. Spring 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. Fall 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. Spring semester.

219 Figure Painting (2 credits). Painting from models with an emphasis on a representational approach: study of form, color, and composition as they relate to the human figure. Four studio hours per week. Advisable to take AR 114 and AR 112 prior to AR 219. May be repeated once for credit. Either semester.

221 Art Metals (2 credits). A creative exploration in design and construction problems. Various materials will be utilized with primary emphasis on jewelry design and metal craftmanship. Four studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 221. Fall semester.

222 Art Metals (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, and 221 prior to AR 222. Spring semester.

225 Ceramics (2 credits). An introduction to ceramics technique and materials. Molding, hand building, decoration, glazing, and firing will be given. Enrollment is limited. Four studio hours per week. Prerequisite: AR 105 and AR 106. Fall semester.

226 Ceramics (2 credits). Beginning the use of the potter's wheel, molding, casting and constructing. Four studio hours per week. Prerequisite AR 105 and AR 106. Spring semester.

231 Sculpture (2 credits). Work in a variety of three dimensional material, with emphasis on the techniques of carving, modeling and casting. Four studio hours per week. Advisable to take AR 105 or 106 prior to AR 231. Fall semester.

232 Sculpture (2 credits). Continued work in a variety of three dimensional media, with emphasis on the techniques of carving, modeling and casting. Four studio hours per week. Advisable to take AR 231 prior to AR 232. Spring semester.

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

Upper Division

301 Nineteenth Century Art History (3 credits). A study of important artists and movements from neoclassicism through Post-Impressionism. Fall semester.

302 History of Twentieth Century Movement in Art (3 credits). An analysis of important European artistic movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. Spring semester.

303 Studio in Advertising Design (3 credits) and preparation of art for reproduction techniques and studio practice. Six studio hours per week. Advisable to take AR 203 and 204 prior to AR 303. May be repeated once for credit. Either semester.

306 Studio in Visual Design (3 credits). Advanced exploration of two-dimensional or three-dimensional design, continuing with problems in line, form, color, texture and space. Six studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 306. May be repeated once for credit.

307 Studio in Metalsmithing (3 credits). Advanced study in materials of jewellymaking and metalsmithing with special emphasis on forging, stonecutting, cutting, and mechanical techniques as further personal development of craftsmanship. Prerequisite: AR 221, 222. Six studio hours per week. May be repeated once for credit.

309 Studio in Printmaking (3 credits). Advanced printmaking in any one of the following specialized areas; each of which may be repeated once for credit: intaglio, offered fall semester; letterpress, offered fall semester; lithography, offered spring semester; relief printing and woodcut, offered spring semester.
credit. to take AR 113, 114, AR 215, 216 prior to AR 315. May be repeated once for credit.

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. Fall 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. Spring semester.

319 Figure Painting (3 credits). Painting from models in realistic or semi-abstract styles, based on individual interests. Six studio hours per week. Prerequisite: AR 219 and upper-division status, or permission of instructor. May be repeated for credit. Either 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 two studio hours per week. Spring semester.

325 Studio in 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 AR 226 prior to AR 325. Individual instruction will be given. May be repeated once for credit. Either semester.

331 Studio in Sculpture (3 credits). Advanced study in the materials 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. May be repeated once for credit.

341 Studio in Creative Photography (3 credits). Advanced study of photographic techniques emphasizing the creative approach to picture taking and printing. Two lecture hours, and four studio hours per week. Adjustable camera required. Advisable to take AR 251 prior to AR 341. May be repeated for credit.

344 Studio in Creative Photography, Color Printing (3 credits). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing in color. Two lecture hours and four studio hours per week. Adjustable camera required. Advisable to take AR 251 prior to AR 344. May be repeated for credit. Either semester.

346 Studio in Creative Photography, Color Slides (3 credits). Advanced study emphasizing techniques of color slides. Color theory and composition will be covered in the studio, as well as the processing of slides and various methods of projections. Various approaches to lighting and laboratory work will be taught. Two lecture hours and four studio hours per week. Adjustable camera required. May be repeated for credit. Either semester.

347 Studio in Printmaking (3 credits). Concentrated work in anyone of the following areas: woodcut, lithography, intaglio, and serigraphy. Six studio hours per week. May be repeated for credit.

351 Studio in Advertising Illustration (3 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. Six studio hours per week. Advisable to take AR 251 and AR 204 prior to AR 351. Each semester. May be repeated for credit.

371 History of Twentieth Century American Art (3 credits). Beginning with a short survey of American art from the Ashcan School through the Thirties, there will be concentration on Abstract Expressionism, Pop, and Minimal. Class presentations will be expected of students; critical writings will be assigned. (It is advisable to take AR 302 first, although this is not a prerequisite.) Fall semester.

409 Studio in Printmaking (3 credits). Concentrated work in any one of the following areas: woodcut, lithography, intaglio, and serigraphy. Six studio hours per week. May be repeated for credit.

411 Studio in Life Drawing (2 credits). An advanced life drawing class with emphasis on a general anatomical study of the human figure. Four studio hours per week. Prerequisite: AR 111, 112, AR 211 and consent of instructor. May be repeated for credit.

415 Studio in Painting (3 credits). Preparation for graduate study in opaque or transparent media. Six studio hours per week. Advisable to take AR 216 prior to AR 415. May be repeated for credit.

417 Studio in 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. May be repeated for credit.

419 Studio in Metals (3 credits). Continued study in materials and methods (advanced) of jewelry-making and metalsmithing as they apply to the creative artist and teacher. Prerequisite: AR 221, 222, 307, 308. May be repeated for credit.

425 Studio in 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. May be repeated for credit.

431 Studio in 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. May be repeated for credit.

498 Senior Seminar (3 credits). Required reading, and written and oral reports, relative to the senior art majors area of interest within the visual arts. Either semester.
### Biology Major

**Bachelor of Science** *(Suggested Program)*

#### Freshman Year

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#### Sophomore Year

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<td>Other Electives</td>
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<td>16</td>
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#### Senior Year

<table>
<thead>
<tr>
<th>Course</th>
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<th>2nd SEM.</th>
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<tbody>
<tr>
<td>Biology Seminar</td>
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<td>Biology Electives</td>
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<tr>
<td>Other Electives</td>
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<td>8</td>
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<tr>
<td><strong>Total Credits</strong></td>
<td>16</td>
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</table>

### 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
- Environmental Health
- Pre-Dental Hygiene
- Pre-Veterinary Medicine
- Pre-Dental, Pre-Medical Studies

### Forestry and Wildlife Management

#### 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>
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<tr>
<td>Essentials of Chemistry</td>
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<td>5</td>
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<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>
SOPHOMORE YEAR

100 Concepts of Biology (4 credits). An introductory course for non-majors planning to take only one semester of Biology. A survey of the plant and animal kingdoms with emphasis on topics such as evolution, genetics, and ecology and their application to such current problems as pollution, overpopulation, and eugenesics. May not be used to form a sequence with either B-101 or B-102. Students who have received credit for B-101, BT-130 or Z-130 may not receive credit for B-100. Three lectures and one two-hour laboratory period per week. Each semester.

101-102 General Biology (4 credits). A general one-year introduction into the study of plants, animals, and microbes, with an interpretation of the principles of morphology, physiology, ecology, embryology, and genetics as represented by both types of organisms. Emphasis on the living organisms, their relationships to one another, and to the environment. This course is recommended for those students desiring a two-semester course in biology and wishing to major in biology. Three lectures and one two-hour laboratory period per week. Sequence beginning Fall semester.

200 Man and the Environment (3 credits). A course designed to reveal the impact of man on the environment with emphasis on the biological, economical, and social factors involved with the aim of preparing the students to be sensitive to the significant issues and factors involved in environmental decision making. Three lectures per week. Prerequisites: BT-130 or Z-130 and a three-hour laboratory period per week. Each semester.

205 Microbiology (4 credits). A survey of microbiology with emphasis on microbial diversity, structure, and metabolism; principles of microbial control, host-parasite relationships, and immunology; and a survey of medically important microorganisms. The course is designed for associate degree students. Students planning to enter the School of Health Sciences Biology majors may not substitute this course for General Bacteriology, nor can a Biology major receive more than 5 credits total for the two courses. Three lectures and two one-hour laboratory periods per week. Each semester.

225 Cell Biology (3 credits). A study of prokaryotic and eukaryotic cells, their specialization, and the structure, function, and variations in their cellular organelles. The mechanism of mitosis, meiosis, chromatid rearrangements, interactions of nucleus and cytoplasm, and cytological methods will be considered. Three lectures per week. Prerequisite: 1 year of college biology and concurrent or prior enrollment in organic chemistry. Spring semester.

Upper Division

303 General Bacteriology (5 credits). A general survey of the field of bacteriology, designed for students preparing to take a general course and as a foundation for advanced work in the subject. Three lectures and two three-hour laboratory periods per week. Prerequisite: Prior or concurrent enrollment in B-225 and Elementary Organic Chemistry. Fall semester.

310 Pathogenic Bacteriology (4 credits). A course emphasizing host-parasite relationships, immunology, and those characteristics of medically important bacteria, rickettsiae, and chlamydia that contribute to their pathogenicity. Laboratory studies are directed towards the identification and biochemical characterization of clinically important bacteria. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. Spring semester.

334 Genetics — Lecture (3 credits). A study of the principles of genetics as they relate to living organisms. Prerequisite: BT-130 and Z-130 or equivalent. Spring semester.


410 Food Microbiology (2 credits). A lecture course designed for environmental health and home economics majors to introduce those microorganisms associated with foods; food processing and preservation; food spoilage; and food-borne infection and intoxication. Two lectures per week. Prerequisite: Microbiology or General Bacteriology. Fall semester.

411 Food Microbiology Laboratory (2 credits). A laboratory course taken by environmental health majors in conjunction with B-410. The course is designed to introduce those techniques necessary for the enumeration and identification of microorganisms associated with foods and food-borne illnesses. Two three-hour laboratory periods per week. Concurrent enrollment in Food Microbiology. Fall semester.

412 General Parasitology (3 credits). A general study of parasitism including the parasites of man. Lectures devoted to a phylogenetic survey of the parasitic animal groups. Laboratory provides opportunities for examining host-parasites, 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: Z-130 and B-225 or consent of instructor. Spring semester, even numbered years.

423 Bioecology (3 credits). A survey of the physical factors of the environment and the biotic relationships of organisms and their effect on the mode of life and distribution of plants and animals. Three lectures per week. Prerequisites: BT-130 and Z-130 or equivalent. Fall semester.

424 Bioecology Laboratory (1 credit). Field investigations into the broad areas of aquatic and terrestrial eco-systems. Study of populations and community dynamics. Prerequisites: BT-130 or equivalent. Fall semester.

488, 489 Biology Seminar (1 credit). A report for pertinent literature on selected topics. Restricted to senior biology majors. Each semester.
SCHOOL OF ARTS & SCIENCES
Chemistry

306 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 periods per week. Prerequisite: B-225 or consent of instructor. Students are required to meet with the instructor 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. Fall semester.

307 Invertebrate Zoology (4 credits). Morphology, phylogeny and natural history of the marine invertebrate animals and terrestrial arthropods exclusive of the insects. Two lectures and two 3-hour laboratory periods per week. Prerequisite: Z-130 or consent of instructor. Alternate with BT-322 or Z-361. Spring semester.

341 Ornithology (3 credits). A lecture, laboratory and field course dealing with the identification, structure, identification, distribution, and behavior of birds. Two lectures and one three-hour laboratory period each week. Prerequisite: Natural History of the Vertebrates or consent of the instructor. Alternates with Mammalogy and is thus offered on even numbered years. Spring 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 3-hour laboratory periods per week. Prerequisite: A year of college biology or consent of instructor. Spring semester.

356 Natural History of the Vertebrates (4 credits). A lecture, laboratory and field course dealing with the identification, 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 laboratory periods per week, plus two weekend field trips. Prerequisite: One year of college biology, or equivalent. Fall semester.

361 Microtechnique (3 credits). A study of the theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and whole mounts, and histochemical techniques. One hour lecture and two 3-hour laboratory periods per week. Prerequisite: One year of college biology or consent of instructor. Alternates with BT-322 or Z-307. Spring 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 three-hour laboratories. Prerequisite: B-225 and either Comparative Anatomy or Vertebrate Embryology recommended. Fall 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 with emphasis on humans. Prerequisite: Z-130, B-225 and Elementary Organic Chemistry. Three lectures and one 3-hour laboratory period per week. Spring semester.

409 General and Comparative Physiology (4 credits). A lecture and laboratory course in animal physiology. General physiological principles, using specific invertebrate and vertebrate groups as examples and physiological adaptations necessary to meet specific environmental challenges are discussed. Laboratory experiments utilizing a number of animal species are conducted. Three hours lecture and one 3-hour lab per week. Prerequisites: Z-130, B-225 and Organic Chemistry. Spring 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. Fall semester.

421 Mammalogy (3 credits). A lecture, laboratory and field course dealing with the classification, identification, structure, distribution, and life habits of mammals. Two lectures and one three-hour laboratory period per week. Prerequisite: Natural History of the Vertebrates or consent of instructor. Alternates with Ornithology and is offered on odd numbered years. Spring semester.

II. Secondary Education Option:

1. General College and Baccalaureate Degree Requirements. See pages 17-19.

2. Major Requirements:

   A. Chemistry

      College Chemistry ................................................. 9
      Organic Chemistry ...................................... 10
      Physical Chemistry ..................................... 8
      Analytical Chemistry ...................................... 5
      Advanced Inorganic Chemistry ............................. 4
      Instrumental Analysis ...................................... 4
      Chemistry Seminar ....................................... 2
      Independent Study ...................................... 2

      B. Mathematics

      Completion of Mathematics through Calculus M-206. 

      C. Physics


3. Education Requirements

   Foundations of Education ..................................... 20
   Educational Psychology
   Secondary School Methods
   Secondary Student Teaching
   Education Electives
SOPHOMORE YEAR:

Course Offerings

A. The degree program is intended to provide the high school
Admissions and Program

B. Requirements for admission are the same as those for ad-

A. Students may use six (6) credits of 400G level courses to
fall and spring semesters when funded by the legislature.

SCHOOL OF ARTS & SCIENCES

Chemistry

C. CHEMISTRY

COURSES

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
relationships 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 a part of a Chemistry
sequence. Students who have received credit for C-109 or C-133 may not receive
credit for C-100. Three lectures and one 3-hour laboratory per week. Each semester.

103 Preparation for College Chemistry (1 credit). A lecture, recitation, and
laboratory course designed for students lacking the necessary background for General
Chemistry. Emphasis is placed on basic concepts, definitions, chemical problem
solving and laboratory manipulations. To be taken concurrently with or prior to the
first semester of either Freshman chemistry course. 2 periods per week. Both
semesters.

107 Essentials of Chemistry (3 credits). The first semester of a sequence course. A
study of basic chemistry concepts in Inorganic and Organic chemistry. Three
lectures per week. Prerequisite: High School chemistry or C-103 or concurrent en-
rollment in C-103. Concurrent enrollment in C-108 is required. Fall semester.

108 Laboratory for Essentials of Chemistry (1 credit). The laboratory to accompany
C-107. Three lab hours per week. Concurrent enrollment in C-107 is required.

109 Essentials of Chemistry (3 credits). A continuation of C-107 to include basic
concepts of Biochemistry. Three lectures per week. Prerequisite: C-107 and C-108.
Concurrent enrollment in C-110 is required. Spring semester.

110 Laboratory for Essentials of Chemistry (2 credits). The laboratory to
accompany C-109. 6 lab hours per week. Prerequisites: C-107 and C-108. Concurrent
enrollment in C-109 is required.

131 College Chemistry (3 credits). The first semester of a one-year sequence
course. A thorough study of the fundamentals of chemistry including atomic and
molecular structure, stoichiometry, physical states and solutions. Three lectures per
week. Prerequisite: High school chemistry or C-103 or concurrent enrollment in C-
103. Concurrent enrollment in C-132 is required. Fall semester.

132 Laboratory for College Chemistry (1 credit). Laboratory work to accompany C-
131. 3 lab hours per week. Concurrent enrollment in C-131 is required. Fall
semester.

133 College Chemistry (3 credits). A continuation of C-131 to include Equilibrium,
Redox, Complex ions. 3 lectures per week. Prerequisite: C-131 and C-132. Spring
semester.

134 Laboratory for College Chemistry (2 credits). Laboratory work to accompany C-
133. To include Qualitative Analysis. 6 lab hours per week. Prerequisite: C-131 and
C-132. Spring 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-131-132-133-134. Each
semester.

211 Quantitative Analysis (3 credits). Study of the equilibrium relationships and
methods used in gravimetric, volumetric, and some instrumental analyses.
Prerequisite: C-131-132-133-134. Fall semester.

212 Quantitative Laboratory Techniques (2 credits). Practical applications of
quantitative analytical techniques through the analysis of unknown samples using
gravimetric, volumetric, and some instrumental methods. Prerequisite: Chemistry
C-211 or concurrent enrollment. Fall semester.

Upper Division

317-318 Organic Chemistry Lecture (3 credits). A comprehensive study of
organic compounds with emphasis 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: Chemistry C-
131-132-133-134. 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 Lecture (3 credits). The fall semester will cover gases,
point symmetry, absorption, molecular structure and quantum theory (briefly) and the
first, second and third laws of thermodynamics. The spring semester continues with
thermodynamics, reaction kinetics, phase equilibria, electrochemistry and adsorption.
Three lectures a week. Prerequisites: Chemistry C-131-132-133-134. General
Physics PH-102 or Physics 221 and Calculus and Analytic Geometry M-206 or
equivalent. A year sequence (fall and spring).

323-324 Physical Chemistry Lab (1 credit) Laboratory experiments paralleling the
material covered by the lectures. Prerequisite: C-321-322 or concurrent enrollment.
A year’s sequence (fall and spring).

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.

401-402 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, nonequivalent and nuclear reactions. Two
lectures per week. Prerequisite: two years of college chemistry. Each semester.

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### COMMUNICATION MAJOR

#### Bachelor of Arts Program
(Suggested Programs)

**INTERPERSONAL COMMUNICATION EMPHASIS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 131 Listening</td>
<td>3</td>
</tr>
<tr>
<td>CM 251 Communication in the Small Group</td>
<td>3</td>
</tr>
<tr>
<td>CM 307 Interviewing</td>
<td>3</td>
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<tr>
<td>CM 431 Small Group Process</td>
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**MASS COMMUNICATION EMPHASIS:**

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<th>Course</th>
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<tr>
<td>CM 171 Mass Communication: Concepts and Perspectives</td>
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<tr>
<td>CM 341 Non-Verbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 351 Intercultural Communication</td>
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</tr>
<tr>
<td>CM 361 Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 412 Persuasion</td>
<td>3</td>
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<tr>
<td>CM 478 Public Relations</td>
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**SECONDARY EDUCATION EMPHASIS:**

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<tr>
<th>Course</th>
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<tr>
<td>CM 113 Competitive Speaking</td>
<td>3</td>
</tr>
<tr>
<td>CM 121 Voice and Diction</td>
<td>3</td>
</tr>
<tr>
<td>CM 231 Message Composition and Presentation</td>
<td>3</td>
</tr>
<tr>
<td>CM 241 Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>CM 271 Journalistic Communication: Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>CM 273 Reporting and News Writing</td>
<td>3</td>
</tr>
<tr>
<td>CM 312 Applied Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 451 Communication Practicum</td>
<td>3</td>
</tr>
<tr>
<td>CM 471 Radio-TV News Writing</td>
<td>3</td>
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</tbody>
</table>

**Total** | **40-43**

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### DEPARTMENT OF COMMUNICATION

Chairman and Professor: Dr. Robert R. Boren; Associate Professors: Boylan, Gaphart, Pitman; Assistant Professors: Barry, DeMoux, Raybom; Instructors: Craner, Riley.

#### REQUIREMENTS FOR COMMUNICATION MAJOR

1. Completion of general university requirements for Bachelor of Arts degree as listed on pages 17-18.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 111 - Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 201 - Methods of Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>CM 221 - Communication Process</td>
<td>3</td>
</tr>
<tr>
<td>CM 421 - Theories of Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 498 - Communication Seminar</td>
<td>2</td>
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</table>

**Courses for Area of Emphasis**

**Total** | **26-29**

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#### INTERPERSONAL COMMUNICATION EMPHASIS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CM 131 Listening</td>
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</tr>
<tr>
<td>CM 251 Communication in the Small Group</td>
<td>3</td>
</tr>
<tr>
<td>CM 307 Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>CM 431 Small Group Process</td>
<td>3</td>
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**Total** | **9**

#### MASS COMMUNICATION EMPHASIS:

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<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CM 171 Mass Communication: Concepts and Perspectives</td>
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</tr>
<tr>
<td>CM 271-272 Journalistic Communication Theory and Practice</td>
<td>6</td>
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</tbody>
</table>

**Total** | **12**

#### SECONDARY EDUCATION EMPHASIS:

<table>
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<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CM 241 Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>CM 401 Methods of Teaching Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 112 Reasoned Discourse</td>
<td>3</td>
</tr>
<tr>
<td>CM 131 Competitive Speech</td>
<td>3</td>
</tr>
<tr>
<td>CM 121 Voice and Diction</td>
<td>3</td>
</tr>
<tr>
<td>CM 231 Message Composition and Delivery</td>
<td>3</td>
</tr>
<tr>
<td>CM 312 Applied Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 451 Communication Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total** | **9**

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### DEPARTMENT OF ARTS & SCIENCES

**SCHOOL OF ARTS & SCIENCES**

**Communication**

411G Instrumental Analysis (4 credits). Theory and practice of the more common instrumental methods of analysis, with commercial instruments. Two lectures and two three-hour labs per week. Prerequisite: Quantitative Analysis C-211 and C-320 Organic Chemistry. C-320 may be taken concurrently with C-411. Spring semester.

431G 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. Fall semester.

432G Biochemistry Laboratory (1 credit). Identification, isolation, and reaction of biologically important compounds. One three-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Fall semester.

433G Biochemistry (3 credits). The function of biological compounds, including intermediary metabolism and synthesis of proteins. Cellular control mechanisms of these processes are integrated into the material studies. Prerequisite: C-431. Spring semester.

488, 498 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.

601 History of Chemistry (3 credits). The study of the development of chemistry from its early stages through alchemy. Emphasis will be placed on the development of chemical concepts, the important contributors to these concepts and the interrelationships between chemistry and the general course of history. Prerequisite: Two years of college chemistry and one year of history or instructor's permission.

503 Spectroscopy (3 credits). This course is designed to teach the concepts and practical usage of ultraviolet spectroscopy, infrared spectroscopy, and nuclear magnetic resonance spectroscopy. Emphasis will be on the interpretation of spectra. Prior knowledge of spectroscopy will not be necessary for this course. Prerequisite: Eight hours of general chemistry required and six hours of chemistry or instructor's permission. Fall semester.

609 Chemistry of Life Processes (3 credits). The course introduces the student to basic concepts of biochemistry associated with a coverage of current topics ranging from allied health field areas to environmental chemistry. Classroom demonstration material will be correlated with lecture material. Prerequisite: One year of general chemistry and organic chemistry. Fall semester.

511 Advanced Analytical Chemistry (3 credits). Stoichiometry involved in separations and instrumental methods of analysis. The course will be flexible in nature to adapt to the varied background of the expected students. Prerequisite: Quantitative Analytical Chemistry or consent of instructor. One lecture and two labs per week. Fall semester.

515 Nuclear and Radiochemistry (3 credits). Atomic and nuclear structure, radioactivity, nuclear reactions, radioactive decay laws, interaction of radiation with matter, detection of radiation, applications. Prerequisite: One year of general chemistry. Spring semester.

*Certain courses cover somewhat similar subject matter, and credit cannot be granted for both courses. 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.
NOTE: A student with a single teaching field must complete at least 45 credits.

JOURNALISTIC COMMUNICATION EMPHASIS

1. General College Requirements
2. Departmental Core Requirements
3. Other Required Courses
   - CM 277 - Photo Communication
   - CM 237 - Reporting & Newswriting
   - CM 378 - History of Mass Communication
   - CM 379 - Communication Graphics
   - CM 481 - Ethics, Law and Communication
   - CM 493 - Internship - 6
4. Suggested Courses, chosen from the following
   - CM 171, 172 Mass Communication: Concepts and Perspectives
   - CM 271, 272 Journalistic Communication: Theory and Practice
   - CM 274 Reporting and News Writing
   - CM 307 Interviewing
   - CM 371 Copyreading and Editing
   - CM 471 Radio-TV Newswriting
   - CM 472 Editorial and Feature Writing
   - CM 478 Public Relations

Special area emphasis may be selected from the following programs; this must include a minimum of 9 credit hours in one area:

- History
- Psychology
- Economics
- Social Science
- English
- Performing and Spatial Arts
- Political Science

OR any other program listed on page 20 of B.S.U. Catalogue (under Baccalaureate Degree Programs)

The selection of special area emphasis should reflect the career plans of the student, and should be made in consultation with his advisor.

COMBINED MAJOR: COMMUNICATION—ENGLISH

A. With Journalism emphasis: Department requirements

COMMUNICATION
   - Fundamentals of Speech Communication, CM 111 - 3
   - Methods of Inquiry, CM 201 - 3
   - Journalistic Communication: Theory & Practice, CM 271 or 272 - 3
   - Communication Process, CM 221 - 3
   - Rhetorical Theories, CM 321 - 3
   - Theories of Communication, CM 421 - 3
   - Communication electives (UD) - 9

Total: 40-41

ENGLISH
   - Literature Survey
   - Composition above the basic sequence
   - Introduction to Language Study, LI 305
   - Literature electives (UD) - 12

(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

Total Hrs.: 56 (27 & 27 & 2)

* 3 hrs. in courses before 1800

B. With Communication emphasis: Departmental requirements

COMMUNICATION
   - Fundamentals of Speech Communication, CM 111 - 3
   - Methods of Inquiry, CM 201 - 3
   - Communication Process, CM 221 - 3
   - Communication, CM 351 - 3
   - Theories of Communication, CM 421 - 3

Electives (UD) - 9

Total Hrs.: 43 (27 & 27 & 2)

ENGLISH
   - Literature Survey
   - Humanities HU 207 or 208
   - Advanced Writing & Linguistics

Electives (UD) - 9

Total Hrs.: 27

N.B. ELECTIVES:

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

(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

Total Hrs.: 56 (27 & 27 & 2)

1. British or American. Student should consider upper-division courses he will want to take.
2. To be chosen from Advanced Expository Composition (E-201), the Creative Writing sequence or technical writing.
3. To be chosen from E-201, Technical Writing, LI 305, LI 307, LI 309.

COURSES

CM COMMUNICATION

Lower Division


111 Fundamentals of Speech Communication (3 credits). Fundamental principles of effectively preparing, presenting and critically consuming messages in one-to-one, small group, and public speaking contexts. Students may not earn credit in both CM-102 and CM-111.

112 Reasoned Discourse (3 credits). Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositions, issues, arguments, evidence, fallacies of arguments and various systems of reasoning. Preparation for and participation in activities designed to apply the principles of logical reasoning in the public forum.

113 Competitive Speaking (3 credits). A concentrated study of and practice in competitive debate.argon debate and public speaking. For example: expository, persuasive, oratorical, interpretive and extemporaneous speaking. Either semester.

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


131 Listening (3 credits). Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening. Each semester.


201 Methods of Inquiry (3 credits). Introduction to the Philosophy of Science as applied to the study of communication. Emphasis on various techniques of research and the requirements for the conduct, reporting, and criticism of research.
SCHOOL OF ARTS & SCIENCES

English


231 Message Composition and Presentation (3 credits). Analysis of methods and techniques of message composition. Practice in the presentation of public speeches.

241 Oral Interpretation (3 credits). Practice in reading prose, poetry, and drama to help the student determine a logical and emotional meaning for selection and project that meaning to his listeners. Either semester.

251 Communication in the Small Group (3 credits). A study of human interaction in small groups. Emphasis on actual experience in working in small groups. Includes concepts in planning, preparing, and participating in group discussion and decision making.


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 copywriting symbols. Prerequisite: CM 171 or 172 consent of instructor and ability to use typewriter. Either semester.


276 Television: History and Aesthetics (3 credits). An examination of television as an entertainment medium from a critical and historical points of view. Course includes a study of dramatic and comedic types, the development of specialized programming, and the social and cultural influences on program content.

277 Photo Communication (3 credits). A study of photography as a means of communication. Includes the planning and production of photography for publication and broadcast. Two hours lecture and two hours laboratory per week. Prerequisite: AR-251. Fall 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, education, and in the professions.

311 Speech-Communication for Teachers (3 credits). Designed to improve the prospective teacher's awareness of communicative processes related to effective teaching. Emphasis on various communication situations confronted by teachers and strategies for maximizing student-teacher relationships. 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.

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

321 Rhetorical Theories (3 credits). An examination of theories concerning the complexity of interaction among ideas, messages, and men, including analysis of various message strategies.

331 Message Analysis and Criticism (3 credits). An evaluation of methods and strategies of communication. Includes the application to critical appraisals of public address.

322 Contemporary Public Communication (3 credits). The nature, function, and influence of public communication in contemporary society. An examination of major events and issues in an attempt to identify particular characteristics of public dialog which reflect, reinforce, and alter public opinion.

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 Intercultural Communication (3 credits). An analysis of societal and cultural influences on interpersonal communication. A critical examination of the interaction between and among subcultures as well as across cultural boundaries. Spring semester.

361 Organizational Communication (3 credits). The application of communication theory and methods 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. Either semester.

378 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 yearbook. Spring semester.

387 History of Mass Communication (3 credits). Traces the development of the concepts, technologies and practices of mass communication. Primary focus on the emergence of the mass media as a disseminator of news, opinion, entertainment and advertising. Prerequisite: Upper division standing. Fall semester.


401 Methods of Teaching Communication (3 credits). Analysis and planning of curriculum for speech communication. A study of instructional materials, classroom techniques and methods, development of behavioral objectives, and management of co-curricular programs. Interest primarily for the individual preparing to teach speech communication or direct forensic activities in the secondary school.

412 Persuasion (3 credits). Emphasis on theories of persuasion. Examination of variables and message strategies relevant to the persuasive process. Practical application of theory in the analysis and construction of persuasive messages.

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 techniques 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.

461 Ethics, Law and Communication (3 credits). An in-depth study of the laws and ethics related to communication. Prerequisite: Upper division standing. Spring semester.

471 Radio-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.

472 Editorial and Feature Writing (3 credits). A study of methods of gathering material, constructing, and writing editorials, feature articles or programs and scripts for mass media. Fall semester.


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

DEPARTMENT OF ENGLISH

Chairman and Professor: Dr. Charles G. Davis: Professors: Boyer, Chatterson, Wright, Associate Professor: Maguire, Peak, Wallace, E. Willis; Assistant Professors: Ackley, Burnmaster, Chambers*, Cucrin, Evatt, Haddern, Hansen, King, Leach, Mccurry Mcguire, Mullany, Nickerson, Sahni, Sanderson, Selander, Townsand, Trusky, Wamer.

* 1977-78 on leave.

REQUIREMENTS OF ENGLISH MAJORS

Bachelor of Arts Degree

I. Completion of general university requirements for Bachelor of Arts. See Pages 17-18.

II. Completion of Departmental Core

1. Specific Courses
   a. Survey of British Literature (E-240 and E-260) ..... 6
   b. Shakespeare (E-345 or E-346) ..... 3
   c. Introduction to Language Studies (LI-305) ..... 3
   d. History of Literary Criticism (E-393) ..... 3
   e. Senior Seminar (E-498) ..... 2
2. Area Requirements
   a. American Literature (E-270, E-377, E-378 or E-384) 3
   b. Pre-1800 British Literature (E-340, E-341, E-347, E-348, E-349, E-350, E-351, E-355, E-357 or E-369) 6

III. Completion of Departmental Option
1. Liberal Arts Option
   a. Competence in a Foreign Language equivalent to two years of university instruction.
   b. History of the English Language (LI-309) 3
   c. Upper Division English Electives 15

2. Secondary Education Option
   a. Applied English Linguistics (LI-307) 3
   b. English Methods Courses (E-301 and E-381)* 6
   c. Oral Interpretation (CM 241) 3
   d. Upper Division English Electives 9
   e. Idaho Certification requirements

Grand Total
1. Liberal Arts Option - General university requirements, plus 44 hours in major subject, plus equivalent of 2 years of a foreign language.
2. Secondary Education Option - General university requirements plus 35 hours in major subject, plus professional courses in certification. (See Part V for required Professional Education courses).

* Fulfills Area I requirements.
* Fulfills part of certification requirements.

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 thinks constitutes a solid 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.

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 43 under the Department of Communication for the listing of requirements.

Graduate Program
Master of Secondary Education

*English Emphasis

Applicants who have at least twelve semester credit hours of upper division work in English with a grade point of 3.0 in those courses and who meet general graduate school requirements will be accepted as regular graduate students. Students who do not have the required upper division English work will be admitted on a provisional basis and will be advised what steps to take to qualify for regular status.
English

122 Composition and Reading for Foreign Students (3 credits). Practice in college level reading and composition, development of special vocabulary skills related to individual areas, and an advanced English sentence structure. For Foreign Students with TOEFL of 551-575. Prerequisites: based on evaluation of student's original work. Fall semester.

123 Advanced English Composition for Foreign Students (3 credits). Study and practice in the principles of formal and informal written English, primarily of the essay and research paper: continuation of vocabulary development and mastery of the common core of English structure. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

201 Advanced Expository Composition (3 credits). An advanced writing course for students who wish to develop skills beyond those acquired in English Composition. Students examine specimens of professional writing as well as criticizing the work of other students. Extensive writing practice stressing organization, clarity, and effectiveness. Prerequisite: E 102 or consent of Department Chairman. Each semester.

202 Technical Writing (3 credits). Practice in writing the main kinds of reports used in the sciences, social sciences, health sciences, and other fields in which writing about facts and ideas must be accurate and unambiguous. Students will work on improving the logic, organization, and persuasiveness of their writing. They will practice techniques of research and documentation in their respective fields. Will not fulfill Area 1 graduation requirements. Either semester. Prerequisite: E 102 or consent of department chairman.

206 Creative Writing—Poetry (3 credits). Prerequisite: instructor’s consent based on evaluation of student’s original work. Fall semester.

206 Creative Writing—Fiction (3 credits). Short story or playwriting. Prerequisite: instructor’s consent based on evaluation of student’s original work. Spring semester.

211 The Bible As Literature (3 credits). A study of selected portions of the Old and New Testaments as they illustrate, primarily, major literary types. Prerequisite: E 102 or consent of Department Chairman. Fall semester.

213 Afro-American Literature (3 credits). The black experience as reflected in the development of Black American literature. This course relates Afro-American writing to its salient social and cultural conditions. It explores recurrent and characteristic thematics and techniques, and generalizes the theme that the black present is on Black writing from the 1930’s to the present day. Prerequisite E 102 Fall semester.

216 Far Eastern Literature, In Translation (3 credits). A survey of literature of Far Eastern countries with the major emphasis on China, India, and Japan. Included will be an introduction to the cultural and religious milieu of each country covered in the course. Prerequisite: E-102 Spring semester.

217 Mythology (3 credits). Thematic approach to mythology. Covers creation myths, death rituals, and cultural concepts of the hero. Includes material relating myth to religion, the occult, modern psychology, literature, and general Western culture. Prerequisite: E 102 Fall semester.

219 North American Indian Folkslore and Literature (3 credits). A comparative study of tradiitonal Native American beliefs and practices as reflected in authentic oral narratives and creative written literature. The content, form, and style of oral narratives and the functions which these narratives serve in preliteracy societies are presented. Prerequisite: E 102, Fall semester.

230 Western World Literature (3 credits). This course is an introduction to the cultural and literary history of Western civilization through some of the most powerful, strongly flavored novels. Reading includes selections from the great literature of ancient Greece, imperial Rome, medieval Europe, and Renaissance Europe. Prerequisite: E-102 Fall semester.

252 American World Literature (3 credits). A continuation of E-230, which focuses on the survival and reassessment of traditional Western values and attitudes along with the skepticism and rebellion which has become characteristic of more recent times. Reading includes selections from the Enlightenment Age onwards. The emphasis is on Black writing from the 1930’s to the present day. Prerequisite E 102 Fall semester.

240 Survey of British Literature to 1790 (3 credits). A study of the major works, authors, and developments in English literature. The course is intended to provide a background for understanding the literature of English speaking people. Prerequisite: E-102. Fall semester.

260 Survey of British Literature: 1790 to Present (3 credits). A study of the major works, authors, and developments in English literature of the past 200 years. The course continues the coverage of E-240 to the present. Prerequisite: E-102 Spring semester.

270 Survey of American Literature (4 credits). The course traces the artistic, philosophic, social, scientific, and intellectual influences on American writers and the emergence of an independent American outlook. Reading is selected from American authors representative of their times. Prerequisite: E-102. Each semester.

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 communication into all the other aspects of the total English program. Limited to teachers, with a secondary option and a major or minor in English, or consent of the department. Prerequisites: Upper Division standing, and LI 305, Intro to Linguistics, or instructor’s consent. Fall 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). A survey of major European dramatists from Aeschylus to Anouilh, with special emphasis on the composition and contrast of the Greek, Renaissance, and modern periods. Also included is material on the development of European college, college and minor in English, or consent of the department. Prerequisite: Upper Division standing and E 102 or consent of the Department Chairman. Either semester.

338 Nineteenth Century Continental Literature (3 credits). A study (in translation) of major European writers of the Nineteenth Century. Most of the works will be taught each semester, but keep within a chronological approach stressing the relationship of the literature to the social-economic and political conditions of the times. Included are works by Balzac, Stendhal, Flaubert, Dostoevsky, Tolstoy, and Chekhov. Prerequisites: Junior standing and E 102 or consent of Department Chairman. Fall semester, alternate years. To be offered 1978-1979.

340 Chaucer (3 credits). A study of representative works of Geoffrey Chaucer with emphasis on The Canterbury Tales and Troilus and Criseyde. Prerequisite: Three credits lower division literature or consent of Department Chairman. Fall semester, alternate years. To be offered 1978-1979.

341 Medieval Epics and Romances (3 credits). A study of representative English and Continental epics and romances, which include Boccaccio, Sir Gawain and the Green Knight, Chrestien de Troyes' Arthurian Romances, The Songs of Roland, The Mabinogion, and The Canterbury Tales. Prerequisites: Three credits lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1977-1978.

345 Shakespeare: Tragedies and Histories (3 credits). A study of representative Shakespearean Tragedies and Histories. Prerequisites: Three credits lower division Shakespearean Comedies and Romances. Prerequisites: Three credits lower division literature or consent of Department Chairman. Either semester, alternate years to be offered 1978-1979.

346 Shakespeare: Comedies and Romances (3 credits). A study of representative Shakespearean Comedies and Romances. Prerequisites: 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. An introduction to the poetry of Spenser and minor works. Either semester, alternate years. To be offered 1977-1978.

348 British Renaissance Non-Dramatic Literature (3 credits) A study of British poetry and prose from the sixteenth century, including works by More, Marlowe, Spenser, Sidney, Shakespeare, and Bacon. Prerequisites: Three credits lower division literature or consent of Department Chairman. Either semester, alternate years to be offered 1978-1979.

349 Elizabethan and Jacobean Drama (3 credits). A study of Elizabethan and Jacobean comedies and tragedies, which include representative works of such playwrights as Kyd, Marlowe, Jonson, Thomas Heywood, Beaumont and Fletcher, Dekker, Greene, Tournier, Chapman, Middleton, Webster, and Ford. Prerequisite: Three credits lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1978-1979.

350 Earlier Seventeenth Century Non-Dramatic Literature (3 credits). A study of poetry and prose written by English authors such as Donne, Jonson, Bacon, Burton, and Behn, and the first stage plays of Shakespeare and Jonson. Prerequisite: Three credits lower division literature or consent of Department Chairman, alternate years, fall semester. To be offered 1977-1978.

351 Milton (3 credits). A study of a selected prose and poetry of John Milton with special emphasis on Paradise Lost and the English Reformation. A special attention will be given to intellectual, religious and historical milieu of Milton’s age. Prerequisite: Three credits lower division literature or consent of Department Chairman. Either semester, alternate years to be offered 1978-1979.

355 Dryden Pope and Their British Contemporaries (3 credits). An in depth study of two of the masters of 'neoclassic' poetry and other literary trends. The course will also provide an introduction to Restoration drama, the period essay, modern prose fiction and the various modes of satire popular in England between 1660 and 1740. Prerequisite: Three credits lower division literature or consent of Department Chairman. Alternate years, fall semester. To be offered 1977-1978.

362 Swift Johnson and Their British Contemporaries (3 credits). A study of the satirical poetry and prose of two of Britain's best known writers. A look at the various currents which cross a period in which the "Enlightenment" gave way to modern outlooks. Other authors read usually include Fielding, Sterne, Gray, Gibbon, Burke, and Blake. Prerequisite: Three credits lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1978-1979.


367 Tennyson and Their British Contemporaries (3 credits). A study of the aesthetic poetry produced in the Victorian period, the period of the "big four" - Tennyson, Browning, Smollett and Stendall, the canonic major works of the 19th century. The idea of the "british"--time, place, and people--will be the major focus. Prerequisite: Three credits lower division literature or consent of Department Chairman. Fall semester.


369 British Novel: Beginnings through Scott (3 credits). An in depth study of the development of the novel, tracing its roots and exploring the work of Defoe and the "big four" - Fielding, Smollett and Sterne, through the emergence of the sophisticated novels of Jane Austen and the historical romances of Scott. The emergence of the most popular genre of literature helps us understand the fashion for what is fashionable about the world around us. Prerequisite: Three credits lower division literature or consent of Department Chairman. Fall semester.


372 Tennyson and Their British Contemporaries (3 credits). A study of the aesthetic poetry produced in the Victorian period, the period of the "big four" - Tennyson, Browning, Smollett and Stendall, the canonic major works of the 19th century. The idea of the "british"--time, place, and people--will be the major focus. Prerequisite: Three credits lower division literature or consent of Department Chairman. Fall semester.
Thomas Hardy. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1977-78.

386 Victorian Prose (3 credits). A study of the intellectual and spiritual crises of mid-19th century Britain, as represented in the non-fiction prose of such men as Carlyle, Arnold, J.S. Mill, Hussey, Newman, and Ruskin. Prerequisite: Three credits of lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1978-79.

389 British Novel: Austen through Hardy (3 credits). An investigation of the development of the English novel from the beginning of the Victorian era to the death of Hardy in 1928. With particular attention to the relationships between the novel and Victorian society, this course traces the emergence of the modern novel. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester.

377 American Renaissance (3 credits). A study in the secondary generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulses of Puritanism, Romanticism and Idealism, created the first universal vision of human experience as it appears in American literature. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

378 American Realism (3 credits). A study of American literature written during the period from the Civil War to World War I. Mark Twain, W. D. Howells, Henry James, Kate Chopin, Theodore Dreiser, and contemporaries refined their literary techniques to accommodate their basic belief that literature should be written about the average person in the light of common day. Such related theories and ideas as Social Darwinism, psychology, science, impressionism, and Howells’ “doctrine of complicity” also receive attention in lectures and in discussions of novels. Prerequisite: Three credits of 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 303. Fall semester.

384 Literature of the American West (3 credits). Selected works by representative writers of the American West. A study of such Western types as the mountain man, the cowboy, and the pioneer by the works of such serious writers as Wallace Stegner, Owen Wiener, H. L. Davis, John Steinbeck, and Willa Cather. In addition to assessing the literary merits of the work studied, critical attitudes and values are analyzed and discussed. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction (3 credits). This course is designed to acquaint students with both-major and minor literature in typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by such authors as James, Eliot, Faulkner, Hemingway, Fitzgerald, Lawrence, O’Connor, Steinbeck, Welty, and others. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

389 Twentieth-Century Anglo-American Drama (3 credits). A study of plays that reveal tactics and ideas used by the British and American writers who have created the various forms of "modern" drama. Prerequisite: Three credits 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. Prerequisite: E-102 and junior standing or consent of Department Chairman. Either semester.

393 History of Literary Criticism (3 credits). 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.

401, Advanced Writing (3 credits). Writing for the student who wants advanced training in expressing ideas. The emphasis is on developing a personal style. Taking full account of technical and stylistic sophistication, their appropriateness for a specific audience. Will not fulfill Area I requirement for graduation. Either semester. Prerequisite: Permission of the instructor or E-201.

487G Twentieth-Century Anglo-American Poetry (3 credits). A study of representative works by important Twentieth-Century British and American Poets and of philosophical and aesthetic concerns these works reveal. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

488G 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.

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

Graduate

The introductory seminar (E-500) is prerequisite to other 500 level seminars. However, with the consent of the candidate's committee, the student may concurrently take another seminar. With the excepted seminars E-501 and E-597, all seminars must be in English. Prerequisite: E-500 or consent of Department Chairman. Spring semester.

386 Victorian Prose (3 credits). A study of the intellectual and spiritual crises of mid-19th century Britain, as represented in the non-fiction prose of such men as Carlyle, Arnold, J.S. Mill, Hussey, Newman, and Ruskin. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1977-78.

389 British Novel: Austen through Hardy (3 credits). An investigation of the development of the English novel from the beginning of the Victorian era to the death of Hardy in 1928. With particular attention to the relationships between the novel and Victorian society, this course traces the emergence of the modern novel. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester.

377 American Renaissance (3 credits). A study in the secondary generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulses of Puritanism, Romanticism and Idealism, created the first universal vision of human experience as it appears in American literature. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

378 American Realism (3 credits). A study of American literature written during the period from the Civil War to World War I. Mark Twain, W. D. Howells, Henry James, Kate Chopin, Theodore Dreiser, and contemporaries refined their literary techniques to accommodate their basic belief that literature should be written about the average person in the light of common day. Such related theories and ideas as Social Darwinism, psychology, science, impressionism, and Howells’ “doctrine of complicity” also receive attention in lectures and in discussions of novels. Prerequisite: Three credits of 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 303. Fall semester.

384 Literature of the American West (3 credits). Selected works by representative writers of the American West. A study of such Western types as the mountain man, the cowboy, and the pioneer by the works of such serious writers as Wallace Stegner, Owen Wiener, H. L. Davis, John Steinbeck, and Willa Cather. In addition to assessing the literary merits of the work studied, critical attitudes and values are analyzed and discussed. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction (3 credits). This course is designed to acquaint students with both-major and minor literature in typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by such authors as James, Eliot, Faulkner, Hemingway, Fitzgerald, Lawrence, O’Connor, Steinbeck, Welty, and others. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

389 Twentieth-Century Anglo-American Drama (3 credits). A study of plays that reveal tactics and ideas used by the British and American writers who have created the various forms of "modern" drama. Prerequisite: Three credits 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. Prerequisite: E-102 and junior standing or consent of Department Chairman. Either semester.

393 History of Literary Criticism (3 credits). 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.

401, Advanced Writing (3 credits). Writing for the student who wants advanced training in expressing ideas. The emphasis is on developing a personal style. Taking full account of technical and stylistic sophistication, their appropriateness for a specific audience. Will not fulfill Area I requirement for graduation. Either semester. Prerequisite: Permission of the instructor or E-201.

487G Twentieth-Century Anglo-American Poetry (3 credits). A study of representative works by important Twentieth-Century British and American Poets and of philosophical and aesthetic concerns these works reveal. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

488G 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.

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

Graduate

The introductory seminar (E-500) is prerequisite to other 500 level seminars. However, with the consent of the candidate's committee, the student may concurrently take another seminar. With the excepted seminars E-501 and E-597, all seminars must be in English. Prerequisite: E-500 or consent of Department Chairman. Spring semester.
GERMAN MAJOR

From the core of German courses and from the University course offerings, German majors may map out a program to suit their own objectives. They may wish to acquire special secondary skills or knowledge (which is encouraged). However, they must be consistent with the following requirements:

1. Completion of general college requirements for Bachelor of Arts degree as listed in the Bulletin.
2. The program has a minimum of 36 semester hours of upper division work (300 and 400 levels). 30 of which must be in German.
3. 12 credit hours of the German work must be on the 400 level.
4. Majors with the Secondary Education Option must take FL 412 and G 410 as part of the 20 credit hours toward certification.
5. The candidate for the BA in German, Liberal Arts Option, must successfully complete one Senior Seminar.
6. The program must be developed in consultation with the major advisors and the department chairman.
7. The candidate must demonstrate his or her level of language competency in German on the MLA or equivalent examination during the last semester in the program.

SPANISH MAJOR

From the core of Spanish courses and from the University course offerings, Spanish majors may map out a program to suit their own objectives. They may wish to acquire special secondary skills or knowledge (which is encouraged). However, they must be consistent with the following requirements:

1. Completion of general college requirements for Bachelor of Arts degree as listed in the Bulletin.
2. The program has a minimum of 36 semester hours of upper division work (300 and 400 levels). 30 of which must be in Spanish.
3. 12 credit hours of the Spanish work must be on the 400 level.
4. Majors with the Secondary Education Option must take FL 412 and S 410 as part of the 20 credit hours toward certification.
5. The candidate for the BA in Spanish, Liberal Arts Option, must successfully complete one Senior Seminar.
6. The program must be developed in consultation with the major advisors and the department chairman.
7. The candidate must demonstrate his or her level of language competency in Spanish on the MLA or equivalent examination during the last semester in the program.

REQUIREMENT FOR A FOREIGN LANGUAGE TEACHING MINOR

In order to be recommended by the Department of Foreign Language to teach a foreign language, the student must have completed the following: 6 hours of upper division composition and conversation in the foreign language; 6 hours of upper division literature or culture and civilization in the same language; 3 hours of methods of teaching foreign languages.

Placement Test

Students with previous experience in foreign language are expected to take the FL Placement Test administered at the beginning of each semester (check the BSU Fall & Spring Calendars for specific times). Placement into the proper course will be made on the basis of placement test results in consultation with foreign language placement advisors. Credit for previous work can be gained.

COURSES

FR FOREIGN LANGUAGE

110 Applied Phonology: French, German, Italian (3 credits). Phonetic description and articulatory analysis of French, German, and Italian languages, especially designed for students in vocal music and related areas. This course may be taken concurrently with any foreign language offered. Fall semester, alternate years. Offered in 1975-76.

412 Teaching Methodology in Foreign Languages (3 credits). This course is designed for prospective and practicing Foreign Language teachers. Theoretical discussions of various problems and trends in language learning will be applied to practical issues in order to illustrate how the proposed activities and techniques can facilitate language acquisition. Emphasis on the evaluation of Foreign Language objectives, methods of instruction, and culture content, with special reference to classroom settings and interaction, testing and evaluation, educational media and language laboratory, resources and bibliography. Each student is encouraged to develop innovative and creative means of teaching. Local foreign language, secondary classrooms will be visited. Final grade based on: Class contribution, readings, written projects, practicum, and final examination (in all of which a foreign language competency is assumed). Prerequisites: a minimum of 9 upper division credits in one foreign language (3 hrs in Composition and Conversation, 3 hrs in Culture and 3 hrs in Literature) or permission of the instructor and chairperson. 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, 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.

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.

Upper Division

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 in French. Prerequisite: F 201-202 or demonstrated proficiency. Meets the literature requirement for baccalaureate degrees. Offered alternate academic years. Not offered in 1976-77.

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 in French. Prerequisite: F 201-202 or demonstrated proficiency. Offered in alternate academic years.

305 French Culture and Civilization (3 credits). Coverage of French civilization from pre-historic beginnings to the French Revolution. Special attention to contributions to the development of western civilization. Following topics are treated: Geography. history, French literature, Paris, art, sciences. French educational system. French life. All lectures and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent as determined by placement test. Fall semester. Offered in alternate academic years.

306 French Culture and Civilization (3 credits). Coverage of French civilization from the Napoleonic era to the present. Special attention to contributions to the development of western civilization. Following topics are treated: Geography. history, French literature, Paris, art, sciences. French educational system. French life. All lectures and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent as determined by placement test. Spring semester. Offered in alternate academic years.

G GERMAN

Lower Division

101-102 Elementary German (4 credits). This course emphasizes listening, speaking, reading, and writing skills. Readings include cultural subject matter. Minimum of one hour lab work per week expected. Four class contact hours per week. Each semester. 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 instructor, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.
201-202 Intermediate German (4 credits). A continuation of G 101-102, this course emphasizes listening, speaking, reading and writing. Focus on vocabulary building, grammar, cultural and literary reading and writing assignments. Minimum of 1 hour lab work per week. Prerequisite: G 102 or equivalent as determined by placement examination and consultation.

Upper Division

303 Advanced German Conversation and Composition (3 credits). Intended to give students idiomatic fluency in language skills. Current German newspapers, magazines, radio and television programs, films, and tapas form the basis of class work. Lab work and frequent writing required. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

304 Advanced German Conversation and Composition (3 credits). A continuation of G 303 with same basic objectives. However, closer attention paid to matters of style, type and free composition. Newspapers, magazines, reviews and reports, documents and essays, films and slides form the basis of class work. Lab work and frequent written compositions required. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

331 Introduction to German Literature and Literary Studies (3 credits). Major writers and periods provide samples from various genres and an overview of German literary development. The course is intended to provide insights into literary craftsmanship. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in 1977-78.

376 German Culture and Civilization (3 credits). German civilization from prehistoric times through the 18th century. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German, some outside readings in English. Prerequisite: German equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

377 German Culture and Civilization (3 credits). German civilization from 1800 to the present. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Some outside readings in English. Prerequisite: German equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

410 Applied Linguistics for the German Language Teacher (2 credits). Application of the main concepts, aspects and features of modern linguistics to specific problems entailed in the teaching of the German language. Functional application of linguistic theory to foreign language teaching and learning practices with emphasis on the ways in which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology and syntax. Prerequisite: LI 305 and a minimum of 6 credits of upper division German. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1977-78.

415 Die Aufklarung und Sturm und Drang (18th Century) (3 credits). Essays, plays, fictional prose and poetry offer the student a picture of the literary and intellectual ferment marking the Enlightenment and the "Storm and Stress." Reading selections will be taken from the writings of Gottsched, Haller, Klopstock, Lichtenberg, Kant, Herder, Lessing, J.M.R. Lenz, the early Goethe and Schiller and others. Prerequisite: G 231 or permission of instructor. Offered in alternate academic years. Offered in 1977-78.

425 Literatura Mexicano-Americana (3 credits). Representative writings by major Mexican-American authors. with emphasis on socio-cultural as well as literary values. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

430 Advanced Spanish Conversation and Composition (3 credits). A practical course to continue expanding facility in expressive conversation as well as accuracy in writing Spanish. Focus on analysis of vocabulary and pronunciation. Discussion of topics related to Hispanic contemporary trends, current events, everyday life, and other themes of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1977-78.

434 Introduction to Spanish Literatures and Literary Analysis (3 credits). A theoretical and practical study of literary analysis, the different genres, movements and periods, as well as the various approaches to literary explication, interpretation, and criticism, using as models some of the major works of Hispanic literature. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1977-78.

437 Culture y Civilizacion Latinoamerica (3 credits). Spanish-American civilization from ancient origins to contemporary times. An intensive analysis of the historical, political, economic and cultural developments of the Hispanic-American nations, and their contributions to the western world. Discussions in Spanish, some readings in English. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

445 Die moderne Zeit beginnt (1890-1946) (3 credits). "Ist's": trends and writers from the turn of the century, the Weimar Republic, to the collapse of the Third Reich: Naturalism, Impressionism, Expressionism, Neue Sachlichkeit, Blut und Boden Literature, and Exile Literature. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered in 1977-78.

450 Introduccion a la Historia de las Lenguas Indigenas de Mexico (3 credits). An introduction to the history, language, culture and literature of the indigenous peoples of Mexico. Written in Spanish; some readings in English. Required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

455 Senior Seminar (3 credits). Required of all German majors in the liberal arts option. Individual research into an area of interest originating in the seminar. The research culminates in a paper to be presented to the seminar. Prerequisite: Senior standing. Offered in alternate academic years. Offered in 1978-79.

R RUSSIAN

101-102 Elementary Russian (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. Classroom instruction is conducted one hour per week of required laboratory practice. The class is conducted in Russian. Fall and Spring semester. Offered in alternate academic years. Offered in 1977-78.

S SPANISH

Lower Division

101-102 Elementary Spanish (4 credits). Designed to develop abilities in understanding, speaking, reading and writing Spanish. Offers a basic study of grammatical structure and vocabulary. Readings and audiolingual activities introduce the student to the Hispanic culture. Minimum of 1 hour lab work and 4 class contact hours per week. Each semester. Students may not enroll in 101 for credits if they have had more than one year of high school Spanish or equivalent. With permission of the instructor, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101.

201-202 Intermediate Spanish (4 credits). Intended to further develop Spanish language skills, both oral and written. Intensive review of fundamentals of structure and vocabulary. Topics for conversation, reading, and writing focus upon culture of the Hispanic countries. Minimum of 1 hour lab work and 4 class contact hours per week. Prerequisite: S 102 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

203 Advanced Spanish Conversation and Composition (3 credits). A practical course to continue expanding facility in expressive conversation as well as accuracy in writing Spanish. Offers analysis of grammar and expansion of vocabulary through cultural and literary readings. Discussion of topics related to Hispanic contemporary trends, current events, everyday life, and other themes of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1977-78.

204 Advanced Spanish Conversation and Composition (3 credits) Designed to continue expanding facility in expressive conversation as well as accuracy in writing Spanish. Discussion of topics related to contemporary Hispanic world, and other areas of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

311 Introduction to Hispanic Literatures and Literary Analysis (3 credits). A theoretical and practical study of literary analysis, the different genres, movements and periods, as well as the various approaches to literary explication, interpretation, and criticism, using as models some of the major works of Hispanic literature. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

331 Introduction to Hispanic Literatures and Literary Analysis (3 credits). A theoretical and practical study of literary analysis, the different genres, movements and periods, as well as the various approaches to literary explication, interpretation, and criticism, using as models some of the major works of Hispanic literature. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

335-336 Exposicion y Practica (3 credits). In-service teaching and/or equivalency as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

385 La Gente Mexicano-Americana en los Estados Unidos (3 credits). A bilingual/bicultural course dealing with the historical roots of Mexican-Americans, through the Spanish conquest of Mexico and the Colonial period, the Mexican-American War, and the development of the Mexican-American population in the United States over the past 130 years, including the "Chicano... "La Raza... "La Causa," and other recent social and political movements. Readings and papers in Spanish and English required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

410 Applied Linguistics for the Spanish Language Teacher (2 credits). Application of the main concepts, aspects and features of modern linguistics to specific problems entailed in the teaching of the Spanish language. Functional application of linguistic theory to foreign language teaching and learning practices with emphasis on the analysis of the ways in which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology and syntax. Prerequisite: LI 305 and a minimum of 0 credits of upper division Spanish and/or in-service teaching and/or equivalency as determined by placement test and interview. (Each semester). Offered in alternate academic years. Offered in 1978-79.

425 Literatura Mexicano-Americana (3 credits). Representative writings by major Mexican-American authors, with emphasis on socio-cultural as well as literary values. Among them: Montoya, Alvarez, Ponca, Elizondo, Sanchez, Paolita, Rivera, Mendez, Martinez, Muro, Navarro, Eternhofer, etc. Prerequisite: S 331 or permission of instructor. Offered in alternate academic years. Offered in 1978-79.
designed for students who would like a career in applied geology or who plan to attend graduate school. The more generalized curriculum leading to the B.S. degree in Earth Science Education is offered in the departments of Economics, History, Political Science, and Sociology and Urban Studies.

Assistant Professors: Delia Donaldson, Mink (on leave); Research Associate: Guinmette; Visiting Professor: Hardymen.

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

The curriculum leading to the B.S. 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 B.S. degree in Earth Science Education is designed to prepare the student to teach earth sciences in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.

The program leading to the B.S. degree in Geophysics is designed for students who would like a career in applied geophysics or who plan to attend graduate school. The need for
### Earth Science Education Major

**Bachelor of Science Requirements**

1. General College and Baccalaureate Degree Requirements. See pages 17-19 for Graduation Requirements.

2. Major Requirements

<table>
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<tr>
<th>Credits</th>
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<td>Physical Geology</td>
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<td>Historical Geology</td>
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<tr>
<td>Introduction to Ocean Geology</td>
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<td>Meteorology</td>
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<td>Geomorphology</td>
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<td>B. College Chemistry</td>
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<td>C. General Physics or General Biology</td>
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<td>D. Mathematics through M 112</td>
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<td>E. Astronomy</td>
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<td>F. Recommended Electives</td>
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#### JUNIOR YEAR

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<td>Stratigraphy</td>
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<td>Structural Geology</td>
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<td>Paleontology</td>
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<td>Degree Requirements</td>
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#### SENIOR YEAR

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<td>Upper Division Electives in Geology</td>
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### Geophysics Major

**Bachelor of Science Requirements**

1. General college and baccalaureate degree requirements

2. Major requirements:

<table>
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<tr>
<th>Credits</th>
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<th>1ST SEM.</th>
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<td>Physics of the Earth</td>
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<td>Applied Geophysics I &amp; II</td>
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<td>E. Mathematics</td>
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<td>M-112, 205, 206</td>
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<td>Technical Writing</td>
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</table>
The curriculum for the Master of Science in Secondary Education, Earth Science emphasis is intended to provide education for earth science teachers with the course offerings stressing current data and developments in the discipline. The planning, preparation, and conducting of laboratory investigations and outdoor field trip activities are emphasized. Because of the great variety of background training of present secondary earth science teachers, the course offerings have been chosen and designed to allow maximum flexibility in planning individual programs. A preliminary examination, oral or written, will be administered to each candidate.

Required courses include TE-560, GO-598 and a final thesis, project, or additional courses as determined by the committee. All other courses to be taken in the degree program are planned by the student and his graduate committee. A final comprehensive oral and/or written examination over course work and the thesis or project is required.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

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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 trips. Three hours of lectures and three hours of laboratory per week. Prerequisite: Historical Geology and College Algebra and Trig. Fall 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 crystallography and the classification of the optical properties of minerals into qualitative and quantitative mineral examination. Laboratory experience in the preparation of materials for optical study and diagnostic techniques form 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 thin section. A systematic survey of the major rock types with emphasis on textures, mineralogy and classification. Prerequisite: GO-321. Spring semester.

351 Invertebrate Paleontology (4 credits). The study of the invertebrate phyla represented in the fossil record. Special emphasis is placed on classifying, placing in context, and interpreting the fossil record. Examples include large animals of the major phyla. Prerequisite: GO 250. Spring 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, sedimentary, and tectonic aspects of examining the ability of water to penetrate the ground water reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratigraphy. Fall 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 on 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. Spring semester.

431 Petroleum Geology (3 credits). A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution. Interpretation of geophysical and sedimentary data, and evaluation of the potentiality of petroleum reserves in the Pacific Northwest. One two-hour lecture per week and one three-hour lab per week. Prerequisites: General Geology and GO 302. Fall semester. Offered 1975.

441 Introduction to Geophysical Methods (3 credits). The course will include material on surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques, and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to the solution of geophysical problems in exploration, geologic interpretation, and petroleum, engineering geology, and ground water geology will be stressed. Prerequisite: one year of college physics. Spring semester.

471 Regional Field Study and Report Writing (1 credit). This course constitutes library research and preparation of reports, geologic maps, road logs, and a travel guide, which is specific to a particular region. That region, to be designated at the beginning of the semester, is then visited and studied during a field trip, the trip is ordinarily taken during the spring seminar vacation period. Rocks, minerals, and fossils collected during the trip and photographs of specific merit are keyed to the guidebook, which is then compiled into final report form. One lecture per week. Field trip required. Prerequisite: upper division standing or consent of the instructor. Spring semester.

480 Field Geology (4 credits). Application of geologic principles and currently used field techniques to the solution of field problems. Work includes measurement and correlation of stratigraphic sections, plane table mapping, geologic mapping and observation of surface features, and interpretation of geologic phenomena and topographic maps, and special field techniques for igneous, sedimentary and metamorphic terrains. Instruction will be by appropriate specialized geologists. A formal test 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. Spring semester.

498, 499 Geology Seminar (1 credit). Research project based on field and/or literature study related to supervision of each of these seminars. Topics covered will be determined on an individual basis to meet the needs of the participants. Prerequisites: Geology Major or Earth Science Education Major. Each semester.

Graduate

511 Environmental Geology (3 credits). Environmental Geology deals with the geologic aspects of man's interaction with the earth's surface. Topics considered include human impact on the preservation of metallic and non-metallic mineral resources, soil and water conservation, the water cycle, earthquakes, volcanism, mass wasting and other geologic hazards. The requirements are additional to those cited above and contrasted with the following credits required for the protection of our forest environment. Prerequisite: Graduate status, or consent of the instructor. Fall semester.

521 Advanced Topics in Earth Science (3 credits). The study, review, and discussion of current literature, classroom and laboratory demonstrations, teaching aids and the preparation of three trips 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 student's capability to teach earth science in the elementary and secondary school. Prerequisite: Graduate status or consent of instructor. Summer School.

531 Regional Geology of North America (3 credits). A systematic study of the geologic provinces of North America with special emphasis on their geologic relations and physical environment. The purpose of the course is to develop a working knowledge of the features of the earth's crust; particularly in terms of its structural and geologic history and the mineral resources available for the use of society. Prerequisite: Graduate status or consent of the instructor. Spring semester.

541 Methods and Techniques of Gathering, Measuring and Testing Geologic Data (3 credits). A study of correct and approved ways to collect representative field samples of rocks, minerals, fossils, etc., to measure topographic, structural and stratigraphic entities; to analyze and classify statistically sedimentation, petroleum and mineralogic samples with laboratory techniques, and to log subsurface data from boreholes and by geophysical means. Prerequisite: Consent of the Department Chairman. Fall semester.

551 Current Topics in Geology (3 credits). An investigation of current research, debates and developments regarding practical, as well as theoretical, issues in geologic science. Prerequisite: Graduate status or consent of the instructor. Spring semester.

561 Earth Science Teaching Techniques (3 or 4 credits). This course is a study of the social world affects culture. Lectures, slides, and the early experiences Emphasis will be placed on the preparation and presentation of lectures, laboratory exercises and field trips. Sources of earth science teaching materials and techniques will be studied. Motivation of the student interest by the incorporation of environmental problems and materials will be emphasized. This course provides the student with an opportunity to experience the use of the classroom and lecture room. Prerequisite: Graduate status or consent of the instructor. Either semester.

571 Geochemistry (3 credits). The application of chemical principles to the understanding of earth materials and processes. The origin and distribution of elements in the earth and the solar system. Chemical cycles. Chemical principles of mineral formation and weathering. Geochemistry and the environment. Prerequisite: Graduate status, one year of college chemistry and one year of college geology, or consent of instructor. Spring semester.

591 Project (3-6 credits). A field, laboratory or library investigation. The student will select a project according to his own interest and pursue it to a logical conclusion. Weekly progress meetings are held with the instructor and a final report is prepared. Prerequisite: Graduate status and 15 credits in Earth Science, or consent of the instructor.

593 Thesis (3-6 credits). The scholarly pursuit of original work on a field or laboratory project or the formulation of new and logical interpretations of existing data collected by library research. A final report suitable for presentation at a meeting of earth science professionals is required. Prerequisite: Admission to candidacy.

596 Independent Study and Research (1-4 credits). Field or library research project. Student may work on his own problem or select from a list provided by instructor. Weekly progress meetings. Final report. Prerequisites: Physical Geology or Fundamentals of Geology and/or consent of instructor.

598 Graduate Seminar (1-3 credits). The preparation and presentation of oral and written reports on topics in earth science and/or science education. Prerequisites: Graduate status or consent of instructor. Spring semester.

599 Final Examination (1 credit). Written comprehensive examination. Candidates for the M.S. degree in geology must pass the examination, which will contain questions in both physical and applied geology. Prerequisite: Approval of the Promotor and the Geology Department Chairman. 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. Each semester.

102 Cultural Geography (3 credits). Cultural Geography is a study of the distribution and character of man's cultural activities throughout the world. These activities will be viewed in two respects: 1. How culture affects the physical world; 2. How the physical world affects the culture. This course will give background for the study of geography, for science professionals is required. Prerequisite: Admission to candidacy or consent of the instructor.

202 The Use and Interpretation of Maps and Globes (3 credits). The course consists in the intensive use and interpretation of maps and globes. The intent is to familiarize students in the great variety of maps and globes available and the particular advantages and disadvantages of each type. It is aimed at anyone who might have need of maps and globes, such as teachers and history, geology and archaeology majors. The course is non-technical, in that little math is required. Course materials consist of texts, slides, motion pictures, as well as maps and globes. Prerequisite: consent of the instructor.

221 Geography of Idaho and the Pacific Northwest (3 credits). The course deals with the physical and cultural geography of the Pacific Northwest, with particular emphasis on Idaho. Topics covered will include the physical environment, the changing physical, biological, social, political and economic changes the region is undergoing. In addition, the role of the Pacific Northwest in relation to the rest of the United States is studied. Sources of information to the student include: the textbook, readings from professional journals, the Idaho Historical Society, and slides, motion pictures and writings of area researchers.
231 Comparative Geography of Canada and Latin America (3 credits). The course is a comparative study of the natural and cultural geographies of Canada and Latin America. Comparisons and contrasts will be made between these environments, peoples and potential of each region. Their location in relation to the United States and the other countries of the world will also be explored. Films, slides, and guest speakers — along with appropriate texts — will be used. Prerequisite: Intro to Geography or consent of instructor.

241 Comparative Geography of Africa and the Far East (3 credits). A study of the physical and cultural geography of Africa and the Far East, with emphasis on the relationships and changes within the regions. Lecture topics include the various landscapes, flora and fauna, peoples and geographic problems. Slide presentations, overhead transparencies, motion pictures, current researchers and native speakers, as available, are resources for the course. Prerequisite: Intro to Geography or consent of instructor.

301 Historical Geography of the United States (3 credits). Historical Geography is the study of the areal distribution and variation of resources and man's activity related to producing, exchanging and consuming commodities and products. Economic activity and material culture studied in the context of where they are located, and the significance of these properties in understanding the complexities of the earth. Fall semester. Prerequisites: Physics 220 and Geology 101 or consent of instructor.

326 Physics of the Earth (3 credits). The course will include a discussion of the earth's gravity, magnetism, electricity, seismicity, heat and radioactivity and the techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to solving geologic problems in exploration, geology, economic and petroleum, engineering geology and groundwater geology will be stressed. Spring semester. Prerequisites: Physics 220 and Geology 101 or consent of instructor.

461 Applied Geophysics I (5 credits). A detailed treatment of the application of geophysical methods used in petroleum and mineral exploration and geotechnical investigations. Practical laboratory and field studies will be conducted using geophysical instrumentation. Theory, data acquisition, data reduction and interpretation will be emphasized. Four one-hour lectures and one three-hour lab. Fall semester. Prerequisites: GG-314, GP-301, PH-221 and 222, M-321.

462 Applied Geophysics II (5 credits). A continuation of GP-461 with emphasis on field procedures, equipment array and geophysical surveying techniques. Four one-hour lectures, one three-hour lab and numerous field problems. Spring semester. Prerequisite: GP-461.

GEO PHYSICS

Upper Division

301 Introduction to Geophysics (3 credits). The course is a survey of surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of these techniques to solving geologic problems in exploration, geology, economic and petroleum, engineering geology and groundwater geology will be stressed. Spring semester. Prerequisites: Physics 220 and Geology 101 or consent of instructor.

326 Physics of the Earth (3 credits). The course will include a discussion of the earth's gravity, magnetism, electricity, seismicity, heat and radioactivity and the techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of these techniques to solving geologic problems in exploration, geology, economic and petroleum, engineering geology and groundwater geology will be stressed. Spring semester. Prerequisites: Physics 220 and Geology 101 or consent of instructor.

461 Applied Geophysics I (5 credits). A detailed treatment of the application of geophysical methods used in petroleum and mineral exploration and geotechnical investigations. Practical laboratory and field studies will be conducted using geophysical instrumentation. Theory, data acquisition, data reduction and interpretation will be emphasized. Four one-hour lectures and one three-hour lab. Fall semester. Prerequisites: GG-314, GP-301, PH-221 and 222, M-321.

462 Applied Geophysics II (5 credits). A continuation of GP-461 with emphasis on field procedures, equipment array and geophysical surveying techniques. Four one-hour lectures, one three-hour lab and numerous field problems. Spring semester. Prerequisite: GP-461.

G S GENERAL SCIENCE

306 Teaching Science in the Secondary School (3 credits). A course designed to introduce the prospective secondary school science teacher to an understanding of the nature of science—both as subject matter and as processes of scientific inquiry. The implications of this understanding as they relate to secondary school science teaching are explored in depth in terms of methodology, objectives, and evaluation. Special emphasis is placed on problems of communicating scientific ideas, effective modes of instruction and evaluation, and curriculum materials for secondary school science teaching. Spring semester, alternate years.

301 History of Science (3 credits). This is a survey of man's efforts to understand the natural world. "Ancient Science" is presented as an introduction to the evolution of science since the 16th century. "Modern Science" is presented with emphasis on the development of modern scientific thought. Historical illustrations of the nature of scientific research in the evolution of science are presented. This course may be taken for either HY or GS Credit, but not for both.

DEPARTMENT OF HISTORY

Chairman and Professor: Dr. Warren L. Vitz. Professors: Barrett, Caylor, Lovin, Ouda. Associate Professors: Fletcher, Sims, Sylvester, Terry, Tozer. Assistants: Bonaches, Odahl, Zirkus.

54
istory credits be upper division, and that courses be selected to complement their major.

IV. History Minor Option

1. Lower Division Courses .......................... 12
   U.S. History (HY 151, 152, or 251, 252) 12
   Western Civilization (HY 101, 102, 103, or
   201, 202, 203) 12

2. Upper Division Courses .......................... 12
   To be chosen from two of the three major areas (U.S.,
   Europe, Third World) offered by the department.

In addition to the above the State Department of Education may require additional courses for certification in the minor field.

*Language equivalency required by the History Department will be determined by the Department of Foreign Languages.

**Majors must have course work distributed between U.S. European and Third World history with at least 12 hours in one area and at least 6 hours in each of the other two.

MASTER OF ARTS, SECONDARY EDUCATION,
HISTORY EMPHASIS

I. Admissions

See Part VIII Graduate School Information page 131 in catalogue.

II. Program Requirements

The Master of Secondary Education with a History emphasis will consist of a minimum of thirty-three hours planned by the student and his advisory committee from the following alternatives.

A. 33 hour with thesis
   1. Secondary Education Core .......................... 6 hours
   2. History Emphasis ................................. 12 hours
   3. Free Electives .................................. 9 hours
   4. Thesis (defended orally) .......................... 6 hours
   5. Written exam on work taken in the History
      Department toward the degree

B. 33 hour with project
   1. Secondary Education Core .......................... 6 hours
   2. History Emphasis ................................. 15 hours
   3. Free Electives .................................. 9 hours
   4. Project .......................................... 3 hours
   5. Written or oral examination covering aspects
      of his project and course work taken in the
      History Department toward the degree

C. 36 hour
   1. Secondary Education Core .......................... 6 hours
   2. History Emphasis ................................. 18 hours
   3. Free Electives .................................. 12 hours
   4. Written examination covering course work
      taken in the History Department toward the degree

III. Course Offerings

A. Required courses
   1. HY 500 Historians and Historical
      Interpretation ................................. 3 hours
   2. HY 502 Teaching History in the
      Secondary Schools ............................. 3 hours
   3. HY 510-11 History of Western Thought
      3 hours
   4. HY 520 Sources of American Values ............. 3 hours
   5. HY 580. 581 Seminar ............................ 3 hours
     582
   6. TE 560 Secondary Education Core ............... 6 hours

B. Elective courses

   Additional courses from History or allied fields as planned
   by the student and his graduate committee to meet program requirements.

C. Additional information

   1. Some students may be required to remove deficiencies before admission to candidacy. Students with
      strong undergraduate history may apply to challenge, waive, or replace parts of the emphasis requirements.
   2. Students electing a double emphasis will draw up their program in consultation with their committee.
   3. A maximum of six hours in 400G History courses may be substituted for seminar work in the History
      offerings.

COURSES

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.

201 Problems in Western Civilization (3 credits). Selected problems in Western Civilization from the Ancient Near East, Greco-Roman, and early Middle Ages with emphasis on the influence of Hebrew monotheism, Athenian democracy, the Roman constitution, and Medieval society and Western thought. Not open to students who have credit in HY 101. Prerequisite: Course in high school or consent of instructor. Either semester.

202 Problems in Western Civilization (3 credits). Selected problems in Western Civilization from the High Middle Ages to 1815 with emphasis on the problems of nation making and religious and political revolutions in Western society. Not open to students who have credit in HY 102. Prerequisite: Course in high school or consent of instructor. Either semester.

203 Problems in Western Civilization (3 credits). Selected problems in Western Civilization from 1815 to the present with emphasis on the problems of nationalism, imperialism, socialism, communism, the world wars, and the post war world. Not open to students who have credit in HY 103. Prerequisite: Course in high school or consent of instructor. Either semester.

206 Lewis and Clark (2 credits). A survey of the "Corps of Discovery" from Wood River, Illinois, to the ocean and return, with study of the medical, scientific, anthropological and other aspects of the expedition. Alternate years, spring semester.

210 Introduction to the Study of History (2 credits). An introduction to the study of history for liberal arts students, exploring the nature of the discipline, and dealing with practical problems of historical research and writing, including the applications of various methodological approaches to the analysis of data. Required of all history majors. Liberal arts option. Prior to taking any upper division history courses. Either semester.

211 The Study and Methods of Teaching History (3 credits). An introduction to the study of history for those who plan to teach. The course explores the nature of the discipline, includes practical work in historical methods, and deals with particular problems of uniting teaching methodology with substantive historical knowledge. Required of all history majors-secondary education options, prior to taking upper division history courses. Either semester.

251 Problems in U.S. History (3 credits). Selected problems in U.S. History from the colonial era through independence, nationalism, Jacksonianism, Civil War, and Reconstruction. Not open to students who have credit in HY 151. Prerequisite: Course in U.S. History in high school or consent of instructor. Fall semester.

252 Problems in U.S. History (3 credits). Selected problems in U.S. History from the rise of industry and labor through populism, imperialism, progressivism, world war, depression, and world leadership. Not open to students who have credit in HY 152. Prerequisite: Course in high school or consent of the instructor. Spring semester.

261 History of Minorities in the United States (3 credits): This course focuses on the problems encountered by ethnic minorities in their quest for equal opportunity and equal rights in American society. Public opinion and the national response within the framework of American History will be emphasized. Current legislation, judiciary proceedings, and power movements also will be studied. Either 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 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. Spring semester or Summer.

Upper Division

307 Modern Germany (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 presented through the "opening to the east" inspired by Willy Brandt. HY 103
recommended. Either semester, alternate years.

308 France Since the Revolution (3 credits). The failure of Franghism in the 19th
and 20th centuries to achieve political and social equilibrium. The problem will
be traced through the establishment of the Fifth Republic by Charles deGaulle. HY 103
recommended. Either 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 Papal establishment and the role of the Church to the
secular state; and the effective establishment of papal
nationality, the effects of the long colonial relationship between Ireland and Great
Britain, the struggle for Irish independence, the contemporary Ulster issue. Either
semester, offered alternate years.

310 Colonial America (3 credits). Colonial rivalry in North America; an investigation
of the political organizations, social institutions, economic development, and the
war of American independence. Prerequisite: HY-151 or consent of instructor.
Fall semester.

311 The National Era, 1815-1848 (3 credits). The development of American na-
tionalism; the Era of Good Feelings; the emergence of Jacksonian Democracy;
Manifest Destiny; the beginnings of sectional rivalry; and the Mexican War. Pre-
requisite: HY-151 or consent of instructor. Spring semester.

312 The 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. Either semester, alternate years.

313 Western America (3 credits). The frontier as a region in transit from the Atlantic
seasides. Emphasis will be placed on the movement of people in the Trans
Mississippi West. HY: 103 recommended. Either semester, alternate years.

314 The Indian in American History (3 credits). 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.
Either semester. alternate years.

315 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 102 recommended. Either semester, alternate years.

316 Emergence of Modern America, 1871-1917 (3 credits). The industrial growth
of the United States; emergence as a world power. Russell, Wilson, and the
Progressive Era. Prerequisite: HY-152 or consent of instructor.

317 United States Economic History (3 credits). Major factors in the economic
growth and development of the United States from colonial times to the present.
Particular emphasis is given to the interaction of economic factors and other aspects
of American society. Prerequisite: Principles of Economics, EC 201 and EC 202, or
permission of instructor. May be taken for History or Economics credit, but not for
both. Either semester.

318 The Liberal Revolutions, 1776-1832 (3 credits). The restructuring of western
Europe's societies through political democracy and freedom of economic
opportunity, particularly as accomplished by the French Revolution and Napoleon.
Prerequisite: HY-102. Recommended additional preparation. HY 303. Either
semester, alternate years.

319 20th Century Revolutions (3 credits). The course will examine the history of egal-
tarian revolutionary ideas and movements of the twentieth century.
Emphasis will be given to the development of the ideas of Karl Marx, his pre-
cursors and successors. Either semester, alternate years.

320 Europe, 1648-1714 (3 credits). The course will compare the political and
social backgrounds of the major European countries in this period and examine
the causes of the Thirty Years War and the treaties that followed. The course
will consider the impact of the War of the Spanish Succession on the
development of the modern nation-state and the development of diplomacy and
the rise of international law on the European scene. Prerequisite: HY-151.
Either semester, alternate years.

321 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
of the United States as a world power; and the impact of domestic
developments upon the formulation of foreign policies. HY 151, 152 recommended.
Either semester, alternate years.

322 History of the Ottoman Empire. The breakdown of cosmopolitan
Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism.
Prerequisite: HY-103 recommended. Spring semester, alternate years.

323 History of the Islamic Middle East (3 credits). A history of the people, institutions
and humanism, and political concepts. with
attention to both the Papal establishment and the role of the Church to the
secular state; and the effective establishment of papal
nationality, the effects of the long colonial relationship between Ireland and Great
Britain, the struggle for Irish independence, the contemporary Ulster issue. Either
semester, offered alternate years.

324 The Modern Middle East: Cultures in Conflict 13 credits). A history of the Near
East from the 1st century B.C. to the fully developed papal monarchy
in the 11th century. Special subjects will cover the rise of Islam, the
Seljuk Turks, the Crusades, and the rise of the Ottoman Empire.
Prerequisite: Upper-Division standing or completion of HY-151-52.
Either semester, alternate years.

325 The Islamic Middle East (3 credits). A history of the people, institutions and
humanism, and political concepts. with
attention to both the Papal establishment and the role of the Church to the
secular state; and the effective establishment of papal
nationality, the effects of the long colonial relationship between Ireland and Great
Britain, the struggle for Irish independence, the contemporary Ulster issue. Either
semester, offered alternate years.

326 The Indian in American History (3 credits). 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.
Either semester. alternate years.

327 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 102 recommended. Either semester, alternate years.

328 History of Mexico (3 credits). This course examines cultural, social, political and
economic factors affecting the historical development of the Republic of Mexico. The course
is divided into three major components: (a) Historical development of Mexico
from the pre-colonial period to the Wars of Independence. (b) From nationality to the

SCHOOL OF ARTS & SCIENCES

History

Ancient Greece (3 credits). A study of the political, social, and cultural
development of Graeco-Roman civilization through the Hellenistic period, with
stress on those trends and achievements which have influenced later developments in
Western Civilization. Prerequisite: HY-101 or consent of instructor. Fall semester, alternate years.

Ancient Rome (3 credits). A survey of Rome from its earliest beginnings under
Etruscan rule through its late imperial phase in the 5th century of the Christian
era. Emphasis on political and military developments, social and religious changes,
outstanding personalities, and literary and artistic achievements. Prerequisite: History
101, Spring semester, alternate years.

The Medieval Church (3 credits). The political, economic and cultural
development of Medieval Europe from the fall of the Roman Empire to the
Renaissance. Prerequisite: HY-102 or consent of instructor. Suggested additional preparation. History 101.
Either semester, alternate years.

The Medieval Middle East (3 credits). A survey of the Christian Church from its
apostolic foundations in the 1st century to the fully developed papal monarchy
of the late 13th century. Special subjects include the Latinization of the
Church, the establishment of theological dogma and ethical norms, the relations of individual Christians to the world, and
the organization of the Church to the secular state, and the effective establishment of papal
power in Western Europe. Prerequisite: History 101 or consent of instructor. Recommended: History 321. Spring semester, alternate years.

The Islamic Middle East (3 credits). A history of the people, institutions and
humanism, and political concepts. with
attention to both the Papal establishment and the role of the Church to the
secular state; and the effective establishment of papal
nationality, the effects of the long colonial relationship between Ireland and Great
Britain, the struggle for Irish independence, the contemporary Ulster issue. Either
semester, offered alternate years.

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America's development and the impact of white society on Indian culture. The course
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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.
Either semester. alternate years.

The Indian in American History (3 credits). 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.
Either semester. alternate years.

The Indian in American History (3 credits). 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.
Either semester. alternate years.
Mexican Revolution of 1910. The contributions and shortcomings of the Mexican Revolution of 1910 in the development of indigenous institutions will be the focus of this section. (c) From the Mexican Revolution to the present; and will also analyze the contributions of Mexican Revolutionary Movements in the 19th and 20th centuries. Spring semester, alternate years.

480 Seminar in U.S. History (3 credits). Selected period, topic, or problem in U.S. History. Consult current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.

481 Seminar in European History (3 credits). Selected period, topic, problem or area in European History. Consult current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.

482 Seminar in Third World History (3 credits). Selected period, topic, problem, or area in Third World History. Consult current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.

498 History Seminar (3 credits).

Graduate

500 Historians and Historical Interpretation (3 credits). An examination of the major historians and schools of historical interpretation from Classical Greece to the twentieth century. Discussions will concern the historical writers and their works as well as problems of historical knowledge and the interpretation of history. Taught by several members of the history staff, this course offers variety and interpretation from specialists in many different fields of history. Prerequisite: Admission to the graduate program or consent of the department chairman.

502 Teaching History in Secondary Schools (3 credits). An inquiry into the philosophy of history; a consideration of the relationship of the discipline to other social studies and other fields of knowledge, and a survey of various techniques available to teachers of history at the secondary school level. Prerequisite: Admission to the graduate program or permission of the department chairman.

510 History of Western Thought (3 credits). History of Western Thought beginning with the Ancient Near East to the Renaissance and Reformation. A study of intellectual and cultural trends reflected in Western religious and philosophical literature. Prerequisite: Admission to the graduate program or consent of the department chairman.

511 History of Western Thought (3 credits). History of Western Thought from 1500 to the present. A study of intellectual and cultural trends reflected in Western religious and philosophical literature. Prerequisite: Admission to the graduate program or consent of the department chairman.

520 Sources of American Values (3 credits). A study of the origins of American thought and culture. The Puritan mind, enlightenment ideas, the intellectual climate of the new nation, and an exploration of American values on the eve of the Civil War. laissez-faire capitalism and the reaction to industrialism follow. Students then examine the evolutionary or revolutionary nature of the twentieth-century topic of their choice: that is, the source of a contemporary political, economic, or social attitude or position. Prerequisite: Admission to the graduate program or consent of the department chairman.

580 Graduate Seminar in U.S. History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of U.S. History. Emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or consent of the department chairman.

581 Graduate Seminar in European History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of European History. Primary emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or consent of the department chairman.

582 Graduate Seminar in Third World History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of Third World History. The Third World scope includes Latin America, Far East, Middle East and Africa. Primary emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or consent of the department chairman.

591 Project (3 credits).

593 Research and Thesis (6 credits).

598 History Seminar (3 credits).

SCHOOL OF ARTS & SCIENCES

Home Economics

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. Students will learn skills and values which will enable individuals and families to be more economical with resources available to them in our country today. Students whose interest is the development of understanding and skills which will contribute to the well-being of the individual, family and community are not required to register for laboratory science.

HOME ECONOMICS CURRICULUM

FRESHMAN YEAR:

1ST SEM.
2ND SEM.

Laboratory Science .................. 4 4
English Composition ................ 3 3
Introduction to Home Economics ...... 1 —
Clothing .......................... 3 3
Art ................................ 2 2
Textiles ................................ — 3
Physical Education Activities ......... 2 1
Clothing & the Individual ........... 2 1

*Electives .......................... 17 17

SOPHOMORE YEAR:

1ST SEM.
2ND SEM.

House Planning ...................... — 3
Food & the Individual .............. 4 —
Home Furnishings .................. 3 3
Nutrition ................................ — 3
Social Science (History, Political Science) ............ 3 3
Microbiology ....................... — 3
Human Physiology and Anatomy ...... 4 —
Psychology .......................... 3 —
Introduction to Sociology .......... — 3

*Electives .......................... 17 16

COURSES

HE 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. Fall semester.

103 Clothing (3 credits). Designed for students interested in clothing construction involving basic, intermediate and advanced projects selected according to the students' ability, creativity, and interest. There will be emphasis on current speed techniques and solution of individual fitting problems. One hour lecture and two 3-hour laboratory periods each week. Each semester.
SCHOOL OF ARTS & SCIENCES
Mathematics

107 Clothing and The Individual (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, purchasing and care of ready-to-wear apparel, fabrics and accessories. Two hours lecture per week. Each semester.

109 Textiles (3 credits). Study of material and synthetic textile fibers, yarns and fabrics; selection of appropriate fabrics for various uses, considering wearing qualities and care required. Study will also be made of the relationship of raw materials, construction, and finish to quality and cost. Major textile laws and regulations will also be considered. Two hours lecture and one 2-hour laboratory each spring semester. Fall semester.

111 Fashion Analysis and Design (2 credits). A course designed for the study of costumes throughout history and its effect on today's fashions, a comprehensive study of design and its functional role; analysis of the figure and how to solve related problems through design, fabric selection and color. Contributions of fashion designers and opportunities in designing and related fields will also be studied. Two hours lecture each week. Fall semester.

203 House Planning (3 credits). Basic considerations in house planning for economy, comfort, convenience, and beauty. Evaluation of plan in relation to family needs, interior and exterior design, materials, financing and methods of construction. Housing in relation to the family and community. Three hours lecture each week. Spring 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. Fall semester.

208 Food and the Individual (4 credits). A lecture, lab class in which assessment is made of the interrelationships of the nutritive value of foods, principles of food preparation and the human body. Laboratory experience includes approved techniques of food preparation to retain nutrients and enhance aesthetic qualities. Sanitary standards and procedures for handling food products will be stressed. Effective use of material, time, energy and money will also be studied. Prerequisite: HE 103. HE 107. HE 109. Two 3-hour laboratory periods each week. Spring semester.

303 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 garments could be a choice between knit or woven fabric. Common fitting problems are studied and solutions derived. A personal master pattern is developed to fit students personal need. Current tailoring techniques are stressed. Prerequisite: HE 103. HE 107. HE 109. Two 3-hour laboratory periods each week. Spring semester.

305 Home Furnishings and Interior Design (3 credits). The primary emphasis of the course is planning home interiors. Study consists of: analysis of life styles, basic needs, space division, color and design, furniture selection, floor coverings, major structural elements and enrichment. The extended environment and historical heritage are also studied. Prerequisite: AR 105. Three hours lecture each week. Fall semester.

DEPARTMENT OF MATHEMATICS

Chairman and Associate Professor: Dr. William P. Mac; Associate Chairman and Associate Professor: Dr. Daniel G. Lamer; Professors: Maloof, Takada. Associate Professors: Anderson, Ferguson, Furuyama, Hughes, Juola, Kerr, Sukenaka, Ward, Wiame, Young, Assistant Professors: Ball, Haukahl, Kenny, Smartt, J. Smith Sugayama.

The Department of Mathematics provides two bachelor's degree programs. The curriculum leading to the bachelor's degree in mathematics is designed for those students whose career interests involve the use of mathematics or who plan to attend graduate school. The curriculum in secondary education is designed to prepare the student to teach mathematics in secondary schools and to meet Idaho teacher certification requirements. The master's program is to provide advanced education for junior and senior high school mathematics teachers.

REQUIREMENTS FOR
MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Programs

1. Mathematics Degree:
   1. College requirements for B.A. or B.S. degree, including electives.
   2. Mathematics requirements
      Lower Division
      Calculus through M206 or M212
      M124 (Digital Computer Programming)
      M225 (Applied Fortran Programming) or M226 (Assembler Language)
      Upper division mathematics: 27 or more credits
      One or more of:
      M301 Linear Algebra (4)
      M302 Intro. to Abstract Algebra (3)
      M306 Number Theory (3)
      One or more of:
      M314 Foundations of Analysis (3)
      M406 Complex Variables (3)
      One or more of:
      M361 Fundamentals of Statistics (4)
      M362 Probability Theory (4)
      M431-432 Probability and Statistics (6)
      Three or more semester courses, including a sequence, at the 400 level (9-12)
      M406 or M431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

The particular mathematics courses used to satisfy the degree requirement may be chosen from specific courses in such areas of mathematics as: computer programming, applied mathematics, statistics, and theoretical mathematics. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.

Students interested in engineering can form a program leading to a Bachelor's degree in mathematics. This program could include many of the upper division physics or engineering courses offered at B.S.U. and satisfy most of the mathematics requirements with application-oriented mathematics courses.

A mathematics degree program can also be developed by those students interested in a computer-related career. This program would include many business courses, the courses needed for the mathematics major, and M124, M226. A reading knowledge of at least one of French, Russian or German is highly desirable.

II. Secondary Education Degree

1. College requirements for B.A. or B.S. degree, including electives.

2. Mathematics requirements
   Calculus through M206 or M212
   M124 (Digital Computer Programming)
   Upper division mathematics
   M301 Linear Algebra (4)
   M302 Intro. to Abstract Algebra (3)
   M311 Foundations of Geometry (3)
   M314 Foundations of Analysis (3) or M406 Complex Variables (3)
   M361 Fundamentals of Statistics (4) or M362 Probability Theory (4) or M431-432 Probability and Statistics (6)
   M490 Mathematics in Secondary Schools (3)

3. Electives (Recommended: M225, M226, M306, M312)

4. Education Requirements (See Part V) 20 credits
   (M490 counts as an education elective)

5. A 45 semester hour major or a 30 semester hour major with a 20 semester hour minor.

In order for students to complete the requirements for the Secondary Education degree, certain course scheduling and ordering are necessary. The following suggested program reflects these factors.
### Secondary Education Degree

**Suggested Program**

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<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
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<td>English Composition</td>
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<td>Calculus M 206</td>
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<td>Programming M 124</td>
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<td>General Psychology</td>
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<td>Foundations of Education</td>
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<td>Linear Algebra M 301</td>
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<td>Elective</td>
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<td>Intro. to Abstract Algebra M 302</td>
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<td>Fundamentals of Statistics M 361</td>
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<td>Probability Theory M 362</td>
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<td>Educational or Adolescent Psychology</td>
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<td>Foundations of Geometry M 311</td>
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<td>Mathematics in Secondary Schools M 490</td>
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**Teaching Minor in Mathematics**

**Suggested Program**

- 20 credits to include:
  - M 124: 2 credits
  - M 112 or M 211: 5 credits
  - M 206 or M 212: 4-5 credits
  - One of M 302: 3 credits
  - M 306: 3 credits
  - M 311: 3 credits or 4 credits
  - M 361: 4 credits
  - M 362: 4 credits

Students who plan to teach in high school are recommended to take M 206 and a second of the 300 level courses listed above. All students are advised to contact a member of the mathematics faculty for assistance in planning a program.

### MASTER'S IN SECONDARY EDUCATION WITH MATHEMATICS EMPHASIS*

**A.** The Master of Secondary Education with a Mathematics emphasis may be attained through any of the following 3 options.

1. The 30-hour "course-work option"
   - (a) Secondary Education Core: 6 credits
   - (b) Mathematics Emphasis: 12 credits
   - (c) Free electives: 9 credits
   - (d) An additional 3 credit course in mathematics and a comprehensive written examination over all mathematics coursework: 3 credits
   - (e) An oral examination over all mathematics coursework included in the Master's Program.

2. The 33-hour "project option" is the same as the "course-work option" parts (a) through (d) with the addition of M 591.

3. The 33-hour "thesis option" is the same as the "course-work option" parts (a) through (d) with the addition of M 593.

### B. Mathematics Requirements

1. **Required Courses**
   - M 501, 502 Real Analysis I, II or M 541
   - M 542 Modern Algebra
   - M 598 Seminar in Mathematics

2. **Elective Courses**
   - Additional courses as planned by the student and his graduate committee to meet program requirements.

### C. Additional Information

1. Credit in Workshop (594 or 599) is limited to a total of 3 credits to be applied to partial fulfillment of the requirements for the emphasis in Mathematics.

2. Some students may be required to remove deficiencies before admission to candidacy. Students with strong undergraduate mathematics may apply to challenge, waive, or replace parts of the emphasis requirements.

*The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

### 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 engineering, 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 Mathematics for Elementary Teachers** (3 credits): Fundamental concepts of mathematics including the study of place value and basis, 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-105 each semester.

- **105-106 Mathematics for Business Decisions** (4 credits each): Matrices, systems of linear equations, graphing, linear programming, finite probability, discrete random variables, limits, derivatives, curve sketching, partial derivatives, optimization problems, and integrals. Prerequisite: sufficient knowledge of high school algebra to perform satisfactorily on a placement test which will be given on the first meeting of M-105 each semester.

- **111 Algebra and Trigonometry** (5 credits). Selected topics in college algebra and trigonometry. The course will prepare the student for calculus. Prerequisite: the passing of a placement test in algebra or a grade of "satisfactory" in M-200. Each semester.

- **112 Calculus and Analytic Geometry** (5 credits): Analytic geometry of the straight line, functions, limits, continuity, differentiation of algebraic functions with applications, definite and indefinite integrals with applications. Prerequisite: Skill in algebra and basic knowledge of trigonometry. Each semester.

- **115-116 Mathematics for the Life Sciences** (5 credits each): Designed primarily for students in the life sciences. Review of equations, functions and their graphs, logarithmic and exponential functions, trigonometry, discrete probability theory, differences and integral calculus of one variable, continuous probability theory 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 M115. 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.
206 Calculus and Analytic Geometry (4 credits). Transcendental functions, methods of integration, determinants, matrices and linear equations. Analytic geometry of a point, plane and vector equations. Prerequisite: M-112 or the passing of a placement test over the material of M-112. Each semester.


211-212 Accelerated Calculus (5 credits each). Analytic geometry, functions, limits, differentiation and integration with applications, transcendental functions of integration. Vectors, solid analytic geometry, vector functions, partial derivatives, multiple integrations, introduction to differential equations. The course is essentially an accelerated version of the three semester sequence M-106-107-108. Prerequisite: M-111, M-116 with grade of A or strong high school background. Yr course M-211 Fall M-212 Spring.

225 (EN-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: M-124 (EN-104) and M-208. Credit cannot be obtained for both M-225 and EN-225. Fall semester.

228 Assembly Language I (4 credits). Assembly language programming for the IBM 370 Data representation, the machine instruction, looping, address modification, homebase output, program sectioning and linking. Prerequisite: M-124 (EN-104) or consent of instructor. Spring semester.

301 Linear Algebra (4 credits). Matrix algebra, determinants, vector spaces and linear transformations. Prerequisite: M-206 or 212. Each semester.

302 Introduction to Abstract Algebra (3 credits). Sets, groups, integral domains, rings. Prerequisite: M-206 or 212. Spring semester.

306 Number Theory (3 credits). Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M-206 or 212. Spring semester.

311 Foundations of Geometry (3 credits). Euclidean, non-Euclidean, and projective geometries from an axiomatic point of view. Prerequisite: M-205 or 212. Fall semester.

312 Combinatorial Geometry (3 credits). Study of geometry of curves and surfaces in Euclidean spaces, maps, networks, topological equivalence of figures, topological spaces, and metric spaces. Prerequisite: M-205 or 212. Spring semester odd-numbered years.


331 Differential Equations (4 credits). Theory of ordinary differential equations with applications to physical sciences and engineering. Prerequisite: M-206 or 212. Fall semester.

340 Numerical Analysis (4 credits). The application of numerical methods to the interpretation and analysis of data; general iterative methods: approximation of functions, error analysis: solution of equations with the implementation of computer programming. Fortran programming, Flex, BASIC programming will be utilized. Prerequisite: M-124 (EN-104). M-206 or 212. Spring semester.


362 Probability Theory (4 credits). The algebra of sets, set functions, probability functions, random variables, distributions, densities, generating functions, conditional probability. Markov's inequality, central limit theorem, strong and weak laws of large numbers. Prerequisite: One of M-106, M-205 or M-212. Fall semester.

401-402 Advanced Calculus (3 credits). The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, theory of integration, transformations, infinite series. Prerequisite: M-314. Sequence beginning each Fall.

406 Theory of Functions of a Complex Variable (3 credits). Complex numbers. Functions of a complex variable, analytic functions, infinite series, integration, conformal mapping. Prerequisite: M-206 or 212. Fall semester.

411 Introduction to Topology (3 credits). Sets, metric spaces, topological spaces, connectedness, compactness. Prerequisite: M-314. Spring semester, even numbered years.


431-432 Probability and Statistics (3 credits). Basic concepts of probability theory, sampling distributions, random variables, mathematical expectation, central limit theorem, estimation and testing of hypotheses. Prerequisite: M-206 or 212. Sequence beginning each Fall.

441-442 Abstract Algebra (3 credits each). Set theory, group theory, homomorphisms, rings, fields, vector spaces, finite fields. Prerequisite: M-301, M-302. Sequence begins start of even numbered years.
junior officers in the Regular Army. The procurement is accomplished through the recurring selection of a number of distinguished military graduates.

Scope of Instruction

General. The complete course of instruction leading to a commission as a second lieutenant comprises four years and one summer camp, or two years and two summer camps. Training in military leadership is emphasized. Instruction is given in subjects common to all branches of the Army with stress placed on the following: Organization of the Army and ROTC, individual weapons and marksmanship, American military history, management, leadership, map and aerial photograph reading, U.S. Army and national security, military teaching principles, branches of the Army, tactics, communications, operations, logistics, administration, military law, and the role of the United States in world affairs.

Basic Course. The basic course consists of the first two years of military science, normally taken during the freshman and sophomore years. Satisfactory completion of the basic course fulfills one of the requirements for continuation in the four-year program and acceptance in the advanced course. Those students desiring to take the advanced course, but lacking the credit for the basic course, may satisfy the requirements by attending a six-week summer camp between their sophomore and junior years, or by academic course substitution. Veterans and some Reserve Component personnel are given credit for the basic course.

Advanced Course. The advanced course included two additional years of military science and a six-week summer camp. The camps consist of practical application of instruction previously given. Admission to the advanced course is accomplished through concurrence of the president of the university and the chairman of the Department of Military Science.

Requirements for Army Commissions

Applicants for admission to the advanced course must (1) have satisfied the requirements of the basic course, successfully completed the six-week summer basic camp or have completed 90 contact hours; (2) not have reached an age which will prevent appointment as a second lieutenant in the USAR upon graduation (the 28th birthday). In exceptional circumstances, the age may be waived or a compression of military science courses may be authorized to permit qualification for appointment before the 28th birthday. Students seeking a commission in the Regular Army must complete the course and graduation before reaching age 27; (3) complete successfully such survey and general screening tests as may be prescribed; (4) be selected by the president of Boise State University or any other institution to which he may be thereafter be admitted; (5) execute an individual contract with the government by which the student, in consideration of retainer pay at $100 a month for ten months each year, agrees to complete the advanced course at Boise State University or any other institution which he may thereafter be enrolled where such a course is given; (6) devote a minimum of five hours a week to the military training prescribed by the Secretary of the Army; (7) attend a six-week summer training camp between the junior and senior year, or in exceptional cases, at the end of the senior year; (8) enlist in a reserve component (This enlistment does not involve additional training or duty but is to insure compliance with the terms of the contract signed by the student); (9) agree to accept a commission if tendered; (10) serve on active duty as an officer for three years or three months as determined by the Department of the Army.

Scholarships

Financial assistance for selected students is offered in 1, 2, 3, and 4-year scholarship programs paying for tuition, fees, books and laboratory costs each year plus $100 a month retainer pay for ten months each year. Each student accepted for this assistance must serve four years of active duty after commissioning.

Flight Training

Flight training consisting of 36 1/2 hours of flying and 35 hours of ground school is offered to qualified advanced course students during their last complete academic year. Successful completion by the student leads to a private pilot's license and possible acceptance into the army's aviation program after commissioning. The complete cost is borne by the U.S. Army and instruction is given by an authorized local flying school under the supervision of the Federal Aviation Agency and the Department of Military Science. Each student completing this program and accepted for further army aviation training must agree to serve three years of active duty after commissioning.

Financial Assistance

Each advanced course student receives a retainer pay of $100 a month for ten months for two years. Summer camp pay in addition to meals, quarters, and medical and dental attention is paid as follows:

- Basic camp: $400 (approximately); regular camp, $400 (approximately); travel pay, $.08 per mile each way. A uniform allowance of $300 is paid to each commissioned student upon entry into active duty. Deserving and qualified students are tendered Regular Army appointments.

Uniforms

Basic and advanced course students will be provided uniforms, texts, and equipments. All such items of clothing and equipment are the property of the United States Government and are provided solely for the purpose of furthering the military training of the student concerned. Students are responsible for the safekeeping, care, and cleanliness of the property issued to them.

COURSES

ML MILITARY SCIENCE

101 Introduction to Military Science (1 credit). This course is designed to provide an overview of ROTC to include its history, a synopsis of the organization of the United States Army and a general introduction to the principles of leadership. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

102 Introduction to Military Science (1 credit). This course is designed to provide an introduction to orienteering and land navigation, communication and small unit tactics. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

201 Introduction to Leadership (2 credits). This course is designed to prepare the student for the ROTC Advanced Course. The course presents an introduction to leadership and basic map reading/orienteering. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

202 Military History (2 credits). The course is designed to prepare the student for the ROTC Advanced Course and the profession of Arms. The course will enable the student to form general concepts of the evolutionary nature of warfare, identifying those elements of war which remain relatively constant and those that are modified by time and circumstance. The student will acquire a general knowledge and appreciation of the development of the American Military System and its leaders. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

301 Leadership and Management (3 credits). This course is designed to increase the student's poise and confidence as a military instructor and leader. It is further designed to provide information on the branches of the Army available for assignment, and to assist each student in making his/her selection during the senior year. The course will also prepare the student for participation in Advanced Camp. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

302 Basic Tactics (3 credits). This course is designed to prepare the student for ROTC Advanced Camp. Additionally, this course will continue to develop leadership abilities, promote confidence, and ready students for military service as commissioned officers. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

61
SCHOOL OF ARTS & SCIENCES
Music

DEPARTMENT OF MUSIC

Chairman and Professor: Mr. Wilber D. Elliott; Associate Chairman and Associate Professor: Oaks; Professors: Best, Meyer, Taylor; Associate Professors: Baldwin, Cleveland, Hsu, Shelton; Assistant Professors: J.W. Pratt, Cooper, Samball; Instructors: Baldassarre, Blood, Thomson; Special Lecturer: Stern (Conductor-in-Residence).

Gifts and Memorials to the Music Department

The Music Department has been the recipient of many fine gifts of instruments, music and record collections from friends and supporters of the Department. In the Music Auditorium is housed the J.W. Cunningham Memorial Pipe Organ, a three-manual Austin organ of 45 ranks and 54 registers, given to the University by Laura Moore Cunningham. It is used for concert, teaching, and practice purposes. Also in the Auditorium is the console for the Harry W. Morrison Memorial Carillon, built by Maas-Rowe. Given as a memorial to her husband by Mrs. Velma Morrison, the Grand Symphony Carillon system chimes the hours and half-hours and twice daily plays a short program of carillon music. A familiar but unusual gift, seen in area parades and at home football games, is the BSU calliopie, given by Mr. Michael A. Compton.

Other gifts to the Music Department include several grand pianos, electronic equipment, instruments, record collections and music. The Music Department is grateful to these donors who have given so generously:

Dr. and Mrs. Robert deKieveld
Alice Gould
Dr. and Mrs. Arthur C. Jones
Sakellar Lan Jordan
Bryant S. Martinou
Marjorie Palmquist
Mr. and Mrs. Edward Utley
Mrs. Eli Weston

REQUIREMENTS FOR MUSIC MAJOR

Bachelor of Arts Program

A. Completion of general college requirements for the Bachelor of Arts degree as found on page 18 of this catalog.

B. Minimum Music Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Studies</td>
<td>8</td>
</tr>
<tr>
<td>Materials of Music I, II, III, IV</td>
<td>12</td>
</tr>
<tr>
<td>Beginning and Advanced Ear Training</td>
<td>4</td>
</tr>
<tr>
<td>Music History/Literature Courses</td>
<td>6</td>
</tr>
<tr>
<td>Ensemble</td>
<td>4</td>
</tr>
<tr>
<td>Concert Class (each semester)</td>
<td>0</td>
</tr>
<tr>
<td>Performance, Theory, Music Education, or General Music Electives</td>
<td>10</td>
</tr>
<tr>
<td>Senior Recital* or Senior Project*</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>45</td>
</tr>
</tbody>
</table>

* 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 preprofessional 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 University. (See course description for MA 010 for complete details). All students will perform on their major instrument before a faculty jury at the end of each semester. Students presenting MA-444, 445, or 446 recitals are exempt from faculty jury during the semester in which the recital is given.

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. A grade of C or better in MU213 will meet level I and II requirements for Music Education Majors. A grade of C or better in MU 314 will meet level III requirements for Performance and Theory-Comp majors. 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, totaling a minimum of 8 credits over a normal 4-year course of study, except that performance majors in Piano, Voice or Guitar will take only 6 credits of major ensembles. Piano performance majors will take 2 credits of accompanying (ME 180, 380) toward the required 6 credits. Guitar majors may take 2 credits of Guitar Ensemble (ME 167, 367) toward the required 6 credits. Other ensembles may be taken as electives in addition to the required major ensembles.

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 MA 010 course description for details).
- Materials of Music I, II, III, IV and Ear Training (L.D.)
- Basic Conducting (L.D.)
- Ensemble I, II, IV
- Elements of Form (Upper Division)
- Music History Courses (Upper Division — 3 credits will count toward Area I Requirements; see page 17)
- History and Lit of 20th Century (MU 306)
- Music History selected from MU 305, 307, 309, 310

Total: 40

1. Performance Emphasis Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General University and Basic Core Requirements</td>
<td>29-32</td>
</tr>
</tbody>
</table>

2. Music Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Music Core</td>
<td>38-40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Lower Division Performance Studies</td>
<td>14</td>
</tr>
<tr>
<td>1. All Performance Majors will take 2 credits of Performance Studies the first semester Freshman Year and perform a 4-credit jury prior to enrolling in 4-credit performance studies second semester.</td>
<td></td>
</tr>
<tr>
<td>C. Upper Division Courses</td>
<td>29-34</td>
</tr>
<tr>
<td>Performance Studies</td>
<td>16</td>
</tr>
<tr>
<td>Keyboard Harmony and Basic Improvisation</td>
<td>4</td>
</tr>
<tr>
<td>Counterpoint</td>
<td>4</td>
</tr>
<tr>
<td>Choral or Instrumental Conducting</td>
<td>11</td>
</tr>
<tr>
<td>Major Instrument Literature</td>
<td>21</td>
</tr>
<tr>
<td>Major Instrument Pedagogy I &amp; II</td>
<td>41</td>
</tr>
<tr>
<td>Advanced Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>Senior Recital</td>
<td>2</td>
</tr>
</tbody>
</table>

3. Electives                                        | 13-16   |

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Organ Majors must include MU 413-414, 4 cr.</td>
<td></td>
</tr>
<tr>
<td>B. Voice Majors must include 1 semester of MU 147, 1 credit</td>
<td></td>
</tr>
</tbody>
</table>
| C. Other electives may be chosen from any area.

Total: 128
II. Theory-Composition Emphasis Requirements

1. Music Core ....... 40
   Performance Major Studies .... 8
   Performance Minor Studies (To be
   piano, unless major is a keyboard
   instrument) .... 8

C. Upper Division Courses ...
   Performance Major Studies .... 32
   Advanced Form and Analysis .... 2
   Band and Orchestra Arranging .... 4
   Canon and Fugue .... 2
   Choral and Instrumental Conducting .... 2
   Continuo Realization and Improvisa-
   tion .... 4
   Counterpoint .... 4
   Keyboard Harmony and Basic Improv.
   4
   Music Composition .... 4
   Senior Composition Recital or
   Music Seminar .... 2

3. Electives (Any Area) .... 11-14
   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 University and Basic Core Requirements
   (including 3 credits of Music History in Area I) .... 29-32

2. Music Requirements:
   A. Music Core .... 40
   B. Lower Division Courses .... 15
   Performance Major Studies .... 8
   Functional Piano .... 2
   Instrumental Techniques & Methods .... 4
   Orientation to Music Ed .... 1

C. Upper Division Courses ...
   Performance Major Studies .... 23
   Band & Orchestra Methods &
   Materials .... 2
   Band Arranging .... 2
   Choral and Instrumental Conducting .... 2
   Choral Methods and Materials .... 2
   Instrumental Techniques and Methods .... 4
   Teaching Music in the Elementary
   Classroom .... 2
   One-half Senior Recital .... 1

D. Education School Requirements
   (General Psych — Area III) .... 12
   (Educational Psych — Area III) .... (3)
   Foundations of Education .... 3
   Secondary School Methods .... 3
   Practice Teaching .... 6

3. Electives (Any Area) .... 9-12
   Total: 128

* Performance Emphasis Majors in Piano, Voice or Guitar will take 6 credits. Piano
   Majors will include 2 credits of accompanying
1 Not required of Piano, Voice or Guitar Performance Emphasis Majors.
2 Required of Piano, Voice or Guitar Performance Emphasis Majors.

MASTER'S DEGREE IN SECONDARY EDUCATION*

Music Emphasis

Admissions and Program

A. The Master's Degree in Secondary Education, Music
   Education emphasis, is designed to meet the needs of
   the practicing junior high or high school music spec-
   ialist. While teaching experience is not necessary in
   order to begin work on this degree, any applicant for the

degree must either be currently certified as a secondary
school music specialist, or agree to begin the process
in order to begin work on this certification while working on the degree. Before Advancement to Candidacy can be
granted, the student must ordinarily show eligibility for
certification by the State of Idaho (or any other State).
Admission will be granted to applicants who hold a bach-
elor's degree from an accredited college or university,
and who give promise of meeting the standards set by the
Music Department.

B. All regular and provisional graduate students will be
   required to take diagnostic examinations during the first
   part of their first semester in attendance. The purpose of
   these examinations is to determine the student's strengths and weaknesses so that the student and his
   committee will be able to set up a program according to
   the student's needs. The examinations will be in the
   areas of music education, music theory, music history,
   and performance. The results of these examinations will
   be interpreted by the Music Department Faculty. The
   student's advisor will consult with the student about
   action towards remedying any deficiencies. Any under-
   graduate course used to make up the deficiencies will
   not count toward the Master's Degree. A student who
   has any deficiencies will be granted Provisional Status
   only, in the graduate program; when all deficiencies are
   removed, he may then seek Regular Status. A descrip-
   tion of the material covered on these examinations is
   available from the Music Department.

Course Offerings*

A. Required Courses
   1. MU-503 Introduction to Research Materials
      in Music Education .... (3 credits)
   2. MU-570 New Development in Music
      Education .... (3 credits)
   3. Culminating activity** or additional
      course work .... (3-6 credits)
   4. TE-560 Secondary Education Core courses (6 credits)
   5. Total hours: (30-33 credits)

B. Elective Courses

   Additional courses as planned by the student and his
   graduate committee.

* The graduate level courses to support this program will be regularly offered in
   odd and even semesters when funded by the legislature.
** A thesis or final project

COURSES

MA  MUSIC APPLIED — PERFORMANCE STUDIES

Major Area practice requirements:
   For 4 hrs. credit—18 hrs. practice per week.
   For 2 hrs. credit—12 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
attendances per semester: 10 sessions for all Music Majors, 8 sessions for all Music
Minors. As a part of this course, attendance at a minimum of 5 Music Department-
attended, on-campus concerts-recitals is required. Participation in the concerts-
recitals will not constitute attendance for meeting this requirement. Each semester.

Prerequisite to all private lesson courses: Consent of Instructor.

Students planning to enroll in upper division performance studies (MA-300 levels) must have completed two years or equi-
valent of the lower division level and must have passed the Jun-
ior 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 or university,
or from another department within BSU and
the Music Department. Before Advancement to Candidacy can be
gained, the student must ordinarily show eligibility for
certification by the State of Idaho (or any other State). Admission will be granted to applicants who hold a bach-
elor's degree from an accredited college or university,
and who give promise of meeting the standards set by the
Music Department.

A. The Master's Degree in Secondary Education, Music
   Education emphasis, is designed to meet the needs of
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   and performance. The results of these examinations will
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   only, in the graduate program; when all deficiencies are
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   3. Culminating activity** or additional
      course work .... (3-6 credits)
   4. TE-560 Secondary Education Core courses (6 credits)
   5. Total hours: (30-33 credits)

B. Elective Courses

   Additional courses as planned by the student and his
   graduate committee.

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** A thesis or final project

COURSES

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recitals will not constitute attendance for meeting this requirement. Each semester.

Prerequisite to all private lesson courses: Consent of Instructor.

Students planning to enroll in upper division performance studies (MA-300 levels) must have completed two years or equi-
valent of the lower division level and must have passed the Jun-
ior 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 or university,
or from another department within BSU and
the Music Department. Before Advancement to Candidacy can be
gained, the student must ordinarily show eligibility for
certification by the State of Idaho (or any other State). Admission will be granted to applicants who hold a bach-
elor's degree from an accredited college or university,
and who give promise of meeting the standards set by the
Music Department.
Music

127 Beginning Guitar Class (1 credit). This is a course in the technical fundamentals involved in playing the acoustic guitar for the beginner. Making use of popular and folk songs, the course is based on written notation and oral instruction, stressing chordal playing and correct posture and holding positions. Students are required to provide their own instrument. Meets twice a week. May be repeated once for credit. Each semester.

128 Intermediate Guitar Class (1 credit). A continuation of MA 127. Emphasis is given to understanding fret-board theory, reading musical notation for the guitar and solo playing. The concept of form is introduced and developed as it relates to unit placement work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 127 or permission of instructor. Each semester.

301 Advanced Guitar Class (2 credits). A study of musical and technical problems inherent in solo guitar playing. Chord construction and progression are studied in depth through intervalic analysis and functional harmonic relationships. Theoretical principles of guitar transcriptions are covered and improvisation is introduced. Meets three times a week. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either semester.

328 Jazz Guitar Class (1 credit). A course in jazz improvisation for the guitarist with a 1 year of playing experience. The use of the guitar in a historical perspective beginning with the 1930's. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either 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 University 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 105 and/or ME 305, 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 University. 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 the 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. Prerequisite: Approval by student's major department. 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 of brass ensembles. A public performance is required each semester. Maximum credits: ME 125, and/or ME 325, 8 cr. Prerequisite: permission of instructor. Either 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. 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 repertoire knowledge of 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.

141-341 Keyboard Percussion Ensemble (1 credit). In conjunction with the prerequisites of music for public performance, students will acquire a fine hand knowledge of phrasing, mallet selection and application, general ensemble techniques, musical style and interpretation, and repertoire. Students will also be encouraged to compose original music and/or arrange or adapt existing music for the ensemble. Each semester.

150, 350 Orchestra (1 credit). The Boise State University 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.

GRADUATE LEVEL PERFORMANCE STUDIES

Private lesson study in voice or on keyboard, string, wind or percussion instruments.

Students will be assigned on the basis of the audition. Performance, technical study, musical interpretation, literature and teaching technique will be stressed.

All MA 500 level courses are repeatable for credit to a maximum of 8 credits.

Graduate 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.

Graduate Senior Recital (2 credits). Students majoring in Performance Studies will be required to present a senior recital on their major instrument. Prerequisite: Major in Performance and permission of the student's supervising private teacher. Each semester.

Graduate Senior Composition Recital (2 credits). A recital for the performance of original compositions by the Theory-Composition Major. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition Majors. Prerequisite: Major in Theory-Composition and permission of supervising faculty member. Each semester.

SCHOOL OF ARTS & SCIENCES

Music

Strings
121, 371 Violin - 2 credits
172, 372 Violin - 4 credits
161, 361 Viola - 2 credits
162, 362 Viola - 4 credits
121, 321 Cello - 2 credits
122, 322 Cello - 4 credits
123, 323 String Bass - 2 credits
124, 324 String Bass - 4 credits

Guitar
125, 325 Guitar - 2 credits
126, 326 Guitar - 4 credits

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 Performance Recital (2 credits). Students majoring in Performance Studies will be required to present a senior recital on their major instrument. Prerequisite: Major in Performance and permission of the student's supervising private teacher. Each semester.

447 Senior Composition Recital (2 credits). A recital for the performance of original compositions by the Theory-Composition Major. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition Majors. Prerequisite: Major in Theory-Composition and permission of supervising faculty member. Each semester.

Each semester.
160, 360 String Ensemble (1 credit). A course designed to promote playing in and increasing repertoire knowledge of small string ensembles. A public performance is required each semester. Maximum credits: ME 160 and/or ME 360, 8 cr. Prerequisite permission of instructor. Each semester.

167, 367 Guitar Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of ensembles of or including guitar(s). Prerequisite: Second year playing proficiency and permission of instructor. Maximum credits: ME 167 and/or ME 367. 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.

185, 385 Duo-Piano Ensemble (1 credit). A basic survey of duo-piano literature from the Baroque to contemporary times. The student will learn how to cope with ensemble problems encountered in rehearsal and performance. Class sessions will consist of performance, listening and discussion. One paper will be prepared by each student. A public recital will be presented. Meets once a week, but at least one hour per week of outside preparation is expected of the student. Prerequisite: Consent of instructor. Maximum credits: ME 185 and/or ME 385 5 cr.

Graduate

510 Choral Ensemble (1 credit). A general chorus open to all interested students. The format of the course will be directly related to the size of enrollment, that is, choir, chamber ensemble, or collegeum musicum.

620 Instrumental Ensemble (1 credit). A performing group or groups will be formed, dependent on the size of enrollment, such as trios, quartets, band or orchestra. Opportunities to perform ensemble music of various kinds will be provided. Medieval, Renaissance, Baroque, Classic, Romantic and Contemporary music will be performed in groups from trios up to and including band and orchestra. Emphasis will be placed on the techniques of sight reading, interpretation, phrasing, articulation and proper performance practices of ensemble literature.

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 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.

119 Materials of Music I (3 credits). This course includes music fundamentals (notation, intervals, triads, scales and modes, key signatures); melodic cadences, melodic construction and decoration; 2- and 3-voice textures (linear and vertical aspects); with emphasis on aural and visual recognition. Analysis and compositional skills regarding major and minor, harmonic structures. Two hours per week. Prerequisite: Materials of Music II MU-119. Spring semester.

121-122 Beginning Ear Training (1 credit). A course designed to correlate with Materials of Music I and II and which emphasizes auditory training in scales (including the modes and major and minor) and all triads. The course includes training 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 Materials of Music I and II. Fall semester.

133 Introduction to Music (3 credits). An elective open course open to all students and familiarizing the listener with the musical expression. The emphasis is laid upon the enjoyment of music through the understanding of recorded and live music. Each semester.

147 Survey of Opera and Music Theatre (1 credit). An historical survey of the development and growth of opera and music theatre through historical study of the scores, recordings, sound filmstrips, and literary resources materials from the beginning of the Baroque period to contemporary opera and music theatre compositions. Required of voice majors. Meets twice a week. Fall semester.

213 Functional Piano (2 credits). Class instruction for Music Education majors; designed to build fundamental keyboard skills through scales, chords, arpeggios and melodies. Techniques. The student will learn to play the fundamentals keyboard technique on two or more of the orchestral string instruments: violin, viola, cello, and strings bass. 1 hour lecture, 2 hours lab per week. Prerequisite: Beginning Piano and equivalent requirement in high school. Spring semester.

211-222 Advanced Ear Training (1 credit). A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, solfeggio and dictation in four parts, in two, three and four parts. Students will be expected to play on the keyboard, the more simple forms of the basic chords in four parts. Prerequisite: Materials of Music II MU-120, Beginning Ear Training MU-121 and MU-122; and at least one year of piano, or concurrent piano study. Spring-Fall semester.

257 String Instrument Techniques and Methods (2 credits). Primarily for Music Education Majors. Focuses on the various string instruments in the public schools, while providing the student with a better performing technique on two or more of the orchestral string instruments: violin, viola, cello, and string bass. Prerequisite: Permission of instructor. Meets twice a week. Prerequisite: Materials of Music II MU-120 and Beginning Ear Training MU-121-122. Either semester.

261 Basic Conducting (1 credit). Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading. Meets twice a week. Prerequisite: Materials of Music II MU-120 and Beginning Ear Training MU-121-122. Either semester.

266 Woodwind Techniques and Methods (2 credits). Primarily for Music Education majors, this course will deal 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. Meets three times per week. Fall semester.

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

306 History and Literature of the Romantic Era (3 credits). Study and consideration of representative musical works from Schubert and Beethoven to Mahler. Prerequisite: Consent of instructor. The relationship of these works to parallel movements in literature and the other arts. Prerequisite: Materials of Music II MU-120. Fall semester.

308 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 Debussy to recent developments in aleatoric and electronic music: consideration of jazz and other recent influences in American music. Prerequisite: Materials of Music II MU-120. Spring semester.

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 Palestina 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.

309 History and Literature of the Baroque Era (3 credits). The development of understanding, style and characteristics of music from this period through score reading. Analysis and discussion. Works from the Gabrieli through Bach and Handel will be considered. Prerequisite: Materials of Music II MU-120. Either semester.

310 History and Literature of the Classic Era (3 credits). Works from the early classical school through Haydn and Mozart will be the basis of the course. Emphasis will be given to the evolution of classical forms through score reading, listening and analysis. Prerequisite: Materials of Music II MU-120. Spring semester. (Not offered 1975-76).

313-314 Keyboard Harmony and Basic Improvisation (2 credits). The student will learn to play in strict four-part harmony from figured basses and melodies, from unfugured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and be instructed in the basic fundamentals for improvising at the piano and organ. Prerequisite: Materials of Music II MU-120, and Beginning Ear Training MU-121 and MU-122 for student majoring in piano or organ. Four non-keyboard majors, the student must have had one to two years piano study. Fall-Spring semester.

321-322 Counterpoint (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 in the five classic species of counterpoint. If possible, extended to include five and six parts and original compositions in the style. Prerequisite: Materials of Music IV MU-220. Completion of MU-221 and MU-222 is desirable. Fall-Spring semester.

346 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.

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.

368 Percussion Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various percussion instruments in the public schools, while providing the student with basic performing techniques. Meets three times per week. Spring semester.

369 Brass Techniques and Methods (2 credits). 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. Meets three times per week. Spring semester.

370 Guitar for Classroom Teachers (2 credits). A course designed for teachers or prospective teachers who wish to use the guitar in classroom situations. Emphasis is on accompaniment skills, elementary skills, elementary chord theory, melodic playing, proper hand position and note reading. Musical material is drawn from popular folk tunes and folk tunes useful in elementary classes. May be repeated once for credit. Either semester.

embracing compositions for small ensembles as well as large. The validity and effectiveness of language of the period. Basic historical background of the specific works considered or the conductor to more adequately understand and communicate the musical stylistic periods: the Baroque, the Classical, the Romantic, and the Contemporary. Sources of pertinent information.

608 Seminar in Instrumental Music: Performance Practices and Styles (3 credits). On facets of interpretation through a study of representative compositions from the stylistic periods: the Baroque, the Classical, the Romantic, and the Contemporary. Emphasis will be placed on facets of interpretation that would enable the performer or the conductor to more accurately understand and communicate the musical language of the period. Basic historical background of the specific works considered will be covered. A detailed analysis of the instrumentation used in these works, in relation to modern instrumentation, will be made. The validity and effectiveness of band transcriptions will be emphasized in the study. The works covered will embrace compositions for small ensembles as well as large.

511 20th Century Musical Studies (3 credits). A study of 20th century compositional techniques and performance practices through analyses of representative works of various stylistic periods, including the notation, such as serialization, improvisation, electronic music, microtones, and multi-media, will be explored and their application to the secondary school music classroom will be discussed.

581 Advanced Conducting (3 credits). Designed for secondary music teachers, this course provides opportunities to discover and analyze technical conducting problems, both instrumental and choral, in music of the various historical areas, which forms a significant part of the secondary school repertoire.

570 New Developments in Music Education (3 credits). This course is designed to acquaint the secondary school music specialist with new ideas in music education. Curriculum design of new developments such as integrated arts and humanities courses, shifting of importance in music classes to understanding of music, recent major reports such as the Tangible Seminar, Music Educators National Conference Committees, and the development of a philosophical base for the inclusion of music in the curriculum will be among topics covered.

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 curriculum of the elementary school 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, M-371, general or special experience in classroom teaching, or consent of instructor.

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. Original works 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. Additional emphasis will be placed on studying musical activities with the areas of literature, painting, sculpture and architecture. Student 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.

573 Advanced Methods and Techniques for the Instrumental Instructor (3 credits). A study of causes and solutions for problems occurring in the instrumental rehearsal. Areas to be covered include: instrumental methods and techniques, rehearsal techniques, organization and repertoire planning.

574 Advanced Methods and Techniques for the Choral Instructor (3 credits). A study of causes and solutions for problems occurring in the choral rehearsal. Areas to be covered include: vocal methods and techniques, rehearsal techniques, organization and repertoire planning.

576 Administration of School Music (3 credits). A study of the principles, supervision and administration of areas such as budget, scheduling, curriculum, personnel, and finance.

591 Culminating Project (3 credits). A project may be defined as, but is not limited to, any of the following.

592 Position in the Elementary Classroom (12 credits). Designed for the student who is majoring in music education. The following curriculum is as nearly as possible identical to that at the University of Idaho. This is, however, a very rigorous demanding pro-

593 Thesis (6 credits). A scholarly paper embodying results of original research which are used to substantiate a specific viewpoint.
BSU 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.

COMMON FRESHMAN YEAR:  

1ST SEM. | 2ND SEM.  
--- | ---  
(All Engineering Majors) |  
English Composition (EN 101-102) | 3 | 3  
College Chemistry (C 131-132-133) | 4 | 3  
Calculus and Analytic Geometry (M-112-205) | 5 | 4  
Engineering Fundamentals (EN 107-108) | 2 | 2  
Digital Computer Programming (EN 104) | 2 | 1  
Physics I (PH 220) |  — | 3  
Physical Education | 1 | 1  
—— |  | —  
17 | 17  

COMMON SOPHOMORE YEAR:  

1ST SEM. | 2ND SEM.  
--- | ---  
Physics II and III (PH 221-222) | 3 | 3  
Wave Motion and Heat Lab (PH 223) | 1 | —  
Electricity and Magnetism Lab (EN 224) | — | 1  
** Humanistic-Social Elective | 3 | 3  
Introduction to Mechanics (EN 205) | 3 | —  
* Systems and Circuits I & II (EN 221, EN 223) | 3 | 4  
Calculus and Analytic Geometry (M 206) | 4 | —  
Advanced Engineering Math (M 321) | — | 4  
(Branch Variation — See Below) | 5-7 | —  
17 | 16-18  

* Civil Engineers not required to take EN 223.  
** During first semester, Chemical Engineers substitute C-217. Civil Engineers substitute EN 215.  

Branch Variations:  

Agricultural Engineering  
Dynamics of Rigid Bodies (EN 206) | 2  
Civil Engineering  
Dynamics of Rigid Bodies (EN 206) | 2  
Engineering Measurements (EN 216) | 2  
Elective (See Advisor) | 3 | 7  
Mechanical Engineering  
Dynamics of Rigid Bodies (EN 206) | 2  
Chemical Engineering  
Organic Chemistry (C 317) | 3  
Principles of Economics (EC 201) | 3 | 6  
Electrical Engineering  
Engineering Science Elective | 3  

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 most 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 BSU 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.)

ARCHITECTURE  

Boise State does not offer an Architectural degree program. In Idaho there is an accredited Architectural program at the University of Idaho, which is combined with Art to form one department. Therefore, students planning to transfer to University of Idaho should confer with a BSU Art department advisor.

A number of schools offer a degree in Architectural Engineering. If interested in earning a degree of this type, confer with an Engineering department advisor.

CONSTRUCTION MANAGEMENT  

(Bachelor of Science Requirements)  

This program is offered for the first time in the 1977 Fall semester. The upper division Construction Management courses (designated as CO) will be offered, subject to funding, beginning in Fall 1979.  

FRESHMAN YEAR:  

1ST SEM. | 2ND SEM.  
--- | ---  
E-101/102 English Comp. | 3 | 3  
M-111 Algebra & Trigonometry | — | 5  
M-112 Calculus and Analy. Geom. | — | 5  
EN-101 Technical Drawing | 2 | —  
PO-102 State & Local Gov. | 3 | —  
- Area I Elective | 3 | 3  
EN-104 Digital Comp. Progr. | — | 2  
- Area II Elective | 3 | —  
16 | 16  

SOPHOMORE YEAR:  

1ST SEM. | 2ND SEM.  
--- | ---  
M-205 Calculus & Analy. Geom. | 4 | —  
PH-220 Physics I-Mechanics | 3 | —  
EC-201 Principles of Economics | 3 | —  
AC-205 Intro. to Financial Acct. | 3 | —  
GB-202 Business Law I | 3 | —  
EN-205 Intro. to Mechanics | — | 3  
PH-222 Physics III-Elec. & Mag. | — | 3  
EC-202 Principles of Economics | — | 3  
AC-206 Intro. to Managerial Acct. | — | 3  
GB-207 Statistical Tech. for | — | 3  
- Decision Making | 1 | —  
PH-224 Elect. & Mag. Lab | — | 1  
16 | 16  

JUNIOR YEAR:  

1ST SEM. | 2ND SEM.  
--- | ---  
EN-215 Basic Surveying | 2 | —  
CO-346 Contacts, Plans, Specifications | 3 | —  
AC-351 Cost Acct. | 3 | —  
MG-301 Principles of Manag. | 3 | —  
- Area I Elective | 3 | 3  
EN-302 Mech. of Materials | — | 3  
CO-370 Cost Est. & Bidding | — | 3  
FI-303 Prin. of Finance | — | 3  
- Electives | 4 | —  
GB-330 Labor Law | — | 3  
17 | 16  

SENIOR YEAR:  

1ST SEM. | 2ND SEM.  
--- | ---  
MK-301 Basic Marketing Management | — | 3  
CO-374 Construction Operation | 3 | —  
CO-320 Construction Equipment and | 3 | —  
- Materials |  |  
MG-401 Human Relations | 3 | —  
GB-430 Labor Relatives | 3 | —  
- Electives | 4 | 3  
CO-417 Project Sched. & Const. | — | 3  
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SCHOOL OF ARTS & SCIENCES

Physics

CO-350 Elect. & Mech. Installation 3
GB-450 Business Policies 3

16 15


COURSES

CO CONSTRUCTION MANAGEMENT

Upper Division

320 Construction Equipment and Materials (3 credits). Characteristics, capabilities, limitations and employment of general building and heavy construction equipment. Survey of conventional construction (Building) materials and components. Emphasis is placed upon material descriptions, uses, and incorporations into structures. Fall semester.


350 Electrical and Mechanical Installations (3 credits). Fundamentals of electrical systems, light and power requirements, plumbing and sanitation, heating and air-conditioning, application of building codes. Spring semester.


374 Construction Operation (3 credits). Contractor organization and project supervision, including use of machinery, equipment, methods of construction, construction safety. Prerequisite: GB 207 and 330. Fall semester.

417 Project Scheduling and Control (3 credits). Critical path method (CPM) as a construction planning, scheduling and management technique. Prerequisites: EN 104 and CO 374. Spring semester.

EN ENGINEERING

Lower Division

100 Concepts and Consequences of Energy Utilization (4 credits). An introductory course for non-science majors designed to acquaint students with the basics of energy utilization technology and its cultural and environmental impacts. The course will emphasize the role of technology in society by developing a conceptual understanding of the operation and limitations of the technological systems which supply our society's energy. Three hour lectures and one two-hour projects lab each week. Fall semester.

104 (M-124) Digital Computer Programming (2 credits). Course for engineering, science or mathematics majors to introduce fundamental programming principles and logic. Course covers computer architecture, subroutines, problem solving, and basic programming languages. Prerequisites: 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 responsibilities and the social responsibilities of the engineering professions, calculations, graphics and introduction to the design process. Two 2-hour lecture lab. Students should have a minimum mathematics background equivalent to M-111. Each semester.


206 Dynamics of Rigid Bodies (2 credits). Analysis of forces and the resulting motion as pertinent to rigid bodies undergoing rotary and general plane motion. Prerequisite: EN 205. Spring semester.

216 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 compasses relating to surveying, traverse and stadia. One lecture and one 3-hour lab. Prerequisite: M-111 or equivalent. Fall semester.

216 Engineering Measurements (2 credits). Advanced topics in surveying plus theory. Preparation relating to types of errors, distribution of errors and precision in measurement. One lecture and one 3-hour lab. Prerequisite: EN 215. Spring semester.

221 Systems and Circuits I (3 credits). Intro for engineering students: includes power and energy, circuit analysis, standard and special behavior, and resonant systems. Three lectures per week. Prerequisite: M-112. Fall Semester.

223 Systems and Circuits II (4 credits). Continuation of EN 221 with emphasis on application in electronics, magnetic circuits, energy conversion, feedback systems and instrumentation. Three lectures and one 3-hour lab per week. Prerequisite: EN 221. Spring semester.

224 Electricity and Magnetism Lab (1 credit). See PH 224.

225 (M 225) Applied Fourier Programming (2 credits). A general course to illustrate advanced techniques in Fourier programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: EN-104 and M-205. Credit cannot be obtained from both EN 225 and M 225. Fall semester.

Upper Division

301 Fluid Mechanics (3 credits). Physical properties of fluids, fluid mechanics and measurement flows: 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. Spring semester.


320 Thermodynamics and Heat Transfer (3 credits). First and second laws of thermodynamics, thermodynamic processes; thermodynamic properties of fluids; friction, compressible flow, 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. Fall semester.

382 Engineering Economy (2 credits). Economic analysis and comparison of engineering alternatives. Prerequisite: Junior standing. Spring semester.

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.

Graduate

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 and nuclear 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.

PH PHYSICS

Lower Division

100 A Cultural Approach to Physics (4 credits). Designed for liberal arts students. Students should gain an appreciation for the basic ideas in physics and how these ideas have contributed to the development of western culture by their influence on philosophy, religion and technology. Three lectures and one laboratory experiment per week. Spring semester.

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-medical students. Three lectures and one 3-hour laboratory period per week. Prerequisites: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics (2 credits). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included. Fall semester.

106 Radiological Physics (2 credits). An application of electrical, atomic and nuclear physics to image intensification, fluoroscopy, cine-radiography, video tape systems, stereophotography, body section radiology and therapeutic radiology and nuclear medicine. Prerequisite: PH-103. Spring semester.

105 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, three one-hour and one two-hour laboratory sessions. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-science majors. Each semester.

107 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 one 3-hour lab. Prerequisite: It is recommended that the students have taken Math 111 or 115 or its equivalent.

210 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. Prerequisite: M-112. Must be taken concurrently with M-205. Either semester.

211 Physics II-Wave Motion and Heat (3 credits). Wave motion on strings, acoustic 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: PH 220. Must be taken concurrently with PH 223. 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. Prerequisites: PH-220. Must be taken concurrently with PH-224. Either semester.

223 Wave Motion and Heat Lab (1 credit). A lab designed to be taken concurrently with PH-221. Basic experiments in mechanics, wave motion, sound, optics and heat. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 221. Fall semester.

224 (EN 224) Electricity and Magnetism Lab (1 credit). A lab designed to be taken concurrently with PH 222. Basic experiments in electricity, simple circuit analysis and instrumentation. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 222. Spring semester.
DEPARTMENT OF POLITICAL SCIENCE

Chairman and Professor: Dr. Williard M. Overgaard; Professors: Skiffer, Donoghue; Assistant Professors: Brinton, Fry, Raymond; Schoendierg. Instructors: Moncrief, Kinney, Spafford. Assistant Professor Emeritus: Peterson; Special Lecturers: Kuykendall, Mabbutt, Slaughter.

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; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student's understanding of the political environment on the local, national, and international levels.

The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the College offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

A Master of Public Administration degree program is also offered through the Department of Political Science.

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 four "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
IV. Public Administration

As an additional option, major emphasis in Political Science is provided in teacher education preparation.

V. Political Science

Social Science Secondary Education

The basic requirements applicable to all major programs in Political Science, irrespective of the selected area of emphasis, are to include the following courses:

1. Lower Division Courses (12 credits)
   - PO 101 American National 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) .............................................. 3 credits

   The Seminar is not applicable to public administration area of emphasis.

   At least 3 Semester credits in Western Political Theory required. PO 441, PO 442 strongly recommended for all students with a major program in Political Science.

   The course requirements applicable to each of the four designated areas of emphasis, offered as optional major programs in Political Science, are described below.

   I. Political Science - Political Philosophy emphasis.

   Political philosophy as an area of emphasis is designed to accommodate students whose principal interest in Political Science is the fundamental political thought, past and present, in the development of political institutions in society.

   A. General College and Core Requirements.

   B. Political Science Major Requirements (45 credits)

   1. Lower Division Courses (12 credits)
      - PO 101 American National 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 (33 credits)
      - PO 301 Parties, Electoral Process and Interest Groups .................................................... 3 credits
      - PO 351 Constitutional Law .......................... 3 credits
      - PO 331 American Political Theory ............... 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) .................................. 3 credits
      - Political Science electives ........................ 12 credits

   II. Political Science - American Governmental Systems Processes emphasis.

   This area of emphasis is offered to students who wish to concentrate their attention on National, State, and local political institutions of the United States. The course requirements and electives in this area of emphasis seek to provide the student with an understanding of American government.

   A. General College and Core requirements.

   B. Political Science Major Requirements (45 credits)

   1. Lower Division Courses (18 credits)
      - PO 101 American National Government .......... 3 credits
      - PO 102 State and Local Government ............... 3 credits
      - PO 141 Contemporary Political Ideologies .......... 3 credits
      - PO 221 Public Opinion and Voting Behavior ........ 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 Parties and Interest Group Politics ...................................................... 3 credits
      - PO 303 Introduction to Public Administration ................................................................. 3 credits
**SCHOOL OF ARTS & SCIENCES**

**Political Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PO 312</td>
<td>Legislative Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 351</td>
<td>Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 331</td>
<td>American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 498</td>
<td>Senior Seminar (Scope and Method of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Political Science Electives**

| Political Science Electives | 9 |

**III. Political Science - International Relations emphasis.**

The area of emphasis in international relations is available for students wishing to obtain a general understanding of international affairs for a more intelligent citizenship in the modern world society. Students enrolling in this option are advised to prepare themselves adequately in modern foreign languages. The course requirements in Political Science are intended to provide a basis for an interdisciplinary program with additional courses drawn from foreign languages, history, economics, and sociology.

A. General College and Core requirements.

B. Political Science Major Requirements (45 credits)

1. **Lower Division Courses** (12 credits)
   - PO 101 American National Government 3 credits
   - PO 141 Contemporary Political Ideologies 3
   - PO 229 Comparative European Governments and Politics 3
   - PO 231 International Relations 3

2. **Upper Division courses** (33 credits)
   - PO 311 Comparative Foreign Policy 3 credits
   - PO 324 Comparative Communist Party - State Systems 3
   - PO 333 Comparative Governments and Politics of the Developing Nations 3
   - PO 335 United States Foreign Policy 3
   - PO 421 International Law 3
   - PO 422 International Organization 3
   - PO 451 Comparative Legal Systems 3
   - PO 498 Senior Seminar (Scope and Methods of Pol Sc) 3

**Political Science Electives**

| Political Science Electives | 9 |

**IV. Political Science - Public Administration emphasis.**

As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as public administration and economics, public administration and sociology, public administration and psychology, public administration and communications. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in computer science, psychology, sociology, history, economics, and communications.

A. General College and Core Requirements.

B. Political Science Major Requirements (45 credits)

1. **Lower Division courses** (12 credits)
   - PO-101 American National Government 3 credits
   - PO-102 State and Local Government 3
   - PO-141 Contemporary Political Ideologies 3
   - PO-229 Comparative European Governments and Politics 3
   - PO-231 International Relations 3

2. **Upper Division Courses** (30 credits)
   - PO-303 Introduction to Public Administration 3 credits
   - PO-310 Public Finance 3
   - PO-320 American Policy Processes 3
   - PO-325 Regional Administration 3
   - PO-465 Comparative Public Administration 3
   - PO-467 Administrative Law 3
   - PO-487 Organization Theory and Bureaucratic Structure 3

**V. Political Science — Social Science Secondary Education Option**

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

**30 Credit Hour Program - 24 credit hours required courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 102</td>
<td>State &amp; Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 221</td>
<td>Public Opinion and Voting Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 231</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PO 229, 324, or 333</td>
<td>Comparative Government</td>
<td>6</td>
</tr>
<tr>
<td>PO 441, or 442</td>
<td>Political Theory</td>
<td>6</td>
</tr>
</tbody>
</table>

**Plus upper division Political Science electives**

| Political Science Electives | 6 |

**15 Credit Hour Emphasis - 9 credit hours required courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 231</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 and/or 442</td>
<td>Political Theory</td>
<td>3-6</td>
</tr>
</tbody>
</table>

**Plus 3-6 hours of appropriate upper division:**

Political Science courses to be worked out with advisor according to major field of emphasis

| Political Science Electives | 3-6 |

**THE DEGREE OF MASTER OF PUBLIC ADMINISTRATION**

**Department of Political Science**

The Master's degree in Public Administration is an inter-university cooperative graduate program offered jointly by Boise State University, Idaho State University, and the University of Idaho. The purpose of the program is to provide present and prospective public administrators with the basic intellectual preparation necessary to understand and to adjust to a changing and challenging environment through an introduction to the theories and practices of administration, management, and social science research as these relate to effective performance in public organizations. The MPA program is coordinated through an INTER-UNIVERSITY COMMITTEE, comprised of the chairmen of the departments of political science or government at the cooperating universities, a representative of the Office of the State Board of Education, and a representative of cooperating government agencies. The essential features of this inter-university cooperative program are: (1) general coordination and policy control by the INTER-UNIVERSITY COMMITTEE; (2) unrestricted transferability of credits earned at any of the participating universities; (3) coordination among universities in scheduling and offering courses in the MPA program; and (4) the establishment of a basic core of courses at all three cooperating institutions plus optional areas of emphasis which may vary among the universities and which reflect the particular areas of specialization available at the respective universities.

The inter-university MPA program has been designed in accordance with the Guidelines and Standards for Professional Master's Degree Programs in Public Affairs and Public Administration prescribed through the National Association of Schools of Public Affairs and Administration (NASPAA).

**Admission to the MPA Program**

Students may enroll in the MPA by applying to one of the
Students who are deficient in any of the prerequisites indicated above must remove these deficiencies prior to enrollment in MPA graduate-level courses for credit. The student may be required to remove other deficiencies as determined by the Inter-University Committee established for administrative coordination of the MPA program.

F. An applicant planning to achieve an MPA degree at Boise State University must be accepted by the Graduate School of Boise State University. (The student is advised to consult the appropriate section of the bulletin for any special requirement or conditions prescribed by the Graduate School.)

THE GRADUATE DEGREE PROGRAM

The MPA degree may be achieved through the successful completion of at least 30 semester credit hours of approved course work plus 6 credits of public service internship. Eighteen credit hours must be completed in courses selected from prescribed "core areas" with 12 additional credit hours completed in designated optional areas of emphasis. Students may follow a thesis or non-thesis option in pursuing the MPA. The thesis counts as 6 credits toward completion of the degree in lieu of course work selected from the student's area of emphasis. All MPA candidates must complete final examinations. Those following the thesis option will complete an oral examination covering the thesis and program course work. The non-thesis option requires a written and oral examination over program course work.

The academic program of each student must be approved by the MPA advisory committee and must satisfy the general requirement of an integrated program designed to meet career objectives of the student in public administration.

Core and Optional Area Requirements

The specific course requirements of the MPA program are set forth in a list of courses which has been approved by the INTER-UNIVERSITY COMMITTEE. This list is available through each of the cooperating universities. Courses are available at each institution in the "core areas." The optional "areas of emphasis" vary among the universities according to the resources and competencies which exist in the respective departments. Moreover, the MPA envisages further development of "areas of emphasis" and expansion of available courses as additional resources become available and the cooperative relationships among the three universities are further developed. The listing of "areas of emphasis" represents a collective enumeration of all optional areas which currently are available or are planned for future development at all of the cooperating universities. (A description of these areas of emphasis which are presently operational at each institution and admission forms to the MPA program are available through the chairman of the Department of Political Science at Boise State University, the chairman of the Government Department at Idaho State University, or the chairman of the Department of Political Science at the University of Idaho.)

"Core Area" Requirements: At least 18 semester credit hours of course work required on the designated "core areas" are to be selected in accordance with the following bases of selection:

1. At least one course selected from each of the following "core areas":
   - Administrative Theory, Organization and Behavior
   - Public Management Techniques
   - Public Policy and Policy Analysis
2. At least one course from each of two of the following "core areas":
   - Administrative Law
   - The Executive and the Administrative Process
   - Intergovernmental Relations
   - Community and Regional Planning
   - Comparative Public Administration and Planning Systems

A sixth course is to be selected also from any one of the eight "core areas" listed under items one and two above.
SCHOOL OF ARTS & SCIENCES
Political Science

Optional “Areas of Emphasis”: At least 12 semester credit hours of course work are to be taken in any one of the following “areas of emphasis”:

1. General Public Administration
2. Community, State and Regional Planning
3. Criminal Justice Administration
4. Public Health Administration
5. Public Finance, Budgeting, and Administrative Management
6. Environmental and Natural Resources Administration
7. Local Government Administration
8. Human Services Administration

Public Service Internship: Those students with no work experience in government are to be assigned as "public service interns." The internship is to be served in a government office at local, state, or federal levels, or in appropriate organizations which are concerned with governmental affairs, such as private foundations and community institutions. Credit provided for the internship shall be in addition to the 30 semester credit hours of course work required in the MPA program. The internship component will comprise 6 semester hours.

COURSES OFFERED AT BOISE STATE UNIVERSITY FOR THE DESIGNATED “CORE AREAS” AND THE OPTIONAL “AREAS OF EMPHASIS” IN THE MPA PROGRAM

I. DESIGNATED CORE AREAS

(Note: Selection of courses is to be made in consultation with the student's major professor in the preparation of a MPA Program Development Plan for each individual student.)

A. Administrative Theory, Organization, and Behavior
   PO 487 (G) ORGANIZATION THEORY AND BUREAUCRATIC STRUCTURE

B. Public Management Techniques
   PO 510 FISCAL PROCESSES AND PUBLIC BUDGETING PROCESS
   PO 511 PROGRAM EVALUATION AND QUANTITATIVE ANALYSIS
   MG 541 HUMAN RESOURCE MANAGEMENT
   DP 542 COMPUTER APPLICATIONS FOR MANAGEMENT

C. Public Policy and Policy Analysis
   PO 520 PUBLIC POLICY FORMULATION AND IMPLEMENTATION

D. Administrative Law
   PO 467 (G) ADMINISTRATIVE LAW

E. The Executive and the Administrative Process
   PO 530 THE ROLE OF THE EXECUTIVE IN POLICY-MAKING

F. Intergovernmental Relations
   PO 469 (G) INTERGOVERNMENTAL RELATIONS

G. Community and Regional Planning
   (No course offering yet provided at BSU)

H. Comparative Public Administration and Planning Systems
   PO 465 (G) COMPARATIVE PUBLIC ADMINISTRATION

II. OPTIONAL “AREAS OF EMPHASIS”

(Note: Some of the courses provided in designated “areas of emphasis” are also provided in designated “core areas,” as shown above. In such cases, a course may satisfy a general core area requirement or a specific “area of emphasis” requirement in the MPA program but NOT both.)

A. General Public Administration

This area of emphasis is provided to accommodate those students desiring preparation in public administration as a “generalist” rather than a “specialist” in a particular area of specialization. At Boise State University the student may select the remaining 12 credit hours of course work from the courses listed below:

PO 465 (G) COMPARATIVE PUBLIC ADMINISTRATION
PO 467 (G) ADMINISTRATIVE LAW
PO 469 (G) INTERGOVERNMENTAL RELATIONS
PO 511 PROGRAM EVALUATION AND QUANTITATIVE ANALYSIS
PO 530 THE ROLE OF THE EXECUTIVE IN POLICY-MAKING

Any of the following courses, identified as “selected topics,” which will be offered as staff availability permits, may be selected also to satisfy the General Public Administration area of emphasis.

PO 580 SELECTED TOPICS - Administrative Theory, Organization and Behavior
PO 581 SELECTED TOPICS - Public Management Techniques
PO 582 SELECTED TOPICS - Public Policy and Policy Analysis
PO 583 SELECTED TOPICS - Administrative Law
PO 584 SELECTED TOPICS - The Executive and the Administrative Process
PO 585 SELECTED TOPICS - Intergovernmental Relations
PO 586 SELECTED TOPICS - Community and Regional Planning
PO 587 SELECTED TOPICS - Comparative Public Administration and Planning Systems

Arrangements may also be made in the following courses.

PO 593 THESIS
PO 595 READING AND CONFERENCE
PO 596 DIRECTED RESEARCH
PO 599 CONFERENCE/WORKSHOP

B. Community, State and Regional Planning
   (No course offering yet provided at BSU in the MPA program)

C. Criminal Justice Administration
   CR 510 SPECIAL PROBLEMS IN CORRECTIONAL TREATMENT
   CR 511 SPECIAL PROBLEMS OF THE JUVENILE AND YOUTHFUL OFFENDER
   CR 595 READING AND CONFERENCE
   CR 598 SEMINAR IN CRIMINAL JUSTICE ADMINISTRATION

D. Public Health Administration
   (Planned, but no course offering yet provided at BSU in the MPA program)

E. Environmental and Natural Resources Administration
   (No course offering yet provided at BSU in the MPA program)

F. Local Government Administration
   (Planned for future implementation as an area of emphasis at BSU)

G. Public Finance, Budgeting, and Administrative Management
   (Planned for future implementation as an area of emphasis at BSU)

H. Human Services Administration
   SO 510 CONFLICT AND CHANGE IN SOCIO-CULTURAL SYSTEM
   SO 611 THE SOCIOLOGY OF AGE-GROUP STRATIFICATION
   SO 512 SOCIAL DEMOGRAPHY
   SO 580 SELECTED TOPICS - Human Services Administration
   SO 595 READING AND CONFERENCE
COURSES

POLITICAL SCIENCE

Lower Division

101 American National Government (3 credits). A study of the institutions and processes of the American political system, emphasizing the social, ideological, and constitutional background. Each semester.

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. Each semester.

141 Contemporary Political Ideologies (3 credits). An examination of liberalism, conservatism, fascism, and Nazism, with emphasis on the principal ideas characterizing each "ideology." Fall semester.

221 Public Opinion and Voting Behavior (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. Fall semester.

229 Comparative European Governments and Politics (3 credits). A comparative study of the political systems of selected European countries, 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. Each 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, communism, a study of the problem of national sovereignty and its relation to international cooperation. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Each semester.

301 Parties, Electoral Process and Interest Groups (3 credits). The major objective of this course is to develop an understanding of the nature, functions, organization, activities, of political parties and pressure groups within the American political system. Emphasis will be placed on the performance of America's two major political parties, especially in the area of nominations and elections, and on the mobilization and lobbying activities of the major American interest groups. Fall semester.


311 Comparative Foreign Policy (3 credits). An introductory 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 related to the political institutions and political processes will be presented for defining the patterns of political relationships in these states. Attention is given to questions of political theory and political determinants in the development of the Communist Party-States. Prerequisites: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Each semester.

320 American Policy Process (3 credits). An examination of the process through which policy is decided, implemented, and adjusted, with emphasis on the role of administrators. Prerequisite: PO-303. Either semester, alternate years.

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 related to the political institutions and political processes will be presented for defining the patterns of political relationships in these states. Attention is given to questions of political theory and political determinants in the development of the Communist Party-States. Prerequisites: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Each semester.

325 Regional Administration (3 credits). Survey of the organizational arrangements developed for planning, for providing services, and for regulating resources across city and state boundaries. Intergovernmental relations and metropolitan regions will be emphasized. Prerequisites: PO-102, PO-302. Either semester.


331 American Political Theory (3 credits). The genesis and development of political thought in the United States from the colonial period to the present. Fall semester.

333 Comparative Governments and Politics of Developing Nations (3 credits). A study of 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. Either semester, alternate years.

335 United States Foreign Policy (3 credits). Development of diplomacy from the colonial period to the present. Emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments on the formulation of foreign policies. Either semester, alternate years.


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 organizations. Prerequisite: Federal Government PO-101 and International Relations PO-231. Fall semester, alternate years.

422 International Organization (3 credits). Historical background, the League, basic problems of international organizations, the United Nations. Prerequisite: Federal Government PO-101 and International Relations PO-231. Either semester, alternate years.

441 Part I Western Political Thought (3 credits). The development of political philosophy from Socrates to Machiavelli. Fall semester, alternate years.

442 Part II Western Political Thought (3 credits). The development of political thought since Machiavelli. Prerequisite: Part I Western Political Thought PO 441. Spring semester, alternate years.

451 Comparative Legal Systems (3 credits). An examination of principal legal systems of the world, with emphasis on ideological foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisite: Federal Government PO-101, Comparative Political Ideologies PO-141, and Comparative European Governments and Politics PO-299 or consent of instructor and approval of Department Chairman. Spring semester, alternate years.

461 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 antitrust, fraud and deceit, labor, civil rights, and other legislation and administration. A study in the field of governmental powers of investigation and intervention in business affairs is also included. (This is offered as an interdepartmental course with the Department of Management and Finance and is also designated as G-300 for students undertaking a major program in Business.) Prerequisites: PO 101 and PO-303. Spring semester.

466G Comparative Public Administration (3 credits). Systematic examination and comparison of the various models of public administration. The course will cover intranational and international studies. (Students enrolled in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO-303. Either semester, offered in alternate academic years. Offered in 1975-76, Spring semester.

467G Administrative Law (3 credits). Review of the sources of power and duties of administrative agencies, the rules and regulations made by them, and their application to public administration and the inter-relationship between public law and social organization. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO-303. Either semester, offered in alternate academic years. Offered in 1975-76. Each semester.

489G Intergovernmental Relations (3 credits). An examination of inter-state cooperation and conflict in the American Federal System, including state-local relationships and metropolitan dispersion and integration. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO-101, PO-102, and PO-303. Either semester, offered in alternate academic years. Not offered in 1975-76.

487G Organizational Theory and Bureaucratic Structure (3 credits). A sociological analysis of the theories and concepts of complex social organizations. The effects of the power structure on the implementation of policy and the value system of administrators. Prerequisite for all students: Upper Division standing and consent of instructor. Either semester.

498 Senior Seminar (Scope and Methods of Political Science) (3 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. Fall semester.

Graduate


511 Program Evaluation and Quantitative Analysis (3 credits). The application of social science research to administrative problems, including practical methods of gathering, analyzing, and interpreting data. Theory and basic techniques underlying quantitative analysis of public programs. Either semester. Spring semester.

620 Public Policy Formulation and Implementation (3 credits). The process of policy-making both within an agency and within the larger context of the total governmental process, emphasizing policy and program planning, policy implementation, and the value system of administrative agencies. Emphasis is on the preparation of political administrators, including the sources of strength and weakness and the strategies used to enact their programs. The problems of the relationship of the executive to the bureaucracy will also be reviewed. Either semester.

The following courses identified as "selected topics" are to be offered as staff availability permits:

580 Selected Topics—Administrative Theory, Organization, and Behavior (3 credits)
SCHOOL OF ARTS & SCIENCES
Social Work

581 Selected Topics—Public Management Techniques (3 credits).
582 Selected Topics—Public Policy and Policy Analysis (3 credits).
583 Selected Topics—Administrative Law (3 credits).
584 Selected Topics—The Executive and the Administrative Process (3 credits).
585 Selected Topics—Intergovernmental Relations (3 credits).
586 Selected Topics—Community and Regional Planning (3 credits).
587 Selected Topics—Comparative Public Administration and Planning Systems (3 credits).
589 Public Service Internship (Variable Credit). A public service internship is to be arranged as field experience, for those students with no prior experience in governmental or other organization assignments. Such internships will be established and arranged for placement through the chairman of the Department of Political Science.
592 Thesis (3 credits/semester). Selection of approved topic in public administration for major preparation and defense through consultation with major advisor.
595 Reading and Conference (1-2 credits). Directed reading on selected materials in public administration and discussion of these materials, as arranged and approved through major advisor.
596 Directed Research (1-3 credits). Special projects undertaken by the MPA student as advanced tutorial study in specialized areas according to the needs and interests of an individual student. The course embodies research, discussions of the subject matter and procedures with a designated professor and a documented paper covering the subject of the independent study.
599 Conference Workshop (1 credit). Conferences or workshops covering various topics in public administration may be offered on an irregularly scheduled basis, according to student interest and staff availability. No more than 3 credits provided through conferences or workshops can be applied toward the MPA.

PY PHILOSOPHY

Lower Division

101 Introduction to Philosophy (3 credits). A general background in the various areas of the discipline is presented after which specific philosophical problems are examined in light of the solutions by various philosophers in Western culture. The areas examined include metaphysics, ethics, and epistemology. Each semester.
121 Introduction to Logic (3 credits). Logic is the science of valid reasoning. To be studied are the logical rules of inference, methods of argumentation, logical problem solving and the nature of logical fallacies. Fall semester.
211 Ethics (3 credits). Problems of both normative ethics and metaethics are examined. Normative ethics concerns the norms and guidelines of moral behavior. Various solutions are offered in response to the question, "What ought one do given a moral dilemma?" Metaethics is principally concerned with the nature of ethical statements. Naturalism, intuitionism, and emotivism are thus examined. Spring semester.
231 Philosophy of Religion (3 credits). The various types of arguments for the existence of God are examined. Various conceptions of the nature of God are explored as well as such problems as the problem of evil and problem of free will. Either semester.
245 Metaphysics (3 credits). As the core of philosophy, this course includes an examination of (a) the problem of free will vs. determinism, (b) the nature of causation, (c) the problem of personal identity, and (d) ontology. Prerequisite: PY 101. Fall semester.
247 Epistemology (3 credits). This course covers the theory of knowledge, including (a) an examination of the relationships and the difference between knowledge and belief, (b) an evaluation of the theories of perception and (c) theories of truth. Prerequisite: PY 101. Spring semester.
249 Ancient Philosophy (3 credits). A study of selected works of Plato and Aristotle. Prerequisite: PY 101. Fall semester.
251 Medieval Philosophy (3 credits). A study of the works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, William of Ockham, and other contributors to intellectual thought during the Middle Ages. Prerequisite: PY 101. Spring semester.

Upper Division

303 The Age of Absolutism and Reason (Philosophy). (3 credits). A study of European thought in the seventeenth and eighteenth centuries. The age of absolutism, ideas of the philosophers, and the crisis of the old regime leading to revolution. Prerequisite: Introduction to Philosophy, PY 101. (Course may be taken either for History credit or for Philosophy credit, but not for both.) Either semester, alternate years. Offered 1975-76.
334 Phenomenology and Existentialism (3 credits). This course explores the most fundamental of human problems: man is subjective by nature, for he is trapped by his own view of the world, yet the rational mind strives for objectivity. The conflict between the two leads man to ask the very basic questions, "Who am I?" and "What is my relationship to the external world?" The former is an existential question and the latter is a phenomenological one. Prerequisite: PY 101. Fall semester.
404 Symbolic Logic (3 credits). A study of the translation of natural language statements into symbolic form for the purpose of ridicing them of ambiguity and of making deductions through the rules of propositional calculus. Prerequisite: PY 121. Spring semester.
406 Philosophy of Science (3 credits). This course seeks to examine such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities. Prerequisite: PY 101 or PY 121. Fall semester.

DEPARTMENT OF SOCIAL WORK

Chairman and Associate Professor: Mr. Douglas Yunker; Associate Professor: Huff; Assistant Professor: Beck, Oliver, Panitch.

Clinical Associates: Irene Wilcox, Child Protection Region IV; David Goodenough, Psychological Services of Idaho; Charles Hansen, Social Services Veterans Administration; Charles Gurney, Social Services Veterans Administration; Armine R. Ballou, Social Services Veterans Administration; Armine Ballou; Social Services Veterans Administration; Anne Goodenough, Social Services Veterans Administration; Tom Wexler; Casey Family Program; Gail Thompson, Mental Health Center; Roy Haney, Management Analysis; June R. Reed, El-Aida Community Action Agency; Anne Goodenough, Mental Health Center; Fred Stout, Region III Mental Health Center; Hildegarde Mauserl, Idaho Youth Ranch.

Social Work offers an opportunity for a personally rewarding professional career to those who care deeply about the well-being of others. Social workers give direct services to individuals, families, groups and communities. Qualified licensed social workers are in demand in every area of professional practice.

Social work is usually practiced in social welfare agencies and social work departments at host settings. Social workers are needed to work with mentally ill, emotionally disturbed, delinquent, mentally retarded, physically ill, handicapped and economically and socially deprived children and adults. They are sought for service in schools, courts, hospitals and clinics that seek to detect and prevent delinquency and child neglect.

Community centers, psychiatric and general hospitals and service centers for the aged also seek qualified social workers and offer varied career opportunities. Equally challenging opportunities exist in public and private agencies that deal with problems of housing and urban renewal, public health, community mental health, social welfare planning and fund-raising, race relations and the many other concerns that become especially acute both in changing neighborhoods of large cities and in depressed rural and industrial areas. Social work practice is designed to enrich the quality of life by enabling individuals, groups and communities to achieve their greatest potential development.

REQUIREMENTS FOR SOCIAL WORK MAJOR
Bachelor of Arts Program

CREDITS

General University and Major Requirements .. 128

A. Lower Division Courses .. 74

English Composition .................. 6
Literature ................................ 6
Humanities ............................ 6
History .................................. 6
Lab Science and Math ................. 12
Communication ......................... 3
Economics ................................ 3
Intro-Sociology .......................... 3
Social Problems ......................... 3
General Psychology ..................... 3
State and Local Government .......... 3
Intro-Social Work ....................... 3
Elementary Social Work Processes .... 3
General Electives ....................... 14

B. Upper Division Courses ............. 54

Social Welfare ......................... 3
Normal Social Functioning ............. 3
SW Methods - Casework ............... 3
SW Methods - Groupwork .............. 3
SW Methods - Community Organization 3
Statistics ................................ 3
Psychology Electives ................... 9
Field Work ................................ 10
General Electives ...................... 15
Senior Seminar ......................... 2

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COURSES

SW SOCIAL WORK

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. Each semester.

201 Elementary Social Work Processes (3 credits). This course is an introduction to communication skills and interviewing techniques which are specific to the practice of Social Work. Community social service resources are reviewed. This includes three (3) hours of service per week in a social service agency, integrating interviewing skills with actual practice. Prerequisite: SW-101. Each semester.


386 Social Work Methods Casework (3 credits). An examination of skills employed to serve individuals, groups, and communities: Interviewing, case work, group work, case recording. Prerequisite: SW-321. Each semester.


480 Field Work (5 credits). Sixteen hours per week. The student works as a practicing social worker under the supervision of a professionally trained and experienced social worker. The student functions as an integrated staff member except in those areas where educational benefits conflict with agency needs. All juniors must apply for admission into the field work program prior to the beginning of their second semester. Before the final decision is made as to where the student will spend his time in field placement, he is interviewed by a team of faculty members who will attempt to pinpoint important gaps or needs. Prerequisites: SW-385 and in instructor's permission. Each semester.

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. Each semester.

DEPARTMENT OF SOCIETAL AND URBAN STUDIES

Chairman and Professor: Schafele. Associate Professors: Baker, Christensen, Harvey, Pavesic; Assistant Professors: Corbin, Cox, Hopfenbeck, Marsh, Taylor.

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 three disciplines: sociology, 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

General University and core requirements to meet either Bachelor of Arts or Bachelor of Science program as given on page except:

A. Criminal Justice majors are required to take: 64
   Defensive Tactics* 1
   Mathematics 4
   Fundamentals of Speech-Communication 3
   Economics 3

B. Major Requirements
   Lower Division:
   Law Enforcement in Modern Society 3
   Patrol Administration 3
   Law of Criminal Evidence 3
   Criminal Investigation 3
   Vice and Organized Crime 3

   Upper Division:
   Administration of Justice 3
   Police Organization and Management 3
   Criminal Law 3
   Comparative Law Enforcement Problems 3
   Abnormal Psychology 3
   Juvenile Delinquency 3
   Criminology 3

   C. Electives: 16-18

   Bachelor of Arts Program

ASSOCIATE OF SCIENCE

CREDITS

A. Criminal Justice majors are required to take: 38-41
   Defensive Tactics* 1
   Mathematics 4
   Lab Science 4
   English Composition 3 or 6
   Literature 3
   History 3
   Fundamentals of Speech-Communication 3
   Economics 3
   American National Government 3
   State and Local Government 3
   Principles of Accounting 3
   Applied Business Communications* 3

B. Major Requirements
   Lower Division:
   Law Enforcement in Modern Society 3
   Patrol Administration 3
   Jail Administration 3
   Law of Criminal Evidence 3
   Vice and Organized Crime 3
   Criminal Investigation 3

   Upper Division:

   C. Electives to bring total credits to 64

   Bachelor of Arts Program

REQUIREMENTS FOR
SOCIAL SCIENCE MAJOR

I. Liberal Arts Option
   1. General College and Basic Core requirements:
   2. Social Science requirements:

   CREDITS

   A. Lower Division Courses
      Anthropology 3
      Economics 3
      History 3
      Political Science 3
      Sociology 3
      Social Science Electives 9

   75
B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields):

- Anthropology .................................................. 24
- Economics ....................................................... 20
- History ........................................................... 20
- Political Science ............................................... 20
- Sociology ........................................................ 20
- Psychology ...................................................... 20

REQUIREMENTS FOR SOCIOLOGY MAJOR

1. General University and core requirements to meet either Bachelor of Arts or Bachelor of Science Program* as given on pages 17-18.

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:

   CREDITS
   
   Introduction to Sociology .................................. 3
   Elementary Social Statistics ............................... 3
   Social Research .............................................. 3
   History of Sociology ....................................... 3
   Current Sociological Perspectives ....................... 3
   Sociology Seminar .......................................... 2

   Group I Courses ............................................ 3
   - Populations
   - Sociology of the Family
   - Sociology of Religion
   - Racial and Cultural Minorities
   - Sociology of Aging

   Group II Courses ........................................... 3
   - American Society
   - Social Institutions
   - Social Stratification
   - Industrial Sociology
   - Rural Community
   - Urban Community

   Group III Courses ......................................... 3
   - Social Change
   - Social Psychology
   - Organizational Theory & Bureaucratic Structure

   Group IV Courses ......................................... 3
   - Deviant Behavior and Social Control
   - Juvenile Delinquency
   - Criminology
   - Social Problems

   Sociology — 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 .......... 18-39
2. 2 approved teaching minors, 15 hours each .......... 30
3. Sociology courses ........................................... 30 (required courses are the same as for the Sociology major above, including at least 15 upper division hours)
4. Education courses to meet Idaho State Department of Education Certification requirements for teachers in Secondary Education Options. To include So-101 Introduction to Sociology and at least 6 upper division hours.
5. State requirements for teacher certification, including U.S. History 6 hours
   American National Government 3 hours
   6. Electives to complete a total of 128 credit hours, including 40 upper division credit hours . . . 0-21

   15 hour Anthropology emphasis in Social Science - Secondary Education options

   Required courses ............................................ 9 credit hours
   AN202 Cultural Anthropology .............................. 3
   AN201 Physical Anthropology ................................ 3
   AN311 Peoples and Cultures of the World ............... 3
   Upper Division Anthropology Electives ................. 6 credit hours

   Multi-Ethnic Studies — Social Science

   The Multi-Ethnic Studies Program, which is open to all students, is an inter-disciplinary area of emphasis which will help students provide themselves with an understanding of traditions, cultures, languages, problems, and perspectives.

   The program is supervised by an interdisciplinary group of faculty and students. Prospective majors may contact Dr. John Jensen, Department of Teacher Education; Dr. P. K. Ourada, Department of History; or A. R. Corbin, Department of Societal and Urban Studies, to develop program of study.

COURSES

AN ANTHROPOLgy

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. Either semester.

Upper Division

301 Prehistory (3 credits). An introduction to prehistoric cultures and the development of culture. The course traces the development of man and the relationship between past and present Idaho societies to those of the Great Basin. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

311 Peoples and Cultures of the World (3 credits). The cultural patterns of representative aboriginal peoples. Technology, subsistence, social organization, and superstructures considered with a view toward environmental adjustment, historical development and functional interrelations. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

412 Archaeology of North America (3 credits). A study of prehistoric cultures of North America north of Mexico. Course includes a study of the history of ideas about native American origins and antiquities along with demonstrating regional sociocultural diversity. Special emphasis is given to the study of early man and the cultures of the Eastern Woodlands, the American Southwest and the Intermountain West. Prerequisite: AN 203, upper division status, or consent of instructor. Either semester.
SCHOOL OF ARTS & SCIENCES

Theatre Arts

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 and upper division status. Either semester.

421 Social Stratification (3 credits). Examination of the theoretical and methodological approaches to 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 and upper division status. Spring semester. Offered alternate years. Not offered in 1977-78.

424 Rural Sociology and the Emerging Nations (3 credits). The sociological study of rural life, the agrarian society and the phenomena of the emerging nations. Prerequisite: SO 101 and upper division status. 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 and upper division status. Either semester.

431 Social Psychology (3 credits). Social factors affecting individual behavior: formation and change of attitudes, social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite: P 101 or SO 101 upper division status. Either semester.

487 Organizational Theory and Bureaucratic Structure (3 credits). A socio-political analysis of the theories and concepts of complex social organizations, their application to public administration and the interrelationship between political science and sociological organizational theory. (This course is offered on an interdepartmental basis with the Department of Political Science and is also designated as PO 487 for students undertaking a major program in Political Science.) Prerequisite: Upper division standing and consent of the instructor. Either semester.

498 Sociology Seminar (2 credits). Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.

501 The Sociology of Education (3 credits). A sociological analysis of the American school system, its problems and the social forces that shape the schools in contemporary society. Prerequisite: Graduate Status and SO 101. Summer.

510 Conflict and Change in Socio-cultural Systems (3 credits). The theory and evidence of socio-cultural change, as viewed from anthropological and sociological perspectives, demonstrating the evolutionary and revolutionary trends, with focus on the interaction between technological, institutional and value systems as they affect human development and the provision of social services. Either semester.

511 The Sociology of Age Group Stratification (3 credits). Examination of the sociological effect of age as a major dimension of social organization and stratification in American society and Western civilization. The course will consider the effects of changing patterns of longevity, resultant changes in age distribution of the population as these factors affect social, economic, and political systems. Either semester.

512 Social Demography (3 credits). Techniques and methods for analyzing population growth, trends, and movement as reflected in actuarial data, birth-death rate, mobility, fertility and fecundity as these affect the societal patterns, especially the planning for human service programs. Either semester. Not offered 1975-76.

580 Selected Topics-#Human Services Administration (3 credits). (To be offered according to staff availability.)

585 Reading and Conference (1-2 credits). Directed reading on selected materials in human services administration and discussion of these materials, as arranged and approved through major advisor.

The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.

DEPARTMENT OF THEATRE ARTS

Chairman and Associate Professor: Dr. Robert E. Ericson; Professor: Shankweiler; Associate Professor: Lauterbach; Assistant Professors: Bedard, Corbett, 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 recommended by their advisor. (i.e., fencing, dance, gymnastics, etc.)

THEATRE MAJOR

Bachelor of Arts Program

(Suggested Sequence: departmental requirements are indicated by asterisks)

THEATRE EMPHASIS:

FRESHMAN 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>English Composition</td>
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<tr>
<td>Physical Education</td>
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<td>4</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4</td>
<td>3</td>
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<tr>
<td>General Psychology*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Theatre*</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Technical Theatre*</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Art or Music</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to use of Books &amp; Libraries</td>
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SOPHOMORE YEAR:

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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Literature Elective</td>
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<tr>
<td>Dramatic Literature*</td>
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<td>3</td>
</tr>
<tr>
<td>Western Civilization*</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Acting*</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Social Science Elective</td>
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<tr>
<td>Laboratory Science</td>
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<tr>
<td>Oral Interpretation</td>
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<tr>
<td>Electives</td>
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</table>

JUNIOR YEAR:

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<tbody>
<tr>
<td>Foreign Language</td>
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<tr>
<td>Stage Voice*</td>
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<td></td>
</tr>
<tr>
<td>World Drama</td>
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</tr>
<tr>
<td>Electives (Upper Division)</td>
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<td>8</td>
</tr>
</tbody>
</table>

D. The department recommends that Theatre Arts majors take one year of foreign language, and LS 101.
SENIOR YEAR:
- Directing* ........................................... 3
- Theatre History* ...................................... 3
- Electives (Upper Division) ......................... 6
- Contemporary Drama* ................................ 3
- Theatre Theory & Criticism ....................... —

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SECON AY:
- English Composition ................................... 3
- Physical Education* ................................... 1
- Laboratory Science ................................... 4
- Introduction to Theatre* ............................ 3
- Technical Theatre* .................................... 4
- Electives ................................................ 3

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SCHOOL OF ARTS & SCIENCES
Theatre Arts

3. Thesis or Project. The department recommends a thesis (TA-593) or project (TA-591). However, the option of additional hours is available upon approval of the department chairman.

4. Three hours of a 400 or 500 level Dramatic Literature course as offered in either the English or Theatre Arts Department.

B. Elective Courses

Additional courses as planned by the student and his graduate committee.

Additional Information

A. Culminating Activity. Thesis or Project part of this work may be creative. That is, a student may be permitted to demonstrate his competence in the area of his greatest interest. A candidate most interested in directing may be allowed credit for directing a full length production. Such an activity would culminate in a written presentation and analysis by the candidate to his graduate committee.

B. For each candidate, an informal oral examination is planned at the end of the program. It is not a pass/fail examination but rather a period in which student and faculty examine each other with the improvement of the entire program as a goal.

*The graduate level courses to support this program will be offered regularly in the fall and spring semesters when funded by the legislature.

COURSES

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 the 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, problems 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 (3 credits). Investigation of and production analysis of stage make-up: the relationship of actor to play and audience: an integration of make-up, makeup: the mechanical characteristics of the stage and the elements used in productions: development of drafting skills, problems 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.

165-166 Acting 1 (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; appraisals and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. One hour lecture and three hours lab per week required. Fall, Spring semesters.

215-216 Acting 13 credits). Course is offered in either the English or Theatre Arts Department chairman.

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. Selected motion pictures projected and discussed in class. Each semester.

230 Television: History and Aesthetics (3 credits). An examination of television as an entertainment medium from critical and historical points of view. Course includes study of dramatic and comic types, the development of specialized programming, and the social and commercial influences on program content. Spring semester.

232, 432 Repertory Theatre (3 credits). The study and practice of theatre repertory with emphasis on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credits TA 232 and/or TA 432. 6 credits. Each semester.

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 advanced literary works in prose, poetry and drama. Course includes dramatic interpretation, program recitals, reader's theatre and continued practice in vocal development. Prerequisite: CM 241 or consent of instructor after audition. Offered spring semester.

Upper Division

334 Advanced Oral Interpretation (3 credits). Analysis and oral presentation of advanced literary works in prose, poetry and drama. Course includes dramatic interpretation, program recitals, reader's theatre and continued practice in vocal development. Prerequisite: CM 241 or consent of instructor after audition. Offered spring semester.
SCHOOL OF ARTS & SCIENCES
Theatre Arts

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 semester.

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 Scene Design (3 credits). Major skills of beginning design.
Included will be art techniques for theatre, research in major periods of scene
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
major types of stages. Prerequisite: TA 117-118. Alternate Spring semester.

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 of 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.

446 Contemporary Drama (3 credits). A study of world drama since 1960 with an
emphasis on current research materials and techniques. Alternate spring semes-
ters.

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.

481 Puppetry (3 credits). An introduction to the art and craft of puppetry. Emphasis
in the class will be on the actual construction of puppets and the creation of puppet
plays.

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 of a selected script. Fall, Spring semesters in alter-
native years.

491 Senior Projects (3 credits). A culminating work for the theatre major. The
student will complete research, plan, and execute a theatrical endeavor relative to
his emphasis in theatre. This endeavor will be accompanied by a formally written,
fully documented thesis describing his production and the concept involved. Spring
semester.

Graduate

511 Theatre Research and Bibliography (3 credits). Instruction and practice in
techniques of research with special reference to problems peculiar to theatre as an
academic discipline. Special attention to evaluation, organization, and presentation of
materials: Instruction in bibliographic information, analysis and use. Prerequisite:
Graduate Status.

520 Graduate Theatre Practicum (1-3 credits). Supervised activity in performing,
designing, and/or directing. May be repeated up to three credits. Prerequisite:
Graduate Status.

524 Twentieth Century Theatre (3 credits). A study of the major producing theatres
in the Western world: their organization, principles, architecture and styles.
Prerequisite: Graduate Status; a class in Introduction to Theatre or equivalent.
General knowledge of theatre practice in the United States.

531 Educational Theatre: Curriculum and Production (3 credits). A study of
problems, procedures and theories concerning theatre course work and theatre
production work in public schools. Prerequisite: Graduate Status.

541 Seminar in Dramatic Literature (3 credits). A varying study, in dramatic
literature including such subjects as dramatic form and genre, individual playwrights,
and historic periods. May be repeated for credit as subject matter changes.
Prerequisite: Graduate Status. A class in Introduction to Theatre or equivalent. Upper
Division undergraduate course in dramatic literature.

591 Project (3 credits).

593 Thesis (3 credits). Repeatable once, total not to exceed 6 credits.
PART V

School of Business

Dean:
Associate Dean and MBA Program Coordinator: J.G. Doss, Ph.D.

Departments and Faculty

Department of Accounting and Data Processing:
Chairman and Professor: Dr. Harold M. Nix; Associate Professors: Behling, Carson, Medlin, Marz, Puckett; Assistant Professors: Bradley, Kaiser, MacMillan, Miller; Special Lecturers: Boyll, Dyer, Harvey.

Department of Business Education and Office Administration:
Chairman and Professor: Marvin A. Clark; Professor: Cornwell; Associate Professors: Bounds, Brander, Johnson, Manship, Williamson; Special Lecturer: Carlton.

Department of Economics:
Chairman and Associate Professor: Dr. Richard Payne; Professors: Billings, Hart, Lamborn; Associate Professors: Asmus, Draayer, Hollay, Mitchell; Assistant Professors: Lichtenstein, Nickless, Sula.

Department of Management and Finance:
Chairman and Professor: Mr. Jesse M. Smith; Professors:Phillips, Stetzel; Associate Professors: Allen, Fitzpatrick, Grant, Knaulinger, Roderick, Tipton, Waldorf, Wierding, White; Assistant Professors: Bohner, Doss, Gardner, Groebner, Lyon, McKinnon, Munson, Nix, Shannon; Instructor: Heist.

Department of Marketing and Mid-Management:
Chairman and Professor: Dr. Duston R. Scudder; Professors: Godfrey, Knowlton; Young; Associate Professors: Atkins, Lane, McWilliams.

School of Business Emeriti:
Albertson, Bushby, Edlefsen, Roe, Wilson.

PHILOSOPHY OF THE SCHOOL OF BUSINESS

The School of Business at Boise State University is a unique and evolving product of a rapidly growing and changing State of Idaho. Its overall purpose is to encourage the individual student's intellectual growth. In pursuit of this purpose, we believe that:

—our primary responsibility is one of teaching;
— the baccalaureate degree in business must include broad exposure to both liberal arts and business concepts;
—each student should be exposed to the operation of the free enterprise system and its alternatives;
—students must be provided the opportunity to develop concepts and skills which will enable them to pursue selected professional fields of interest;
— the total environment of undergraduate education should prepare students for lifelong learning;
— the School of Business should offer a wide selection of business courses for non-business students to meet their individual needs;
—alternative preparation for positions requiring less than 4 year courses of study in business should be available to students.

It is our belief that this philosophy can be accomplished by quality classroom teaching, research, seminars, informal dis-
SCHOOL OF BUSINESS
Special Requirements and Options

cussions and community service. The people we serve should benefit both personally and professionally through contact with the School of Business, whether it is for a lecture, a semester, or a degree.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional liberal arts or science courses required for those degrees. (See pages 18-19 for BA or BS requirements). Faculty advisors should be consulted about these additional requirements.

Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives. CLEP or challenge examinations are available for this purpose. See page 10 for available CLEP tests.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Word Processing and Secretarial Programs 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.

Transfer of Credits. In general, the School of Business shall limit transfer of credits for business courses which apply toward degree requirements to such courses as it offers at that level. In most cases, waiver of upper division level course requirements may be granted by departments which establish and administer tests to determine student competency in 200-300 level transfer courses before admission to upper division level courses.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.

BACHELOR DEGREE PROGRAMS

ACCOUNTING MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>AC-205 Introduction to Financial Accounting</td>
<td>3</td>
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<tr>
<td>AC-206 Introduction to Managerial Accounting</td>
<td>4</td>
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</tr>
<tr>
<td>EC-201 Principles of Economics - Macro</td>
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<tr>
<td>EC-202 Principles of Economics - Micro</td>
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<tr>
<td>GB-202 Business Law</td>
<td>3</td>
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<tr>
<td>GB-207 Business Statistics</td>
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<tr>
<td>OA-238 Applied Business Commun</td>
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<tr>
<td>M-105 M-106 Fundamentals of Math, or equivalent</td>
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Sophomore Year:

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<tr>
<td>AC-205 Introduction to Financial Accounting</td>
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<tr>
<td>AC-206 Introduction to Managerial Accounting</td>
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<tr>
<td>AC-207 Intermediate Accounting I</td>
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<td>AC-208 Managerial Accounting</td>
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<td>GB-202 Business Law</td>
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<td>GB-207 Business Statistics</td>
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<td>OA-238 Applied Business Commun</td>
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<tr>
<td>M-105 M-106 Fundamentals of Math, or equivalent</td>
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Senior Year:

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<td>AC-205 Introduction to Financial Accounting</td>
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<tr>
<td>AC-206 Introduction to Managerial Accounting</td>
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<td>AC-207 Intermediate Accounting I</td>
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<td>AC-208 Managerial Accounting</td>
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<td>GB-202 Business Law</td>
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<td>GB-207 Business Statistics</td>
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<td>OA-238 Applied Business Commun</td>
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<tr>
<td>M-105 M-106 Fundamentals of Math, or equivalent</td>
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</tbody>
</table>

In addition to general university requirements, the following courses are required for an accounting major:

Business Courses: MK 301, GB 202, GB 302, FI 303, EC 303, OA 238, MG 301, MG 401; plus either EC 301 or EC 305.

Accounting Courses: AC 205, AC 207, AC 304, AC 306, AC 351, AC 352, AC 401, (or AC 320), AC 405, AC 470.

Core Courses: The following courses (or permission of the instructor) are prerequisites for all upper division accounting courses: AC 205, AC 207, EC 101, E 102, EC 201, EC 202, GB 207, DP 210; plus M 106 or M 112.

Note: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, AC 440, AC 482, and DP 420 in their program.

INFORMATION SCIENCES 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>Intro to Fin. Accounting (AC 205)</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Intermediate Accounting I</td>
<td>3</td>
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<tr>
<td>General Electives (Area I, II, or III)</td>
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<td>6</td>
</tr>
</tbody>
</table>

In addition to general university requirements, the following courses are required for an accounting major:

Business Courses: MK 301, GB 202, GB 302, FI 303, EC 303, OA 238, MG 301, MG 401; plus either EC 301 or EC 305.

Accounting Courses: AC 205, AC 207, AC 304, AC 306, AC 351, AC 352, AC 401, (or AC 320), AC 405, AC 470.

Core Courses: The following courses (or permission of the instructor) are prerequisites for all upper division accounting courses: AC 205, AC 207, EC 101, E 102, EC 201, EC 202, GB 207, DP 210; plus M 106 or M 112.

Note: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, AC 440, AC 482, and DP 420 in their program.
**BUSINESS EDUCATION MAJOR**
(Basic Business Option)
Bachelor of Business Administration Program

### FRESHMAN YEAR
<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>Beginning Typing*</td>
<td>-</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
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</tr>
<tr>
<td>Business Math/Machines</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (Area III)</td>
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</tr>
<tr>
<td>Area I Electives</td>
<td>6</td>
</tr>
<tr>
<td>Electives*</td>
<td>5</td>
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</table>

**SENIOR YEAR**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Intro. Financial Acct</td>
<td>3</td>
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<tr>
<td>Intro. Managerial Acct</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics (Area II)</td>
<td>3</td>
</tr>
<tr>
<td>Area III Elective</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Typewriting*</td>
<td>2</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Electives from 2 of 3 areas</td>
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<tr>
<td>Business Law</td>
<td>-</td>
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**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Money and Banking</td>
<td>-</td>
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<tr>
<td>Principles of Finance</td>
<td>-</td>
</tr>
<tr>
<td>Technical Writing</td>
<td>3</td>
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<td>Elective</td>
<td>-</td>
</tr>
<tr>
<td>Office Management</td>
<td>-</td>
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<tr>
<td>Administrative Office Procedures</td>
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**JUNIOR YEAR**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Principles of Income Taxation</td>
<td>-</td>
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<tr>
<td>Introduction to Data Processing</td>
<td>3</td>
</tr>
<tr>
<td>Basic Marketing Management</td>
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</tr>
<tr>
<td>Secondary School Methods</td>
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</tr>
<tr>
<td>Principles of Management</td>
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</table>

* Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typing at the Intermediate level or above are required.

**BUSINESS EDUCATION MAJOR**
(Basic Business Option with Distributive Education Emphasis)
Bachelor of Business Administration Program

### FRESHMAN YEAR
<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
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<td>Applied Business Communication</td>
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<td>Business Math/Machines</td>
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</tr>
<tr>
<td>General Psychology (Area II)</td>
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<td>Mathematics (Area III)</td>
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<td>Area I Electives</td>
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<tr>
<td>Area II Electives</td>
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<td>Electives from 2 of 3 areas</td>
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<td>Business Law</td>
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**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Intro. Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Intro. Managerial Accounting</td>
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</tr>
<tr>
<td>Principle Economics (Area II)</td>
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<tr>
<td>Business Law</td>
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<tr>
<td>Retail Buying</td>
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<td>Intermediate or Advanced Typewriting*</td>
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<tr>
<td>Area I Electives</td>
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</tr>
<tr>
<td>Area II Electives</td>
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</tr>
<tr>
<td>Foundations of Education</td>
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**JUNIOR YEAR**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Business Statistics</td>
<td>3</td>
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<tr>
<td>Intro. Data Processing</td>
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</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>Secondary School Methods</td>
<td>3</td>
</tr>
<tr>
<td>Vocational Education (Principles and Organization)</td>
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<td>Money and Banking</td>
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**TOTAL CREDITS**

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<th>Junior</th>
<th>Senior</th>
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SCHOOL OF BUSINESS
Business Education, Economics

SENIOR YEAR:

<table>
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<tbody>
<tr>
<td>Methods in Business Education</td>
<td>3</td>
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<tr>
<td>Administration and Coordination of Cooperative Programs</td>
<td>3</td>
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<tr>
<td>Speech Communication for Teachers (Area II)</td>
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<td>Educational Psychology</td>
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<tr>
<td>Business Student Teaching</td>
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<tr>
<td>Business Curriculum and Methods Seminar</td>
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<td>Methods and Materials in Distrib. Education</td>
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<tr>
<td>Technical Writing</td>
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<td>Business Policies</td>
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<td>Electives</td>
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SOPHOMORE YEAR:

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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
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<tr>
<td>Applied Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
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<tr>
<td>Business Math/Machines</td>
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<tr>
<td>Mathematics (Area III)</td>
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<td>Area I Electives</td>
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FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
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</tr>
<tr>
<td>Principles of Economics (Area II)</td>
<td>3</td>
</tr>
<tr>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>*Beginning and Intermediate Shorthand</td>
<td>4</td>
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<tr>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
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<tr>
<td>Area III Elective</td>
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<td><strong>Total Credits</strong></td>
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JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>Business Statistics</td>
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<td>Basic Marketing Management</td>
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<td>Secondary School Methods</td>
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<tr>
<td>Office Management</td>
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<tr>
<td>Principles of Management</td>
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<tr>
<td>Advanced Shorthand</td>
<td>4</td>
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<tr>
<td>Administrative Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>Electives (from 2 of 3 areas)</td>
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<tr>
<td><strong>Total Credits</strong></td>
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SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Methods in Business Education</td>
<td>3</td>
</tr>
<tr>
<td>Business Curriculum and Methods Seminar</td>
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</table>

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BUSINESS EDUCATION MAJOR
(Shorthand Option)

Bachelor of Business Administration Program

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<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
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<tr>
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<tr>
<td>Applied Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
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<tr>
<td>Business Math/Machines</td>
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<tr>
<td>Mathematics (Area III)</td>
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</tr>
<tr>
<td>Area I Electives</td>
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<tr>
<td><strong>Total Credits</strong></td>
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SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics (Area II)</td>
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<tr>
<td>Business Law</td>
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</tr>
<tr>
<td>*Beginning and Intermediate Shorthand</td>
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<tr>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
</tr>
<tr>
<td>Area III Elective</td>
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<td><strong>Total Credits</strong></td>
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JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td>3</td>
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<tr>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Economics Electives</td>
<td>3</td>
</tr>
<tr>
<td>Electives**</td>
<td>6</td>
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<td><strong>Total Credits</strong></td>
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SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Econometrics</td>
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<tr>
<td>Economic Electives</td>
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<td>Electives**</td>
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</table>

ECONOMICS MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
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<td>Mathematics</td>
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<td>Area I Electives</td>
<td>3</td>
</tr>
<tr>
<td>Area II Electives (Other than economics)</td>
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<td>Elective</td>
<td>3</td>
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<tr>
<td><strong>Total Credits</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

* Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the Intermediate level or above are required.

** Electives should be chosen mainly from upper division courses.

*** Must include hours in at least two of the three definitive areas as listed on page 19 of the catalog.

See page 18 for clarification of fields in B.A. degree.

ECONOMICS MAJOR
Bachelor of Arts Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
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<td>History</td>
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<td>Area I Electives (Field Two)*</td>
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<td>Electives</td>
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<td><strong>Total Credits</strong></td>
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SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Economics</td>
<td>3</td>
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<tr>
<td>Literature</td>
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<td>Area I Elective (Field Three)*</td>
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<tr>
<td>Science</td>
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<tr>
<td>Introduction to Finance Accounting</td>
<td>3</td>
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<tr>
<td>Intro to Managerial Acct.</td>
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</tr>
<tr>
<td>Introduction to Data Processing</td>
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<td>Electives</td>
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<td><strong>Total Credits</strong></td>
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JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
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<tr>
<td>Intermediate Macroeconomics</td>
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<tr>
<td>Principles of Finance</td>
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<td>Business Statistics</td>
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<tr>
<td>Advanced Business Statistics</td>
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<td>Economics Electives</td>
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<td>Electives**</td>
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SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>Economic Electives</td>
<td>3</td>
</tr>
<tr>
<td>Electives**</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>
### Graduate Requirements for Degree in Economics - Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal & Urban Studies and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose two minor areas from the remaining social sciences and complete 15 credits in each. For teaching endorsements as a secondary school teacher, an additional 5 credits must be earned in one or more of the minor areas (see page 102 of BSU Bulletin 1977-78).

#### Graduation Requirements

1. **General University and Basic Core requirements as listed on page 17 of the BSU Bulletin 1977-78.**
2. **Two approved teaching minors (15 hours each) from:**
   - History
   - Political Science
   - Anthropology
   - Sociology
   - Geography

3. **Economics courses - 30 hours**
   - Required Courses - Econ 201 and 202 - 6 hrs.
   - Other Economics Courses - 24 hrs.

4. **Accounting - AC 205-206 required**

5. **Education courses to meet Idaho State Department of Education Certification Requirements for Teachers in Secondary Education - Total of 20 hours. These include:**
   - TE - 201 Foundations of Education - 3 credits (Taken in the Sophomore Year)
   - P - 312 Adolescent Psychology or P - 325 Educational Psychology - 3 credits
   - TE - 381 Secondary School Methods - 3 credits
   - TE - 481 Secondary Student Teaching - 6 credits
   - The additional 5 credits may be selected from classes found on p. 102 of the Bulletin.

Student teaching, TE-481, for Economics and other Social Science majors will be conducted during the second 8 weeks of the first semester of the student's senior year. During the first 8 weeks of that semester the student may take several of the above required Education courses in a Concentrated Course Block (CCB). See p. 103 of the BSU Bulletin. Students should plan to take several of their education courses at this time to ensure the most efficient use of their time.

Students in the Secondary Education Option program majoring in economics should plan their courses in such a way as to receive Idaho Endorsements in as many teaching fields as possible. See BSU Bulletin p. 102.

6. **Sufficient electives to complete a total of 128 Credit Hours of which 40 must be upper division.**

### FINANCE MAJOR

#### Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
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</tr>
<tr>
<td>Fundamentals of Speech Communication (Area II)</td>
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#### Sophomore Year

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<tr>
<td>Introduction to Financial Accounting</td>
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<td>Introduction to Managerial Accounting</td>
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#### Senior Year

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Intermediate and/or Managerial and Cost Accounting
International Economics
Real Estate Finance

---

*Finance Electives*
SCHOOL OF BUSINESS
General Business, Industrial Business

GENERAL BUSINESS MAJOR

The General Business major has the choice of two directions in the pursuit of a Bachelor of Business Administration degree. The student may elect to major in General Business with an option in Public Relations or may elect the General Business major with no area of emphasis. This latter option allows the student to gain additional knowledge in all areas of business without concentrating in any one area.

General Business Major

No Option

FRESHMAN YEAR:

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<td>Income and Employment</td>
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<td>Human Resource Management</td>
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<td>Organization Dynamics</td>
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INDUSTRIAL BUSINESS MAJOR

Bachelor of Business Administration Program

Production Option

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<td>Digital Computer Programming</td>
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SOPHOMORE YEAR:

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<td>Statistical Tech. for Decision Making II</td>
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<tr>
<td>Introduction to Financial Accounting</td>
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<td>Introduction to Managerial Accounting</td>
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<tr>
<td>Applied Business Communication</td>
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<td>Gen. Psychology</td>
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JUNIOR YEAR:

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<td>Principles of Economics</td>
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<tr>
<td>Basic Marketing Management</td>
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<tr>
<td>Introduction to Mechanics</td>
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<tr>
<td>Fundamentals of Speech Communication</td>
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### School of Business

#### Management

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<td>Principles of Management</td>
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<td>Business Law</td>
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**INDUSTRIAL BUSINESS MAJOR**

#### Sales Option

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#### Behavioral Option

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<td>Introduction to Managerial Accounting</td>
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<td>Applied Business Communications</td>
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<td>Statistical Tech. for Decision Making</td>
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#### Sales Option Electives

- Intermediate Marketing Management
- Advanced Marketing Management
- Promotion Management
- Applied Market Research
- Intro to Electrical Engineering
- Thermodynamics and Heat Transfer

### FRESHMAN YEAR

#### 1ST SEM.

- English Composition: 3
- Algebra, Trig., Calculus: 5
- General Psychology: 4
- Intro to Financial Accounting: 3
- Calc. & Anal. Geometry: 4
- General Psychology: 3
- Intro to Data Processing: 3
- Statistical Tech. for Decision Making: 3
- Applied Bus. Comm.: 3
- Physics II & III: 3
- Principles of Economics: 3
- Basic Marketing Management: 3
- Introduction to Mechanics: 3
- Business Law: 3
- Salesmanship: 3
- Consumer Behavior: 3
- Principles of Management: 3
- Area I Elective: 3
- General Elective: 3
- 18

#### 2ND SEM.

- Economics (201 & 202): 3
- Principles of Management: 3
- Intermediate Microeconomics: 3
- Intermediate Macroeconomics: 3
- Bus. Ethics, Soc. Resp.: 3
- Personnel Administration: 3
- Operations Management: 3
- Gen. Electives: 2
- 17

### SOPHOMORE YEAR

#### 1ST SEM.

- Introduction to Financial Accounting: 3
- Applied Business Communications: 3
- Statistical Tech. for Decision Making: 3
- Intro to Data Processing: 3
- General Electives (Area I, II or III): 4
- Business Law: 3
- 16

#### 2ND SEM.

- Economics (201 & 202): 3
- Principles of Management: 3
- Intermediate Microeconomics: 3
- Intermediate Macroeconomics: 3
- Bus. Ethics, Soc. Resp.: 3
- Personnel Administration: 3
- Operations Management: 3
- Gen. Electives: 3
- 17

### JUNIOR YEAR

#### 1ST SEM.

- Introduction to Financial Accounting: 3
- Applied Business Communications: 3
- Statistical Tech. for Decision Making: 3
- Intro to Data Processing: 3
- General Electives (Area I, II, III): 3
- Gen. Electives: 3
- 17

#### 2ND SEM.

- Economics (201 & 202): 3
- Principles of Management: 3
- Intermediate Microeconomics: 3
- Intermediate Macroeconomics: 3
- Bus. Ethics, Soc. Resp.: 3
- Personnel Administration: 3
- Operations Management: 3
- Gen. Electives: 3
- 17

### SENIOR YEAR

#### 1ST SEM.

- Principles of Economics: 3
- Basic Marketing Management: 3
- Introduction to Mechanics: 3
- Business Law: 3
- Salesmanship: 3
- Consumer Behavior: 3
- Principles of Management: 3
- Area I Elective: 3
- General Elective: 3
- 18

#### 2ND SEM.

- Economics (201 & 202): 3
- Principles of Management: 3
- Intermediate Microeconomics: 3
- Intermediate Macroeconomics: 3
- Bus. Ethics, Soc. Resp.: 3
- Personnel Administration: 3
- Operations Management: 3
- Gen. Electives: 3
- 17
### School of Business

#### Real Estate

**Quantitative Option**

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**Aviation Option**

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**Real Estate Major**

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### MARKETING MAJOR
Bachelor of Business Administration Program

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#### MARKETING CORE (12 hours):
- Required for all Marketing Majors
  - MM-101 Principles of Salesmanship
  - MK-301 Basic Marketing Management
  - MK-405 Intermediate Marketing Management
  - MK-425 Advanced Marketing Management

#### MARKETING ELECTIVES (12 hours):
- Choose any four of the following courses.
  - MK-306 Promotion Management
  - MK-307 Consumer Behavior
  - MK-415 G Marketing Research
  - MK-420 Applied Marketing Research
  - MK-421 Sales Administration
  - MK-498 Independent Study or MK-493 Internship
  - EC-317 International Economics

*See course descriptions for former course titles.
**Counts as part of the six hour Area II requirement other than in economics.
***At least 16 hours of electives must be outside of the School of Business. The 16 hours must include hours from at least two of the three defined areas: I, II, III.
Fundamentals of Speech Communication counts as three of these 16 hours.

Your Marketing advisor will help you select the 12 hours of Marketing electives and any other open electives you want to take to prepare yourself for a career in marketing. For example, if you are interested in a career in an area such as sales, advertising, retailing, or marketing research, a program of marketing electives and open electives can be developed to best suit your individual goals. Consult your Marketing advisor.

### OFFICE ADMINISTRATION MAJOR
Bachelor of Business Administration Program

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SCHOOL OF BUSINESS
Two Year Programs

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<td>Office Management</td>
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A maximum of 12 credits in shorthand and 4 in typewriting will be applied to requirements for this major.

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

FOUR-YEAR PROGRAMS

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<td>Professional Speech Communication</td>
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<td>Retail Buying</td>
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<td>Report Writing</td>
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<td>Principles of Retailing</td>
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A maximum of 12 credits in shorthand and 4 in typewriting will be applied to requirements for this major.

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

OFFICE SYSTEMS
Associate of Science Degree

WORD PROCESSING PROGRAM

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*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

MARKETING — MID-MANAGEMENT*

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<td>Visual Merchandising</td>
<td>3</td>
</tr>
<tr>
<td>Report Writing</td>
<td>3</td>
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<tr>
<td>Supervision of Personnel</td>
<td>3</td>
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<tr>
<td>Retail Buying</td>
<td>3</td>
</tr>
<tr>
<td>Credit and Collections</td>
<td>2</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

SECRETARIAL PROGRAM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>Beginning Shorthand*</td>
<td>4</td>
</tr>
<tr>
<td>Beginning Typing*</td>
<td>2</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>Fund. Speech-Communication</td>
<td>3</td>
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<tr>
<td>Intermediate Shorthand*</td>
<td>4</td>
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<tr>
<td>Intermediate Typing*</td>
<td>2</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>3</td>
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<tr>
<td>Elective</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

**For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.
SOPHOMORE YEAR:
Intro to Financial Acct. | 3 | 3
Economics | - | 3
Advanced Shorthand | 2 | 3
Advanced Typing | 2 | 3
Records Prep. & Management | 3 | -
Area II Elective | 3 | -
Secretarial Transcription | - | 4
Administrative Office Procedures | - | 3
Word Processing, Machine Trans | - | 2
Elective | 2 | 3

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.*

**COURSES**

**AC ACCOUNTING**

**Lower Division**

206 Introduction to Financial Accounting (3 credits). (Previously AC 203). This course is designed to introduce the student to the field of contemporary financial accounting as practiced in the United States. The student will study the use of and need for financial statements in the business community. An understanding of financial statements will be accomplished by studies of the basic accounting terminology, and the theoretical framework of financial statements, and an overview of the basic double entry accounting cycle. The emphasis in the course will be on obtaining a working understanding of financial statements. Detailed accounting procedures will be included to the extent that the interface between accounting procedures and statement user information aids this understanding process. Each semester.

208 Introduction to Managerial Accounting (3 credits). (Previously AC 204). This course is designed to introduce the non-accounting major to the accounting concepts applied in cost and managerial accounting. The student will study an overview of manufacturing-accounting with emphasis on job order and process costing of manufactured inventories and standard costing with relevance analysis. The student will receive an introduction to contemporary managerial accounting tools such as capital budgeting, cost-volume-profit analysis, control of inventory, and the impact of income taxes on decision making. This course is not recommended for degree credit by accounting majors. Prerequisite: AC 205. Each semester.

207 Intermediate Accounting I (3 credits). (Previously AC 303). 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 net income. 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 205 or its equivalent. Each semester.

**Upper Division**

304-306 Intermediate Accounting II and III (3 credits each). 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 net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisites: lower division core. 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 taxes as they affect business operating and financing decisions. Degree credit will not be allowed for both AC 320 and AC 401. Prerequisite: AC 205, lower division core or permission of instructor. Each semester.

381 Cost Accounting (3 credits). (Previously AC 301). Theory of cost accounting cost control, including job order, process, direct and standard costs, budgeting and break-even analyses. Emphasis on cost determination as a tool of management and production control. Prerequisite: lower division core or permission of instructor. Each semester.

352 Managerial Accounting (3 credits). A study of the development and uses of internal accounting information in management decision-making, control, and planning processes. Topics include operations and capital budgeting, behavioral implications, computer applications, and analytical methods such as gross profit, break-even, and incremental cost analysis. Prerequisite: AC 351, lower division core or permission of instructor. Each semester.

360 Governmental Accounting (3 credits). A study of the accounting principles applicable to institutions: nonprofit agencies: governmental units, and political subdivisions. The major accounting theory, procedures, legal and reporting regulations, programmed budgeting, and cost-benefit analyses are considered. Prerequisite: lower division core or permission of instructor. Either semester.

401 Principles of Income Taxation (3 credits). (Previously Individual Income Tax). The theory and application of Federal income taxes to individuals, including an introduction to I.R.C. and Unemployment taxes and an introduction to State income taxes. Degree credit will not be allowed for both AC 302 Tax Factors in Business Decisions and AC 401. Prerequisite: lower division core or permission of instructor. Fall semester.

**AV AVIATION MANAGEMENT**

**Lower Division**

021 and 022 Private Pilot Flight Laboratory (no credit). Exceeds the minimum flight-hour requirements to earn the Private Pilot Certificate. Students must have logged a minimum of 40 hours including dual instruction and 15 hours of oral instruction, and satisfactorily completed the flight examination administered by a FAA flight examiner. Prerequisites: AC 101 and successful completion of FAA written examination for Private Pilot Certificate. Each semester.

*101 Aviation Ground School (3 credits). Survey of basic aeronautics, 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. Each semester.

*201 Commercial Pilot Ground School (3 credits). The study of weather, navigation, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. Prerequisite: Private Pilot Certificate. Fall semester.

**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 205. Fall semester.

351 Airline and Air Cargo Management (3 credits). The functions of management in airline operations. Air carrier domestic tactics; effect on transportation, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management. Spring semester.

* Flight lab fees in addition to other tuition and fees will be charged.

**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 Methods Seminar (3 credits). A seminar-type class dealing with current issues and methods in the fields of business curriculum, research, and vocational guidance. Attention will be given to vocational guidance in counseling students, curriculum development, and community influence and impact. Individual research and presentation is emphasized. Spring semester.
SCHOOL OF BUSINESS
Courses, DP, EC

4410 Principles and Organization of Vocational Education Programs - Job Analysis (3 credits). Philosophy, history, purpose and organization of vocational education programs. Occupational analysis to include nature and use of occupational information, labor force opportunities, job values, job analysis, job descriptions, and job requirements. Role of business and government in vocational education. Spring semester.

4430 Administration and Coordination of Cooperative Programs (3 credits). Selection, guidance, placement, and follow-up of students in training situations. Prerequisites: BE 401 and permission of director. Spring semester.

471 Business Student Teaching (6 credits). Supervised teaching under the direction of qualified business teacher-education specialists. Prerequisite: BE 401 and consent of the instructor. Summer.

Graduate

511 Graduate Study in Business Education (3 credits). A study of professional business education including history, philosophy, psychology, issues, and trends. Each of these areas is considered in relation to business education in the public schools. Prerequisite: Graduate Status and consent of the instructor. Summer.

512 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 an analytic skill to express effective argument in reports, articles and other forms of industry communication. Students will prepare and present oral presentations. Prerequisite: Graduate status and consent of the instructor. Summer.

520 Curriculum and Instruction in Shorthand, Transcription, and Office Procedures (3 credits). A study of various techniques available for the improvement of instruction in shorthand, transcription, and office procedures. Includes an analysis of the methods and techniques available to the user. Also includes the application of educational principles of learning and other technical aspects of instruction. Prerequisite: Graduate Status and consent of the instructor. Summer.

530 Curriculum and Instruction in Typewriting, Bookkeeping Accounting, and Data Processing (3 credits). A study of various techniques available for the improvement of instruction in Bookkeeping Accounting, Data Processing, and Typewriting. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: Graduate Status and consent of the instructor. Summer.

540 Curriculum and Instruction in Basic Business and Economics (3 credits). A study of various techniques available for the improvement of instruction in Basic Business and Economics. Includes an analysis of research and its application to the improvement of instruction. Also includes the application of psychological principles of learning and other technical aspects of instruction. Prerequisite: Graduate Status and consent of the instructor. Summer.

571 Organization and Supervision of Business Education (3 credits). Administrative and supervisory problems in business education especially from the point of view of the teacher. A study of problems of the business teacher beyond those involved in classroom teaching. Areas of study include student services, equipment and supplies, in-service programs, research, program evaluation and development, public and staff relations, and leadership roles. Prerequisite: Graduate Status and consent of the instructor. Fall.

591 Project (3-6 credits). The scholarly pursuit of original work through research. Prerequisites: Admission to candidacy.

596 Directed Research (Variable credits). Opportunity for the student to pursue a topic of interest on an individual basis. Prerequisite: Graduate Status and consent of the instructor.

599 Workshop in Business Education (1-3 credits). Intensive study of a selected topic in business education. May be repeated for a maximum of 3 credits.

DP DATA PROCESSING

Lower Division

210 Introduction to Data Processing (3 credits). A general interest course to acquaint students with the fundamentals of automated data processing. The course will introduce the principles of computerized data processing, systems analysis, problem solution through the use of logic and computer programming skills, the role of data in the business community, and the impact the computer is having on management and society. Students will have the opportunity to prepare and run simple computer programs using the University IBM 370 computer system. Each semester.

Upper Division

320 Data Processing Techniques (3 credits). An introduction to computer programming in a high-level language, and a review of programming systems that are currently in use, including specifically business-oriented systems, systems design and programming concepts, systems analysis and design, and the economic performance implied by various market structures. Program flowcharting, development and implementation to solve common business problems will be emphasized. Systems analysis and design activities will be incorporated into class activities. Prerequisite: DP 210 or equivalent. Each semester.

345 Simulation Techniques (3 credits). Basic concepts in simulation; simulation in business including inventory systems and scheduling systems; decision-making in inventory systems; and the role of business and government in business, law, and policy, organizational and legal sophistication will be considered and implemented in Fortran IV and other available simulation languages. 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 a capability to write highly sophisticated programs to business data processing problems. Prerequisite: DP 210 or equivalent. Spring semester.

405 Data Processing Applications (3 credits). An in-depth study of current business computer applications and the function of data processing in the business enterprise. Incorporated into the broad-based study will be consideration of data base, MIS, fraud, computer acquisition, international computer networks and the role and responsibilities of the data processing professional in the business organization. Fall semester.

420 Systems Analysis and Design (3 credits). Concepts and techniques of the analysis and design of information systems. Topics include systems theory, tools and techniques of systems analysis, role of management, study of business computer networks and the role of computer in business education. Course intended to AC 420. credit may not be earned for both courses. Prerequisites: DP 210 and AC 205. Spring semester.

EC ECONOMICS

Lower Division

201 Principles of Economics-Macro (3 credits). Introduction to the use of economic principles to analyze the aggregate or macroeconomic performance of developed, market economies. Application of economic analysis and policy to current domestic and international macroeconomic issues. Special attention to the goals and problems of high employment, price level stability, economic growth, the balance of international payments and the relevant monetary, fiscal and other policy instruments utilized to accomplish these policy goals. Each semester.

202 Principles of Economics-Micro (3 credits). An introduction to microeconomic analysis of the behavior of the basic market structures, the operation of the price system, and the distribution of income. The course provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development. Each semester.

210 Contemporary Economic Problems (3 credits). A one semester introduction to the economic issues facing the modern economy. The course will consider the issues of high employment, price level stability, economic growth, the balance of international payments and the relevant monetary, fiscal and other policy instruments utilized to accomplish these policy goals. Each semester.

219 Environmental Economic Problems: Economics and The Quality of Life (3 credits). Choices must be made between the kind of economic growth society wants and the resulting quality of life. Environmental impacts of growth, including air, water and land pollution, urban growth, natural resource depletion and population pressures will be examined. Policy prescriptions and environmental implications of environmental control will be discussed. Fall semester.

Upper Division

301 Money and Banking (3 credits). Analysis of the role of money, credit and the financial system in the U.S. economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. Prerequisite: EC 201, 202. Each semester.

303 Intermediate Microeconomics (3 credits). An analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. Areas receiving specific attention include consumer choice and demand, theories of production and cost, and the economic performance implied by various market structures. The usefulness of price theory in the analysis of social problems and managerial decisions is stressed. Prerequisite: EC 202. Each semester.

305 Intermediate Macroeconomics (3 credits). Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic policy instruments and decisions on aggregate economic performance goals. Prerequisite: EC 201. Each semester.

310 Public Finance (3 credits). A study of the role and impact of Government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxes, and indebtedness will be examined. Considerable attention will be paid to the effects of government activity upon such things as the allocation of resources and the distribution of income. Some attention will be paid to state and local problems. Prerequisite: EC 201, 202. Each semester.

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.

318 Comparative Economic Systems (3 credits). A comparative study of the goals and methods of various economic systems; such as capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. Prerequisite: EC 201-202 or by permission. Either semester.


321 Regional Economics (3 credits). Application of economic analysis to regional problems. Structure, growth, public policy, various growth models, and specific techniques such as input-output analysis, base multipliers and cost benefit analysis will be developed. Prerequisite: EC 201-202. Fall semester.
Urban Economics (3 credits). The course will focus on the structure of the urban areas, locational patterns, housing, crime, pollution, poverty, financial, and transportation problems. The tools of economic analysis will be used to examine the problems and existing and proposed policies. Prerequisite: EC 201-202. Spring semester.

Radical Economics (3 credits). Analysis and evaluation of radical contributions to political-economic thought and their applications to the study of contemporary socio-economic problems. Emphasis is placed on Marxian socialist economics theory, libertarianism, anarcho-capitalist, evolutionary theory, economic theory, and other radical models. Current issues such as imperialism, economics and social inequality and alienation will be considered from the vantage point of these radical perspectives. Prerequisite: Upper division or consent of instructor. Fall semester.

Lever Economics. (3 credits). This course examines a broad range of current issues relating to the theories of the U.S. industrial relations system will be reviewed, including comparisons with those of Western Europe. Labor markets will be analyzed to emphasize the economic and non-economic factors affecting labor-management negotiations. The course will conclude with a discussion of public policy concerned with both public and private sector, unionism as well as legislation pertaining to the income security of workers. Prerequisite: EC-201, EC-202. Fall semester.

Business Fluctuations and Economic Stabilization (3 credits). Application and extension of macro-economic theory to the study of economic instability. Theories of economic fluctuations and their measurement. Goals, objectives and tools of stabilization policy, including techniques of macroeconomic forecasting and models of unemployment. Prerequisite: EC-305.

U.S. Economic History (3 credits). This course deals with major factors in the economic growth and development of the United States from colonial times to the present. Particular attention is given to the relationship of economic factors and other aspects of American society. Prerequisite: EC 201-202 or permission of the instructor. Spring semester. Offered in alternate years by the Economics and by the History Department. cross-numbered as Ec 417.

EC 421G-422G Econometrics (3 credits). The application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. Prerequisites: Math 106 or equivalent and permission of the instructor. May be taken for graduate credit. 421G Fall - 422G Spring semester.

FI FINANCE

Personal Finance and Investments (3 credits). Aid in meeting the growing complexity of financial decision making as faced by the individual. How to obtain financial entanglements, installment buying, borrowing money, owning or renting a home, and the like. The role of cost, profitability, and the time value of money in the labor force and the structure of the labor market. The development of the U.S. industrial relations system will be reviewed, including comparisons with those of Western Europe. Labor markets will be analyzed to emphasize the economic and non-economic factors affecting labor-management negotiations. The course will conclude with a discussion of public policy concerned with both public and private sector, unionism as well as legislation pertaining to the income security of workers. Prerequisite: EC-201, EC-202. Fall semester.

Principles of Finance (3 credits). A basic survey course of fundamental concepts and techniques of the three major areas of finance corporate, institutional, and governmental. Issues and their interrelationships. Topics include: current theoretical and institutional trends in the financial world, current theoretical and institutional trends in the financial world, economic fluctuations and their measurement. Goals, objectives and tools of stabilization policy, including techniques of macroeconomic forecasting and models of unemployment. Prerequisite: EC-305.

The purpose is to provide the student with an understanding and working knowledge of the concepts and techniques pertaining to financial management as a product of the financial system. The course will cover the organization and structure of the transportation industry as well as the history, development, operations, pricing and legal controls and obligations of firms engaged in various forms of transportation services. Spring semester.

Business Ethics, and Social Responsibility (3 credits). This course deals with the complex social environment within which organizations function and examines organizational actions by looking at their social and ethical impact. Either semester.

Quantitative Analysis for Business Decisions (3 credits). The course involves the study of quantitative tools traditionally referred to as operations research techniques. The emphasis is on the illustration of the functional use of the techniques and how they can assist the decision maker. Topics typically covered include linear programming and critical path analysis. Prerequisites: GB-207 (was GB-308) and MG-301. Either semester.

Management Lower Division

Principles of Management (3 credits). This course deals with the history of management, schools of management thought, and the planning, organizing, directing and controlling functions of management. Emphasis in the course is also given to the historical development of the field of quantitative techniques in management. Prerequisite: M-106. Either semester.

Personal Administration (3 credits). This course provides an in-depth examination of the functions of personal administration — human resource planning, employment, development, utilization, and compensation — with an emphasis on the interpersonal relationships among these functions. Current topics in the law as they affect the personal functions are considered each term (e.g., OSHA, fair employment regulations, etc.). The student will be required to build upon and integrate the knowledge and methods acquired from a total educational and experience base and to examine problems in all functional areas of the organization. Prerequisite: Completion of the required business core. Either semester.

Quantitative Analysis for Business Decisions (3 credits). The course involves a study of quantitative tools traditionally referred to as operations research techniques. The emphasis is on the illustration of the functional use of the techniques and how they can assist the decision maker. Topics typically covered include linear programming and critical path analysis. Prerequisites: GB-207 (was GB-308) and MG-301. Either semester.

Management Upper Division

Principles of Management (3 credits). This course deals with the history of management, schools of management thought, and the planning, organizing, directing and controlling functions of management. Emphasis in the course is also given to the historical development of the field of quantitative techniques in management. Prerequisite: M-106. Either semester.

Personal Administration (3 credits). This course provides an in-depth examination of the functions of personal administration — human resource planning, employment, development, utilization, and compensation — with an emphasis on the interpersonal relationships among these functions. Current topics in the law as they affect the personal functions are considered each term (e.g., OSHA, fair employment regulations, etc.). The student will be required to build upon and integrate the knowledge and methods acquired from a total educational and experience base and to examine problems in all functional areas of the organization. Prerequisites: MG-301 (Principles of Management), or consent of instructor.
300 Operations Management (Previously Production Management (3 credits). This course provides the student with the quantitative tools used in the operations and production fields. The nature of the interactions between the operations manager and the other management systems will be developed. Typical topics include: quality control, inventory control and system revision. The student will learn to apply these tools to manage different business environments will be considered. Prerequisites: GB-208, MG-301. Either semester.

309 Operations Decisions and Controls (Previously Production Decisions and Controls (3 credits). The purpose of this course is to provide the student with the standard tools used in operations decisions and control and to heavily emphasize applications to real business decisions. Both manufacturing and non-manufacturing industries are studied. Prerequisite: MG-301. Either semester.

317 Small Business Management (3 credits). A study of the unique and distinct nature of the small business organization. This course covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis will be placed on small business management techniques as they apply to service retail and production oriented small businesses. Prerequisite: MG 301. Either semester.

320 Labor Law (3 credits). This course offers a survey of the existing body of labor law, along with the historical events and precedents that have shaped this law. The general principles of the law and the effective application of these principles are discussed. Such issues as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanisms of conflict resolution are discussed.

340 Labor Relations (3 credits). This course will cover the history, structure, policies, and operations of labor unions; the functioning of industrial relations within organizations; and important concepts and terminology in labor-management relations. The student is introduced to collective bargaining and various forms of conflict resolution. Contract administration is emphasized with a focus on the day-to-day relationships between the parties. International comparisons of industrial relations systems are made. Either semester.

401 Human Resource Management (Previously Human Relation (3 credits). Utilizing concepts and theories from the behavioral sciences this course examines the effective management of human resources. Topics covered include perception, motivation, attitudes, power and leadership. Prerequisite: MG-301. Either semester.

408 Organizational Dynamics (3 credits). This course deals with the development of organizational theory including the following specific areas: organizational structures, bureaucratic organizational influence processes, politics, power and conflict, organizational development and organizational effectiveness. Prerequisites: MG-301, Either semester.

408 Compensation Management (3 credits). This course involves the implementation of the organization’s compensation system, and control of a comprehensive compensation program. Topics covered include job analysis, job evaluation, pricing of jobs, supplemental benefits, incentive plans, and performance appraisal. Special attention is given to legislative changes and the compensation field and the unique compensation problems of select groups in the labor force e.g., public employees and employees of trans-national enterprises. Prerequisites: MG-303 (Personnel Administration) or consent of instructor.

MK MARKETING

Upper Division

301 Basic Marketing Management (3 credits). Study of the marketing process with emphasis on introducing students to the function of marketing concepts and decisions within the organization’s strategic planning. The marketing process consists of identifying and interpreting wants and needs of people, selecting the particular wants and needs the organization will satisfy, and determining the product, price, communication and distribution mix necessary to satisfy the selected wants and needs. Each semester.

308 Promotion Management (3 credits). The principles, strategies and management of advertising and sales promotion activities. Coordination and integration of both areas with other elements of the marketing mix is emphasized. The economic and social criticism of advertising particularly are stressed to insure that managers are aware of the ethical and social responsibilities inherent in the job. Prerequisite: MG-301. Either 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: MG-301. Either semester.

406 Intermediate Marketing Management (3 credits). Marketing principles and theories are integrated with analytical and behavioral decision processes. Emphasis is placed on problem and opportunity recognition, marketing strategy planning and administering marketing programs. Consumer, industrial, institutional, and international markets are considered. Prerequisite: MG-301. Either semester.

415G Marketing Research (3 credits). Consideration of the theory and use of research in providing information relative to marketing decisions. The student will obtain expertise in formal research methodology by planning & conducting a research project concerning an actual business or governmental problem situation. May be taken for graduate credit. Prerequisites: GB-207, MG-301. Either semester.

420 Advanced Market 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: MG-415G. Either semester.

421 Sales Administration (3 credits). Management of a sales organization with particular emphasis on recruiting selection, training supervision and compensation of salesmen. Emphasis is also placed upon coordinating and integrating activities of the sales organization with other functional managers, coordinating the marketing organization. Stress is also placed upon ethics and social responsibilities relating to the sales manager’s job. Prerequisite: MG 301. Either semester.

425 Advanced Marketing Management (3 credits). 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: MG-301 and MK-405. Spring semester.
431 Appraisal of Income Properties (3 credits). This combination lecture and case study course is devoted entirely to the appraisal of income property. Following a review of the steps leading to the determination of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Direct capitalization, the residual techniques, and capitalization roles are thoroughly analyzed and discussed. Prerequisites: RE 201, RE 201, Spring semester.

460 Real Estate Brokerage Management (3 credits). This course is a capstone course designed to integrate the specialized functional knowledge gained in the Real Estate program including office administration, hiring and personnel management, brokerage sales and promotion, commission structure, ethical behavior and social responsibility, creative financing, professional organizations, and agency relationships. Prerequisites: RE 220, RE 331, RE 340, RE 360. Either semester.

OA OFFICE ADMINISTRATION

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-238. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Both semesters.

105 Beginning Typing (2 credits). Theory and keyboard operations on the typewriter with application for personal or business use. Fall semester.

107 Intermediate Typing (2 credits). Review of typing fundamentals for development of speed and accuracy with applications of these skills for use. Prerequisite: OA-105 or advanced placement. Either semester.

111 Personal Adjustment to Business (1 credit). Designed to develop an insight into the behavior and customs of individuals in a business office through study of why people work, good decision making, oral communication and case analysis problems. Either semester.

116 Business Mathematics-Machines (3 credits). Fundamental operations of arithmetic, 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.

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.

121 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.

201 Beginning Typing (2 credits). Theory and keyboard operations on the typewriter with application for personal or business use. Fall semester.

206 Medical Office Orientation (1 credit). A study of medical receptionist duties, special records and filing systems, legal aspects of medical work, management, medical office, and ethics and psychology in a medical office. Either semester.

207 Procedures of a Law Office (1 credit). Office procedures and methods as they relate to the work of a legal secretary. Legal terminology and meaning of the language of the law will be stressed. 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.

213 Word Processing, Machine Transcription (2 credits). A course stressing the operation and knowledge of transcribing machines. The development of speed and accuracy in machine transcription is emphasized by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. Prerequisite: BA-209. Both semesters.

215 Word Processing, Mag. Keyboarding (1 credit). Recording data electronically while producing typewritten copy. Power typing and revision applications will be used. Prerequisite: OA-209. Both semesters.

219 Editing for Word Processing (1 credit). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting, and editing. Prerequisites: Grade of C or higher is recommended in OA-238, OA-107. Either 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.

238 Applied Business Communications (3 credits). (Previously OA 328 - Business Communications) A course designed to emphasize the building of a foundation of effective business writing principles. The effectiveness and the correctness of writing and the psychology of letter writing will be emphasized through the preparation of a variety of business letters. Either semester.

243 Principles of Reprographics (2 credits). A course given in the operation of the various kinds of duplicating machines, including the spirit duplicator, the stencil and ink duplicator, the offset duplicator, and the dry process copier. Instruction will be given in the theory, drawing, lettering, and writing on the duplicating media of masters, stencils, and mats. An opportunity will be provided to observe and study typography, layout and design, paste up, dark room techniques, stripping, plate making, and bindery work. Both semesters.

Upper Division

308 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. Either 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. Either semester.

317 Office Management (3 credits). An introduction to the area of information management. The functions of office management including areas such as production, environmental analysis, systems analysis and personal administration. Either semester.

338 Technical Writing for Business (3 credits). An in-depth study including the application of interpersonal communication and effective business writing principles through preparation of business and financial reports and technical papers. A case study approach will be used to present a variety of business situations requiring decision-making in business report writing. Prerequisite: OA-238. Either semester.

GRADUATE PROGRAMS IN BUSINESS

MBA IN BUSINESS

MA IN SECONDARY EDUCATION (BUSINESS EDUCATION OPTION)

MBA IN BUSINESS ADMINISTRATION

OBJECTIVES

The purpose of the Boise State University Program leading to the MBA Degree is to further 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 broad managerial responsibilities.

The MBA curriculum at Boise State emphasizes the traditional MBA approach of development of managerial generalists, with a common body of functional knowledge given to all students. There is no area of emphasis or major available, but once a student satisfies the functional core of courses, free electives to achieve a minor degree of concentration are possible.

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 the standards set by the School of Business of Boise State University. 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 have related most of the core requirements as part of their undergraduate program. The Master of Business Administration program is also designed to serve the student who has completed his bachelor's degree in non-business fields such as the sciences, engineering, and the liberal arts. Therefore, 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 acceptable CLEP examination, and any other local departmental requirements.

MATRICULATION REQUIREMENTS

FOR APPLICANTS

SPECIFIC PREREQUISITES FOR APPLICANTS

All applicants must meet the following undergraduate requirements or must fulfill these requirements prior to enrollment in MBA classes. (New applicants for the MBA program should furnish documentary evidence of GMAT scores and copies of official transcripts upon initial application. For fall enrollment, students should arrange to take the GMAT by July. For spring enrollment, the GMAT should be taken no later than the October or November test date).

(a) Possession of a bachelor's degree from an accredited institution.
SCHOOL OF BUSINESS

MBA

(b) Demonstration of satisfactory academic competency by virtue of acceptable scores achieved by either of the following two formulae:

200 X overall GPA plus GMAT score must equal 1000 minimum

200 X junior/senior GPA plus GMAT score must equal 1050 minimum

(c) For foreign students, in addition to the above formulae, a score of 525 on the TOEFL, or its equivalent, is necessary.

(d) Prerequisite courses or their equivalent:

1. Accounting (equivalent to one year)
2. Economics (equivalent to one year)
3. College level mathematics (equivalent to one year)
4. Management
5. Business Law
6. Marketing
7. Finance
8. Data Processing (programming techniques)

Students who are deficient in any prerequisite courses must remove these deficiencies prior to enrollment in MBA 500 level courses. Enrollment in MBA courses without having removed all deficiencies will subject the student to administrative withdrawal, with no recourse, from these MBA courses.

The student may be required to remove other deficiencies as determined by the School of Business.

All applicants must be accepted by the Graduate School of Boise State University in order to achieve the MBA degree.

THE MBA DEGREE

THE GRADUATE DEGREE PROGRAM

The Master of Business Administration degree consists of a minimum of 30 semester hours of credit from the offerings listed on the following pages or other graduate courses suitable to an MBA degree, as accepted by the MBA Admissions Committee.

Required Core Courses ........... 21 or 24 credits
Electives ................................ 9 or 6 credits

Note: A student with a major in a functional business discipline such as management, marketing, finance, economics, or accounting should not take the core course in that discipline, and may substitute any MBA elective in its place.

A maximum of 9 graduate credits may be accepted from other graduate schools upon request and a determination of acceptability.

Problems and cases are considered in profit planning and analysis. Cost analysis for prices and capital budgeting. Overall objective is an understanding of improved techniques of cost planning and control.

MG-540 Organization Theory (3 credits). Examining briefly the history and current trends in organizations, the course focuses on the determinants and effects of organizational design. Methods of analyzing appropriate structures are discussed.

EC-550 Managerial Economics (3 credits). Application of economic concepts and methodology to the problem of formulating rational managerial decisions. Emphasis is given to optimizing techniques, risk analysis, estimation of demand and costs of production, market structures and pricing practices. Integrates economic theory and business administration practice. Prerequisite: GB-512 or GB-514.

GB-579 Business Policy Formulation (3 credits). This course utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies including the use of quantitative methods for allocation and flow of all goods and services in organizations. This course is designed as a general capstone experience and MBA students are expected to be in the last semester of the program before enrolling in the course.

MBA - ELECTIVE COURSES

GB-512 Statistical Methods for Business Decisions (3 credits). The purpose of this course is to provide the student with an understanding of those statistical methods used in the business decision process. The emphasis will be on the application of the techniques and the reason for their employment in decision processes. Computer application programs will be employed to assist in the learning process. Topics generally covered include: Multiple Regression Analysis, Forecasting and Bayesian Decision Theory. Prerequisites: GB-207 and DP-320, or equivalent.

GB-514 Operations Research Methods for Decision Making (3 credits). This course provides an introduction to operations research decision making aids. The emphasis will be on applying quantitative tools and interpreting the results rather than on theoretical developments. Particular attention will be given to using the computer to analyze quantitative models. Typical areas covered are: Linear Programming, Network Models, AND Inventory Control. Prerequisites: Graduate Standing, M-105 and M-106, M-561, or equivalent courses.

*Student selects one of these two.

MG-519 - Marketing Management Concepts (3 credits). Concepts and theories of marketing management are related to the organization and environments that interact with the marketing function. The approach is interdisciplinary and analytical. The decision-making process places emphasis on identifying marketing opportunities and problems. Selection and development of alternatives, formulation of strategies, and implementation of marketing plans and programs are also emphasized. Marketing to consumer, industrial, institutional, and international sectors are discussed. Prerequisites: GB-512 or GB-514.

FI-530 Financial Management (3 credits). This course offers an analysis of financial problems and formulation of financial policies through case studies. Topical areas include financial planning and control, capital budgeting, risk analysis, cost of capital and the capital asset pricing model, capital structure planning, dividend policy, bond refunding problems, short- and long-term financing requirements, mergers and acquisitions, social responsibility of financial executives, and financial problems of multinational firms. Prerequisites: GB-512 or GB-514.

AC-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 prices and capital budgeting. Overall objective is an understanding of improved techniques of cost planning and control.

MG-540 Organization Theory (3 credits). Examining briefly the history and current trends in organizations, the course focuses on the determinants and effects of organizational design. Methods of analyzing appropriate structures are discussed.

EC-550 Managerial Economics (3 credits). Application of economic concepts and methodology to the problem of formulating rational managerial decisions. Emphasis is given to optimizing techniques, risk analysis, estimation of demand and costs of production, market structures and pricing practices. Integrates economic theory and business administration practice. Prerequisite: GB-512 or GB-514.

GB-579 Business Policy Formulation (3 credits). This course utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies including the use of quantitative methods for allocation and flow of all goods and services in organizations. This course is designed as a general capstone experience and MBA students are expected to be in the last semester of the program before enrolling in the course.

MBA - ELECTIVE COURSES
Admissions and Program

1. ordinarily show eligibility for certification by the State of Idaho (or any other state), and
2. have completed the following prerequisite courses or their equivalent:
   a. Principles of Accounting 6 credits
   b. Principles of Economics 6 credits
   c. Business Law 3 credits
   d. Data Processing 3 credits
   e. Marketing 3 credits

B. Program Requirements:

1. Secondary Education Core Courses (see page 102 Teacher Ed.) 6 credits
2. Business Courses 12 credits chosen from:
   a. Business Education:
      (1) BE-511 Graduate Study in Business Education (required) 3 credits
      (2) BE-520 Curriculum and Instruction in Shorthand, Transcription, & Office Procedures 3 credits

3. Free Electives 9 credits
4. Option of:
   a. Thesis - BE 593 3-6 credits
   b. Project - BE 591 3-6 credits
   c. Additional course work 3-6 credits

A. Required Courses

1. TE-560 Secondary Education Core Courses 6 credits
2. BE-511 Graduate Study in Business Education 3 credits
3. BE-593 Thesis or BE 591 Project 3-6 credits

B. Elective Courses

Additional courses as selected by the student and his graduate committee to meet program requirements.

Additional Information

A. Culminating Activity and Examination. Students electing a thesis as a culminating activity will take an oral examination covering the thesis.

B. While any Master of Business Administration course may be used in the requirement outline in 2.b. above, the following are considered to be courses most likely to be chosen:

- BE-510 Business and its Environment
- BE-512 Business Research and Communications
- AI-520 Marketing Problems
- AC-532 Accounting-Planning and Control
- MG-541 Personal Policy
- EC-550 Managerial Economics

For additional details contact Department Chairman, Department of Business Education and Office Administration 1208 385-3451.

The graduate level courses to support this program will be regularly offered in the fall and spring semesters when funded by the legislature.
PART VI

School of Education

Dean: Gerald R. Wallace, Ed.D.
Associate Dean: Clyde Martin, Ed.D.

Departments and Faculty

Center for Counseling, Guidance and Testing:
Director and Professor: Dr. David P. Torbet; Associate Professors: Callao, DeLaurier; Assistant Professor: Downs.

Department of Health, Physical Education and Recreation:
Chairman and Professor: Dr. Gene Cooper; Professor: Smith; Associate Professors: B. Bowman, S. Button, R. Lewis; Assistant Professors: P. Bowman, J. Boyles, D. Connor, P. Holman, E. Jacoby, B. Jones, C. Sweeney, C. Thorngren, R. Vaughn, S. Wallace, M. Young; Instructor: Fahlerson

Department of Athletics
Director: Lyte Smith; Assistant Director: R. Stephenson; Coaching Staff: Banker, Campo, Oher, Connor, Dahlquist, Dutton, Golden, Jacoby, Oliver, Vaughn, Young.

Department of Psychology:
Chairman and Professor: Dr. John L. Phillips, Jr.; Professors: Sickles, Smith; Associate Professors: Barsness, Dodson, Ison, Snow, Thurber, Wilkinson; Assistant Professor: Siegel

Department of Teacher Education and Library Science:
Chairman and Professor: Dr. John Jensen; Coordinator of Field Services: Dr. Ramlaykha Singh; Professors: Bierne, Beatz, Bierer, Bulfing, Chatburn, Frederick, Kirtland, McDonald, Wallace, Young; Associate Professors: Bowman, Burch, Combs Dahlberg, Friedli, Hill, Lambert, Marks, Martin, Tucker; Assistant Professors: French, Green, Sadler, Schmaljohn, Watts, Walker; Instructor: Munns.

Educational Media Services
Mr. Ben Hambelton, Director and Assistant Professor
W. Christensen, D. Graybeal

Curriculum Resource Center:
Marian Fletcher, Librarian

Reading Education Center:
Director: Dr. William Kirtland
Marks, Frederick, Munns

Educational Television:
Mr. Jack Schlaeffer, Director and Assistant Professor; Hansen, McArthur, Pyle

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 University. 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.

Teacher Education programs at Boise State University are interdisciplinary in nature; hence, coordination of programs is essential. The development and operation of individual programs is the specific responsibility of the appropriate department with the School of Education serving as the overall controlling organization. Within this pattern of administration the Council for Coordination of Teacher Education Programs has the following functions: (1) to coordinate programs involving two or more departments; (2) to review proposals, policies, and procedures involving two or more departments, and to make recommendations for action; and (3) to consider procedures for follow-up of graduates and to assess needs for teacher education. Membership for the Council comes from the departments associated with the teacher education program.

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 University 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. Students also receive special preparation for the particular kind of education work they plan to do.

Admission to School of Education

A. Students preparing to teach must apply for admission to the School of Education. Normally, this is accomplished during the Sophomore year. This application will be secured and processed as part of the TE-201 Foundations of Education course (required for certification).

Transfer students who have completed an equivalent course in Foundations of Education shall contact the Coordinator of Field Services and apply for admission to the School of Education.

Admission to the School of Education must be completed prior to enrollment in TE-451/452 Elementary Curriculum and Methods or TE-381, Secondary School Methods.

B. General requirements for admission to the School of Education for elementary and secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements include:

1. Filing of the "Admission to the School of Education, or its equivalent.

2. A minimum of Grade "C" in TE-201 Foundations of Education, or its equivalent.

3. Satisfactory test scores on authorized departmental examinations of basic proficiencies. These tests are administered during the TE-201 course, but may be taken by transfer students and in special cases by contacting the Coordinator of Field Services. Students failing to make satisfactory scores on one or more of these examinations will be advised as to the specific weaknesses and remediation will be suggested. Students will be given an opportunity to retake any examination previously failed.

4. Any deviations from the preceding policy must be approved by the Chairperson of the Department of Teacher Education and Library Science.

A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education Field Services by the following deadlines:

1. Blocks I & II (Secondary) March 1 of the Junior Year Elementary (Fall/Spring)

2. Blocks III & IV (Secondary) October 1 of the Senior Year Elementary (Spring/Fall)

Application forms may be picked up from the Office of the Coordinator of Field Services.

NOTE: Six weeks notice will be required prior to the beginning date of the student teaching assignment, if a student wishes to change semesters (elementary) or specific blocks (secondary).

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-451 and TE-452 taken concurrently with student teaching.
   e. Student teachers assigned to a school for 1/2 day during two semesters.

NOTE: Deviations from the above policies must be approved by the chairperson of the Department of Teacher Education and Library Science. In reference to "e", all student teachers must be taking TE-451 (Language Arts emphasis) concurrently with student teaching or prior to student teaching.

f. Senior standing.

2. Secondary Option
   a. Admission to the School of Education
   b. Recommendation by the faculty advisor or 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 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 university supervisors.

D. Students who transfer to Boise State University 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.

ELEMENTARY EDUCATION

Students preparing to teach in the elementary grades will major in Elementary Education and complete a program of stud-
SCHOOL OF EDUCATION
Elementary Education

Bachelor of Arts
(Suggested Program)

FRESHMAN YEAR:

1ST SEM. | 2ND SEM.
---|---
E 101 English Composition | 3 | —
E 102 English Composition | — | 3
B 100 Concepts of Biology | — | 4
Physical Science (C-100, GO-100, PS-100 or PH-105) | — | 4
TE 171 Early School Experience | — | 1
P 101 General Psychology | — | 3
M 103, M 104 Mod. Math for Elem. Teachers | — | 3
GG 101 Introduction to Geography | — | 3
MU 101 Music Fundamentals | — | 2
Electives (Include Area III requirements) | 9 | 8

SOPHOMORE YEAR:

1ST SEM. | 2ND SEM.
---|---
E 270 Survey of American Literature | 3 | —
TE 201 Foundations of Education | — | 3
HY 151 United States History | — | 3
TE 205 Approaches to Reading | — | 3
TE 271 Teacher Aide Practicum | — | 2
Electives (Include Area III requirements) | 9 | 8

JUNIOR YEAR:

1ST SEM. | 2ND SEM.
---|---
AR 321 Elementary School Art Methods | — | 3
MU 371 Music Methods for the Elem. School Teacher | — | 2
PE 361 Elementary School Physical Ed | — | 2
P 325 Educational Psychology | — | 3
LS 316 Children's Literature | — | 3
Electives (consider elementary specialty) | 8 | 8

SENIOR YEAR: (no electives)

1ST SEM. | 2ND SEM.
---|---
TE 311 Child Psychology | 3 | —
TE 392 Education Exceptional Child | — | 3
TE 410 Elementary School Media I | — | 1
TE 411 Elementary School Media II | — | 1
TE 451 Elementary Curriculum and Methods | — | 1
TE 452 Elementary Curriculum and Methods | — | 1
TE 453 Student Teaching in Special Education | — | 5
TE 498 Senior Seminar - Elementary Education | — | 2
TE 499 Senior Seminar - Elementary Education | — | 2

16 | 16

101
SCHOOL OF EDUCATION
Secondary Education

Students from Boise State University will be recommended for an elementary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of the Bachelor of Arts degree in Elementary Education.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.

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 University 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 candidate has the approval of the department subject area specialization and the Department of the 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.

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 University courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE-201 Foundations of Education</td>
<td>3 credits</td>
</tr>
<tr>
<td>P-312 Adolescent Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>P-329 Educational Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>TE-381 Secondary School Methods</td>
<td>3 credits</td>
</tr>
<tr>
<td>TE-481 Secondary Student Teaching</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

Total: 15 credits

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>
</tr>
</thead>
<tbody>
<tr>
<td>P 312 Adolescent Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>P 325 Educational Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>TE 356 Production of Audio-Visual Materials</td>
<td>2 credits</td>
</tr>
<tr>
<td>TE 371 Guidance for the Classroom Teacher</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR 351 Secondary School Art Methods</td>
<td>3 credits</td>
</tr>
<tr>
<td>BE 401 Methods in Business Education</td>
<td>3 credits</td>
</tr>
<tr>
<td>BE 421 Business Curriculum and Problems</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM 311 Speech Communication for Teachers</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM 401 Methods of Teaching Comm.</td>
<td>3 credits</td>
</tr>
<tr>
<td>GS 305 Teaching Science in the Secondary School</td>
<td>3 credits</td>
</tr>
<tr>
<td>E 301 Teaching English Comp.</td>
<td>3 credits</td>
</tr>
<tr>
<td>E 381 Methods of Teaching Secondary School English</td>
<td>3 credits</td>
</tr>
<tr>
<td>FL 310 Methods of Teaching Foreign Lang.</td>
<td>3 credits</td>
</tr>
<tr>
<td>HY 211 Methods of Teaching History</td>
<td>3 credits</td>
</tr>
<tr>
<td>M 490 Mathematics in Secondary Schools</td>
<td>3 credits</td>
</tr>
<tr>
<td>MU 257 String Instrumental Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU 266 Woodwind Instrumental Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU 368 Percussion Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU 369 Brass Instrumental Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU 371 Public School Music</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU 385 Choral Methods and Materials</td>
<td>2 credits</td>
</tr>
<tr>
<td>PE 304 Methods for Teaching Physical Education</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

Each certified secondary school teacher must complete 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.

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 if 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 in 1974).

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.

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.

Journalsim
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, economics, and anthropology.

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.

Foreign Languages
Credits must be in the language in which an endorsement is sought.

SECONDARY STUDENT TEACHING

Secondary Education Student Teaching for 1977-78 — Student teaching will be offered 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, English, and Music majors will teach the third nine weeks block (first nine weeks of second semester); the fourth block of nine weeks will service all science, 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.

NOTE: The Department of Teacher Education has under consideration a plan to move to a semester long student teaching program beginning the fall of 1978.

Concentrated Course Blocks And Student Teaching 1977-78 — 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 by Departments

Art
Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices: (8-9 credits)
- Production of Audio-Visual Materials, TE 356 (2)
- Educational Psychology, P 325 (3)
- Secondary School Methods, TE 381 (3)

Business
Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices: (8-9 credits)
- Production of Audio-Visual Materials, TE 356 (2)
- 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.

Communications (Speech)
Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices:
- Production of Audio-Visual Materials, TE 356 (2)
- Secondary School Methods, TE 381 (3)

English
Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices:
- Production of Audio-Visual Materials, TE 356 (2)
- Speech Communication for Teachers, CM 311 (3)
- Secondary School Methods, TE 381 (3)

Note: E 318 Methods of Teaching Secondary School English (3) is to be taken the semester preceding student teaching.

Foreign Languages
Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices:
- Production of Audio-Visual Materials, TE 356 (2)
- Educational Psychology, P 325 (3)
- Methods of Teaching Foreign Language, FL 310 (3)
- Secondary School Methods, TE 381 (3)

History
Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices:
- Production of Audio-Visual Materials, TE 356 (2)
- Speech Communication for Teachers, CM 311 (3)
- Secondary School Methods, TE 381 (3)

History — Civil War and Reconstruction, HY 354

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SCHOOL OF EDUCATION

Student Teaching

Mathematics
Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices:
- Production of Audio-Visual Materials, TE 356 (2)
- Educational Psychology, P 325 (3)
- Speech Communication for Teachers, CM 311 (3)
- Secondary School Methods, TE 381 (3)
- Foundations of Geometry, M 311 (3)
- Mathematics in Secondary Schools, M 490 (3)

Music
Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices:
- Production of Audio-Visual Materials, TE 356 (2)
- Secondary School Methods, TE 381 (3)
- (Music courses to be arranged)

Physical Education
Student Teaching No. 1 (6 credits) CCB No. 2

CCB Choices (8-9 credits)
- Production of Audio-Visual Materials, TE 356 (2)
- Techniques and Methods of Coaching
- Women’s Gymnastics (Co-ed) PE 336 (2)
- Psychology of Activity, PE 401 - (3)
- Organization and Administration of Interscholastic Athletics
  (Co-ed) PE 430 - (2)
- NOTE: Secondary School Methods TE 381 (3)
  is to be taken the semester preceding
  student teaching.

Sciences
Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices: (8 credits)
- Production of Audio-Visual Materials, TE-356 (2)
- Educational Psychology, P-325 (3)
- Secondary School Methods, TE-381 (3)

Social Science
Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices: (8-9 credits)
- Production of Audio-Visual Materials, TE 356 (2)
- Educational Psychology, P 325 (3)
- Speech Communication for Teachers, CM 311 (3)
- Secondary School Methods, TE 381 (3)
- History — The National Era, 1815-1848, HY-353 (3)

Placement
A Teacher Placement Service is maintained by the University
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.

Areas of Specialty
Students in education may select an area of specialty as a phase of the Elementary Education major or the Secondary Option in subject areas. Areas of specialty are: Elementary Education, Library Science, and Special Education. In some instances, students may need to extend the time sequence at

the University in order to complete a specialty. Planning for the specialties should begin prior to the Junior year.

Early Childhood Education
Students may enroll in a program that will provide for a specialty in Early Childhood Education. The Elementary Education major should plan the program with the assistance and approval of the advisor and the consultant in Early Childhood Education. Some courses may be included in both the Elementary Education sequence and the Early Childhood sequence. A minimum of 21 hours, as designated below, is required.

A. Required Courses (total of 17 credit hours)
1. TE-461 Child Behavior in Early Childhood Education - 3 credits.
2. TE-462 Curriculum in Early Childhood Education - 3 credits.
3. TE-464 Teaching and Organizational Strategies in Early Childhood Education. 3 credits.
4. TE-465 Creating Materials in Early Childhood Education. 3 credits.
5. Student must complete TE-472 Elementary Student Teaching at the Kindergarten level - 5 credits.

B. Elective Courses (minimum of 4 credit hours)
1. PE-357 Rhythms for Kindergarten, Special Education and Elementary Teachers - 2 credits.
2. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
3. TE-371 Guidance for the Classroom Teacher - 3 credits.
4. TE-391 Psychology of the Exceptional Child - 3 credits.
5. TE-392 Education of the Exceptional Child - 3 credits.
6. TE-430 The Diagnosis of Learning Disabilities - 3 credits.
7. TE-431 The Remediation of Learning Disabilities - 3 credits.
8. TE-440 Instructional Materials for the Exceptional Child - 3 credits.
9. TE-486 Independent Study - 3 credits.

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:
Special Education

Students may enroll in a planned program that will provide for interim (entry) certification in the areas of Learning Disabilities and Mental Retardation. The Elementary Education major, or the Secondary Option, should plan the program with the assistance of the advisor and the consultant in Special Education. Some course may be included in both the Elementary Education sequence and the Special Education sequence. A minimum of 21 hours, as designated herein, is required for each specialty.

A. Learning Disabilities

1. Required Courses (total of 17 credit hours)
   a. TE-391 Psychology of the Exceptional Child - 3 credits.
   b. TE-392 Education of the Exceptional Child - 3 credits.
   c. TE-430 The Diagnosis of Learning Disabilities - 3 credits.
   d. TE-431 The Remediation of Learning Disabilities - 3 credits.
   e. Students must complete TE-473, Elementary Student Teaching in Special Education in Learning Disabilities Classroom - 5 credits.

2. Elective Courses (minimum of 4 credit hours)
   b. TE-358 Corrective Reading in the Elementary School - 3 credits.
   c. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
   d. TE-371 Guidance for the Classroom Teacher - 3 credits.
   e. TE-440 Instructional Materials for the Exceptional Child - 3 credits.
   f. TE-450G Behavior Management Techniques - 3 credits.
   g. TE-462 Curriculum in Early Childhood Education - 3 credits.
   h. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.
   i. Independent Study - 3 credits.

B. Mental Retardation

1. Required Courses (total of 17 credit hours)
   a. TE-391 Psychology of the Exceptional Child - 3 credits.
   b. TE-392 Education of the Exceptional Child - 3 credits.
   c. TE-420 Curriculum for the Mentally Retarded Child - 3 credits.
   d. TE-421 Teaching Strategies for the Mentally Retarded Child - 3 credits.
   e. Students must complete TE-473, Elementary Student Teaching in Special Education in a Mental Retardation Classroom - 5 credits.

2. Elective Courses (minimum of 4 credits)
   a. PE-357 Rhythms for Kindergarten. Special Education and Elementary Education Teacher - 2 credits.
   b. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
   c. TE-358 Corrective Reading in the Elementary School - 3 credits.

SCHOOL OF EDUCATION

Physical Education

d. TE-371 Guidance for the Classroom Teacher - 3 credits.
e. TE-422 Curricular Programs for the Severely Handicapped - 3 credits.
f. TE-423G Teaching the Severely Handicapped - 3 credits.
g. TE-440 Instructional Material for the Exceptional Child - 3 credits.
h. TE-462 Curriculum in Early Childhood Education - 3 credits.
i. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.
j. Independent Study - 3 credits.

DEPARTMENT OF HEALTH PHYSICAL EDUCATION AND RECREATION

PHYSICAL EDUCATION

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

The Department of Health, Physical Education and Recreation offers a major in Physical Education with specialized options in Secondary Physical Education, Elementary Physical Education, Athletic Coaching, Athletic Training, Physical Education for the Exceptional Child, and Pre-Physical Therapy. Students who complete the major program in one of the options, except Pre-Physical Therapy, are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho. The Pre-Physical Therapy option is designed for those students who are interested in pursuing a physical therapy degree that does not require teacher certification. Physical Education Minors are offered in Elementary Physical Education and Athletic Coaching.

Facilities:

The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural program offered by the department and the recreation programs offered by the Student Union games area.

Elective Physical Education Activity Program:

EIGHT SEMESTER HOURS OF PHYSICAL EDUCATION ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

The elective physical education program at Boise State University has been designed with the needs of the student in mind. Emphasis is placed on instruction to meet the following objectives:

1. To develop the physical capacities that comprise the biological bases for physical fitness.
2. To improve skills in basic body mechanics, team and individual sports, and in rhythmic and creative activities.
3. To develop an understanding of self through movement experiences.
4. To acquire knowledge and understanding of the rules, courtesies, customs, strategies, and techniques of several sports.
5. To improve social competency and emotional stability through participation in sports activities.

The elective program includes beginning level activities, and intermediate level activities. No courses may be repeated for credit.
SCHOOL OF EDUCATION
Physical Education

Elective Activities Are:

Dance:
- International Folk Dance
- Modern Dance
- Recreational Dance
- Social Dance

Individual Sports:
- Archery
- Badminton
- Billiards
- Bowling
- Fencing
- Golf
- Gymnastics
- Handball & Court Games
- Skiing
- Tennis

Martial Arts:
- Defensive Tactics
- Judo
- Karate
- Self Defense

Outdoor Recreational Activities:
- Backpacking & Camping
- Fly Casting & Fly Tying
- Target & Trap Shooting
- Bicycle Touring

Physical Fitness Activities:
- Adaptive Physical Education
- Physical Fitness Activities
- Jogging
- Weight Training

Team Sports:
- Basketball
- Field Hockey
- Touch Football
- Rugby
- Soccer
- Softball
- Team Handball
- Track & Field
- Volleyball

Water Activities:
- Kayak & Canoeing
- Senior Life Saving
- Skin & Scuba Diving
- Spring Board Diving
- Swimming
- Water Polo
- Water Safety Instruction

* More than one level of instruction is offered in this activity.

REQUIREMENTS FOR PHYSICAL EDUCATION MAJOR

Bachelor of Science Degree

A student must complete the following requirements to receive a Baccalaureate degree in Secondary Physical Education:

1. The general University requirements for the Bachelor of Science Degree as listed in the BSU bulletin (page 18) with specific requirements in areas I, II, and/or III as determined by the physical education department.

2. The general graduation requirements of the School of Education and the certification requirements of the State Department of Education as listed in the BSU Bulletin (pages 100-102). Students selecting the Pre-physical Therapy option need not fulfill this option.

3. The requirements of the Physical Education Department:
   (a) The 28 credit core requirement
   (b) All other required courses listed in the option of the students choice.

PHYSICAL EDUCATION CORE REQUIREMENTS
(Required of all Physical Education Majors)

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>PE 100 Health Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 101 Introduction to Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>PE 105 First Aid</td>
<td>2</td>
</tr>
<tr>
<td>PE 145 Field Sports and Basic Movement (W)</td>
<td>2</td>
</tr>
<tr>
<td>or PE 147 Soccer, Speedball and Basic Movement (M)</td>
<td>2</td>
</tr>
<tr>
<td>or PE 146 Basketball, Tennis and Badminton (W)</td>
<td>2</td>
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SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>COURSE</th>
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</thead>
<tbody>
<tr>
<td>PE 230 Anatomical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 255 Evaluation in Physical Education</td>
<td>3</td>
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</table>

JUNIOR YEAR
(Upper Division Standing Required)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>PE 401 Psychology of Activity</td>
<td>3</td>
</tr>
<tr>
<td>PE 457 Organization &amp; Administration of Physical Education</td>
<td>3</td>
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</table>

SENIOR YEAR

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>PE 401 Psychology of Activity</td>
<td>3</td>
</tr>
<tr>
<td>PE 457 Organization &amp; Administration of Physical Education</td>
<td>3</td>
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PHYSICAL EDUCATION REQUIREMENTS

ATHLETIC TRAINER OPTION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>Physical Education Core Program</td>
<td>28</td>
</tr>
<tr>
<td>Coaching Methods</td>
<td>8</td>
</tr>
<tr>
<td>PE 228 Introduction to Athletic Injuries</td>
<td>2</td>
</tr>
<tr>
<td>PE 451 Adaptive &amp; Corrective Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 493 Internship in Physical Education (Athletic Training)</td>
<td>6</td>
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Total 49

PRE-PHYSICAL THERAPY OPTION

<table>
<thead>
<tr>
<th>COURSE</th>
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</thead>
<tbody>
<tr>
<td>Physical Education Core Program</td>
<td>28</td>
</tr>
<tr>
<td>Professional Activities Electives</td>
<td>2</td>
</tr>
<tr>
<td>PE 228 Introduction to Athletic Injuries</td>
<td>2</td>
</tr>
<tr>
<td>PE 311 Biomechanical Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 402 Athletic Training &amp; Sports Medicine</td>
<td>3</td>
</tr>
<tr>
<td>PE 451 Adaptive &amp; Corrective Physical Education</td>
<td>2</td>
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<tr>
<td>PE 493 Internship in Physical Education (Physical Therapy)</td>
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Total 47

SECONDARY PHYSICAL EDUCATION OPTION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<tbody>
<tr>
<td>Physical Education Core Program</td>
<td>28</td>
</tr>
<tr>
<td>Professional Activities Electives</td>
<td>5</td>
</tr>
<tr>
<td>PE 311 Biomechanical Kinesiology</td>
<td>2</td>
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<tr>
<td>PE 228 Introduction to Athletic Injuries</td>
<td>2</td>
</tr>
<tr>
<td>PE 451 Adaptive &amp; Corrective Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 361 Elementary School Physical Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>Coaching Methods Electives</td>
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Total 46
ELEMENTARY PHYSICAL EDUCATION MINOR

CREDITS

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<th>Course</th>
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<tbody>
<tr>
<td>PE 100 Health Education</td>
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<tr>
<td>PE 101 Introduction to Physical Education</td>
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<tr>
<td>PE 105 First Aid</td>
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</tr>
<tr>
<td>PE 145 Professional Activities (Women)</td>
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</tr>
<tr>
<td>PE 147 Professional Activities (Men)</td>
<td>2</td>
</tr>
<tr>
<td>PE 148 Professional Activities (Men)</td>
<td>2</td>
</tr>
<tr>
<td>PE 245 Professional Activities (Women)</td>
<td>2</td>
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<tr>
<td>Activities Electives (Men)</td>
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<tr>
<td>PE 163 Basketball (Women)</td>
<td>1</td>
</tr>
<tr>
<td>PE 165 Volleyball (Women)</td>
<td>1</td>
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<tr>
<td>PE 202 Principles of Physical Education</td>
<td>2</td>
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<tr>
<td>PE 228 Introduction to Athletic Injuries</td>
<td>2</td>
</tr>
<tr>
<td>PE 230 Anatomical Kinesiology</td>
<td>2</td>
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<tr>
<td>PE 230 Anatomical Kinesiology*</td>
<td>2</td>
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<tr>
<td>PE 310 Physiological Kinesiology</td>
<td>2</td>
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<tr>
<td>PE 357 Dance for Children</td>
<td>2</td>
</tr>
<tr>
<td>PE 361 Elementary School Physical Education Methods</td>
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<tr>
<td>PE 451 Adaptive &amp; Corrective Physical Education Coaching Methods</td>
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Total: 33

ATHLETIC COACHING MINOR

CREDITS

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<tbody>
<tr>
<td>PE 100 Health Education</td>
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<tr>
<td>PE 101 Introduction to Physical Education</td>
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</tr>
<tr>
<td>PE 105 First Aid</td>
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Total: 33

SCHOOL OF EDUCATION

Psychology

CREDITS

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>PE 145 Professional Activities (Women)</td>
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</tr>
<tr>
<td>PE 147 Professional Activities (Men)</td>
<td>2</td>
</tr>
<tr>
<td>PE 228 Introduction to Athletic Injuries</td>
<td>2</td>
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<tr>
<td>PE 230 Anatomical Kinesiology</td>
<td>2</td>
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<tr>
<td>PE 234 Secondary School Physical Education Methods</td>
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</tr>
<tr>
<td>PE 2310 Physiological Kinesiology</td>
<td>2</td>
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<tr>
<td>PE 2302 Principles of Physical Education</td>
<td>2</td>
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<tr>
<td>PE 241 Psychology of Activity</td>
<td>3</td>
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<tr>
<td>PE 2406 Organization and Administration of Athletics</td>
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<tr>
<td>PE 2493 Internship in Physical Education (Coaching)</td>
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</table>

Total: 32

DEPARTMENT OF PSYCHOLOGY

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 he should not regard successful completion of that program as a preparation to perform psychological services. 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.

Any student who is planning a career in counseling in the schools should major either in Elementary Education or in some subject-matter area that includes a Secondary Education Option. Psychology courses often are explicitly prescribed parts of such program; additional courses may be taken as electives.

Every psychology major must sit for the Graduate Record Examination (both "Aptitude" and "Advanced") at some time during his senior year and have the results sent to the Department.

REQUIREMENTS FOR PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science

CREDITS

<table>
<thead>
<tr>
<th>Area I</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1. Area I</td>
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<tr>
<td>English Composition</td>
<td>3-6</td>
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<tr>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td>Second Area I field</td>
<td>3</td>
</tr>
<tr>
<td>Third Area I field</td>
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</tr>
<tr>
<td>Any Area I field</td>
<td>3</td>
</tr>
<tr>
<td>2. Area II</td>
<td>15</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
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<tr>
<td>General Psychology, P-101</td>
<td>3</td>
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<tr>
<td>Physiological Psychology, P-225</td>
<td>3</td>
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<tr>
<td>Intro to Practice of Psych, P-201</td>
<td>3</td>
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<tr>
<td>Third Area II field</td>
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<tr>
<td>3. Area III</td>
<td>18</td>
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<tr>
<td>Mathematics for the Life Science, M-115-116</td>
<td>10</td>
</tr>
<tr>
<td>Human Physiology and Anatomy, Z-11-112</td>
<td>8</td>
</tr>
</tbody>
</table>

Total: 107
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

Electives in psychology 9

B. Upper Division Electives 15

III. Free electives (37-40 credits)

NOTE: Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.

* excluding performance courses
** including performance courses

(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>* English Comp. E-101, 102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>* Intro to Art, Drama, Music or Humanities</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>* Human Physiol and Anat, Z-111-112</td>
<td>4</td>
<td>4</td>
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<tr>
<td>History of Western Civ, H-101 and H-102</td>
<td>3</td>
<td>3</td>
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<tr>
<td>* General Psychology, P-101</td>
<td>3</td>
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Electives 4 | 3 |

Total 18 | 17 |

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
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<tr>
<td>* Math for Life Sciences, M-115, 116</td>
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<td>5</td>
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<tr>
<td>Physical and Cultural Anthropology, AN-201, 202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>* Physiological Psych, P-225</td>
<td>3</td>
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<tr>
<td>* Intro to Practice of Psych., P-201</td>
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Elective(s) 4 | 3 |

Total 15 | 15 |

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<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>* Statistical Methods, P-305</td>
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Electives 9 | 3 |

Total 15 | 15 |

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Electives 3 | 9 |

Total 15 | 15 |

* Specifically required.

**COURSES**

**PE PHYSICAL EDUCATION**

100 Health Education (Coed) (3 credits). Health education covers a wide variety of subjects, as nutrition, diseases, health needs and services, drugs, family living and personality structure and development. The major objective of this class is aiding student adjustment towards effectively functioning in a changing environment.

101 Introduction to Physical Education (Coed) (1 credit). Required of all prospective Physical Education Majors. An orientation course designed to give the prospective physical education teacher an understanding of what is involved in the profession: duties of physical educators, professional preparation, service rendered by physical educators, employment opportunities, certification requirements. Prerequisite: None. First semester.

102 Kayaking and Canoeing (Coed) (1 credit). The basic Kayaking and Canoeing course is designed primarily to cover the principles of safety, self rescue using this type of small craft. The objective of the course is to teach safe handling skills, self rescue techniques, skills to use in helping others or rescuing others who are in trouble and ways to apply the basic skills interestingly and safely. Prerequisite: Candidates must have sufficient swimming skills to maintain himself in the water 10 minutes comfortably. Must be able to jump into deep water fully clothed and float, tread water safety for a period of 10 minutes. Unqualified people are not encouraged to enter the program. Either semester.

103 Introduction to Recreation (Coed) (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. Spring semester. Prerequisite: None.

104 Target and Trap Shooting (Coed) (1 credit). Fundamental skills of air rifle and shotgun shooting. Sightseeing practices, gun parts, care of equipment and safety are stressed. Shotgun trap loading will also be taught. Students will furnish their own shotgun and trap range fees. Either semester.

105 First Aid (Coed) (2 credits). Immediate and temporary care for a wide variety of injuries and illnesses: control of bleeding, care of poisoning, and proper methods of transportation, splinting and bandaging. Successful completion of course leads to Red Cross standard certificate. Required of all PE majors. Each semester.

108 Adaptive Physical Education (Coed) (1 credit). A fundamental body mechanics, posture and corrective exercise program designed to offer assistance to men and women who, for various reasons, are unable to participate in a regularly scheduled activity class. Students may be referred into the adaptive class from either the P.E. Major or consent of instructor. Spring semester. Either semester.

110 Team Handball (M) (1 credit). The course consists of participation in the team sport of team handball. Emphasis will be placed on the natural skills of running, jumping, throwing, and catching. Basic offensive and defensive strategy and rules of the game will be taught. Either semester.

112 Billiards (Coed) (1 credit). The course is designed especially for the beginner in the art of playing pocket billiards. It will include complete instruction for the beginners in basic fundamentals as selection of cue, grip, stroke, and bridge. Rule of play and playing strategy will also be taught. Either semester.

130 Water Polo (M) (1 credit). Designed to teach the skills strategy and rules of water polo. Prerequisite: adequate swimming skills. Either 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: Pass a swimming skill test. 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 own Gi. Each semester.

136 Fly Casting and Tieing (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.

145 Basic Movement and Field Sports (WI) (2 credits). For professional students. Instruction and practice. Basic movements, field sports. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors) Fall semester.

146 Basketball, Tennis and Badminton (WI) (2 credits). For professional students. Instruction and practice. Basketball, tennis and badminton. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors) Fall semester.

147 Basic Movement, Soccer and Speedball (MI) (2 credits). For professional students. Instruction and practice. Basic movement, soccer and speedball. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors) Fall semester.

148 Basketball, Track and Field (MI) (2 credits). For professional students. Instruction and practice. Basketball, track and field. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors) Spring semester.
182 Beginning Swimming (W) (1 credit). Basic water safety, skills and knowledge; floating, bobbing, diving, rhythmic breathing, treading water, and an introduction to the crawl, sidestroke, 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, including maneuver presentation at football and basketball games. One hour daily. By instructor’s permission. Each semester.

161 Beginning Badminton (Coed) (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.

166 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 (1 credit). Includes Football, Basketball, Wrestling, Baseball, Track, Cross Country, Tennis, Golf, Gymnastics, Field Hockey and Softball.

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, zone, and rebounding will also be explained. Either semester.

169 Beginning Basketball (W) (1 credit). A course for the student who has never played basketball and includes basic skills, strategies, and rules. 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. Fall semester.

172 Softball (W) (1 credit). The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring 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.

178 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. Fall semester.

179 Rugby (M) (1 credit). Introductory course to provide skills, rules and team play for the beginner. Fall semester.

180 Beginning Archery (Coed) (1 credit). The course is designed for the beginning archery student to provide instruction in the fundamental techniques of archery. Fall semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

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. Spring 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.

194 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, circle, and basic social dances. Each semester.

185 Physical Fitness Activities (W) (1 credit). Sequential and progressive exercises, activities for general fitness that involves strengthening, stretching, 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, fox trot, rumba, tango, lindy, and various novelty dances. Either semester.

189 International Folk 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 on the lane, including handicaps and score keeping. Each semester. Bowling fee approximately $10.00.

191 Alpine Skiing (Coed) (1 credit). An introduction to the various techniques of skiing. Students will pay an instruction fee and lift fee at Bogus Basin. Students will furnish their equipment. Spring semester.

192 Defensive Tactics (Coed) (1 credit). The course consists of physical defense application or more persons, physical arrest; control and subdue by application of techniques, principles, and concepts of defense and protection. Individual and group tactics. Prerequisite: Sophomore standing. Each semester.

193 Touch Football (M) (1 credit). A class designed to teach technique and skills of touch football. With special emphasis on training procedures. Students will be introduced to a variety of playing activities where old and new skills can be used. Fall semester.

202 Principles of Physical Education (Coed) (2 credits). Course content consists of philosophy of physical education, physical education roles in general education, changing concepts of physical education, history and principles of physical education. Sophomore year. Prerequisite: Introduction to Physical Education PE 101. Each semester.

208 Beginning Gymnastics (M) (1 credit). This course is designed for the beginning student to provide instruction in the techniques of gymnastics. The student will also be acquainted with spotting and safety techniques. 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.

215 Introduction to Athletic Injuries (Coed) (2 credits). An introduction to Athletic training, care prevention, and rehabilitation. The role of the Athletic Trainer, qualifications and responsibilities, all they relate to physical education and athletics: Control and care of injuries. Prerequisite: Sophomore year or instructor’s permission. Either semester.

230 Anatomical Kinesiology (Coed) (2 credits). An overview of the structure and motion capabilities of the human musculoskeletal system. Emphasis will be placed on the analysis of movement through the study of individual muscles, muscle groups, muscles as a means of transmitting force to levers and surface anatomy. Prerequisite: Human Anatomy. Either semester.

233 Advanced Modern Dance (Coed) (1 credit). Continuing technique study encompassing body flexibility, balance, coordination, and movement control leading to dance choreography and production work. Prerequisite: PE 133. Modern Dance or Instructor’s permission. Either semester.

235 Advanced Karate (Coed) (1 credit). This course provides for continuation of the techniques learned in Beginning Karate. Instruction will be given in the art of Karate. Participants will be encouraged to seek degrees of rank. Prerequisite: PE 135. Beginning Karate or Instructor’s permission. Either semester.

246 Track and Field, Trampoline and Gymnastics (W) (2 credits). For professional students. Instruction and practice. Track and field, trampoline and gymnastics. Fall semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

246 Volleyball, Archery, Golf and Bowling (W) (2 credits). For professional students. Instruction and practice. Volleyball, Archery, Golf, and Bowling. Spring semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

247 Intermediate Badminton and Volleyball (M) (2 credits). For professional students. Instruction and practice. Tennis, badminton and volleyball. Fall semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

248 Trampoline, Gymnastics, Archery, Golf and Bowling (M) (2 credits). For professional students. Instruction and practice. Trampoline and gymnastics, archery, golf and bowling. Spring semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

253 Beginning Gymnastics (W) (1 credit). The course covers basic skills for women on the trampoline, uneven parallel bars, balance beam, sidebar, and in tumbling. Each semester.

256 Evaluation in Physical Education (Coed) (3 credits). Review of basic mathematical concepts as related to statistical analysis, philosophy of evaluation, construction, administration, and interpretation of tests as related to physical education. Prerequisite: Sophomore standing. 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. Either 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. Spring semester.
the student with the organization and administration of intramural programs. In-
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303 Intramurals and Sports Officiating (Coed) (2 credits). Designed to acquaint
health problems with emphasis on implications for family life. mental health. ~is-
306 Personal and Public Health Problems (Coed). (3 credits). Study of personal
development: methods of instruction in Physical Education. The purposes and re-
311 Biomechnical Kinesiology (Coed) (2 credits). The application of the principles
of instruction at the primary and intermediate grades. Prerequisite: Junior standing or

276 Intermediate Field Hockey (W) (1 credit). The course consists of participation in
10, position play. strategy, and development of team play. Prerequisite: Playing experience or
278 Intermediate Gymnastics (M) (1 credit). This course is designed for those students who have completed the beginning gymnastics course or who feel they are beyond the basic beginning stages of gymnastics. This course will have a specific goal of teaching the student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or instructor’s permission. Either semester.

Courses, PE

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276 Advanced Field Hockey (W) (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.

283 Water Safety Instructor’s Course (Coed) (1 credit). A review of advanced life

290 Intermediate Archery (Coed) (1 credit). This course is designed for the experienced archer, who has a working 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.

282 Senior Lifesaving (Coed) (1 credit). This ARC swimming course includes: personal safety, self-rescue skills, and rescue training. Prerequisite: Sound physical condition and ability to pass a preliminary swimming test. Each semester.

285 Intermediate Golf (Coed) (1 credit). This course is a continuation of beginning golf. The course 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 fundamental skills 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.

Upper Division

303 Intramurals and Sports Officiating (Coed) (2 credits). Designed to acquaint

304 Methods for Teaching Physical Education (Coed). (2 credits). Program
development; methods of instruction in Physical Education. The purposes and re-

305 Personal and Public Health Problems (Coed) (3 credits). Study of personal

310 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and

311 Biomechanical Kinesiology (Coed) (2 credits). The application of the principles

319 Techniques and Methods of Coaching Football (2 credits). Details of teaching

320 Techniques and Methods of Coaching Wrestling (2 credits). Offense and defense

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). Team leadership

327 Techniques and Methods of Coaching Track and Field (2 credits). The theory

336 Techniques and Methods of Coaching Women’s Gymnastics (Coed) (2 credits)

110

269 Intermediate Tennis (Coed) (1 credit). Review of basic fundamentals followed by

273 Intermediate Gymnastics (W) (1 credit). Review of beginning and development of

276 Intermediate Field Hockey (W) (1 credit). The course consists of participation in

277 Weight Training (M) (1 credit). Techniques and skills for individual fitness with

278 Intermediate Gymnastics (M) (1 credit). This course is designed for those students who have completed the beginning gymnastics course or who feel they are beyond the basic beginning stages of gymnastics. This course will have a specific goal of teaching the student to develop the skill required in progressing from simple stunts to basic routines. 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 working 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.

281 Intermediate Swimming (Coed) (1 credit). A review of basic skills and strokes, plus optional strokes, appropriate self-rescue skills, games, diving, and contests. Each semester.

282 Senior Lifesaving (Coed) (1 credit). This ARC swimming course includes: personal safety, self-rescue skills, and rescue training. Prerequisite: Sound physical condition and ability to pass a preliminary swimming test. Each semester.

283 Water Safety Instructor’s Course (Coed) (1 credit). A review of advanced life

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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 bow practice with electrical equipment; introduction of competitive fencing including judging and directing skills. Prerequisite: Instructor’s permission or beginning fencing. 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 will be discussed. Advanced techniques and technical information. Prerequisite: Instructor’s permission. Each semester. Bowling fee approximately $10.00.

324 Techniques and Methods of Coaching Baseball (2 credits). Team leadership

327 Techniques and Methods of Coaching Track and Field (2 credits). The theory

336 Techniques and Methods of Coaching Women’s Gymnastics (Coed) (2 credits)

401 Psychology of Activity (Co) (3 credits). Concepts of learning, value

402 Athletic Training and Sports Medicine (Coed) (3 credits). The course presents

425 Problems in Teaching Physical Education (Coed) (2 credits). CBIII. A course for

430 Organization and Administration of Interscholastic Athletics (Co) (2 credits).

451 Adaptive and Corrective Physical Education (Coed). (2 credits). Survey of common
deviation of posture, functional disturbances, and crippling conditions found in

471 Techniques and Methods for Coaching Women’s Volleyball and Field Sports (2 credits). The course is designed for those students who wish to instruct the organization and administration of intramural programs. Includes sports and intramural officiating. Either semester.

472 Methods for Teaching Physical Education (Coed). (2 credits). Program
development; methods of instruction in Physical Education. The purposes and re-

475 Organization and Administration of Physical Education (Coed) (3 credits). Students & e.g. test anxiety and poor study habits & development of all levels of self-esteem. Prerequisites: PE 422. Curricula programs for the Severely Handicapped and/or graduate status. Spring semester.

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PSYCHOLOGY

Lower Division

101 General Psychology (3 credits). An introductory course in psychology and a prerequisite to most other psychology courses. Theory and terminology are major concerns in the treatment of such topics as the history of psychology, growth and development, the nervous system, learning, thinking, individual personality and adjustment. Recommended (not required) preparation: One year of college level English science. Each semester.

201 Intro to Practice of Psychology (3 credits). An exposure to psychology as it is actually applied and practiced 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. Spring 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 Psychology P 312. Either semester. Not offered 1977-78.

226 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 and B 107 Human Physiology and Anatomy, and consent of instructor. Fall semester.

Upper Division

(NOTE: Upper-division psychology courses are saved for upper-division students.)

301 Abnormal Psychology (3 credits). A descriptive approach to the etiological development of personality and behavioral disorders, together with a review of current preventive and remedial practices. Prerequisite: General Psychology 101. Each semester.

306 Statistical Methods (3 credits). Statistical concepts and methods commonly used in treatment of data in the Social Sciences. Topics covered will 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. Students may not earn credits in this course and in Human Growth and Development P 210. Prerequisite General Psychology 101. Each semester.

326 Educational Psychology (3 credits). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Each semester.

311 Child Psychology (3 credits). Study of development and adjustment from conception to adulthood. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Students may not earn credits in this course and in Human Growth and Development P 210. Prerequisite: General Psychology 101. Each 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. Each semester.


341 Perception (3 credits). A survey of the basic concepts in the psychology of perception, including an introduction of the findings of recent basic research on the receptor processes. Prerequisite: General Psychology 101. Spring semester.

351 Personality (3 credits). A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Fall semester.


401 Senior Review Practicum (3 credits). A systematic coverage of the general principles and essential details of psychology and an opportunity to teach them to other students. Summer discussions of problems related to the materials covered. Practical experience in managing large classes and especially in rendering academic assistance to beginning students. Prerequisites: 30 hours per week. Prerequisites: Senior or second-senior junior standing in psychology with an upper division GPA above 3.0. Plus selection by the Department. Each semester.

405 Advanced Statistical Methods (3 credits). Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced analysis of variance, linear and nonlinear regression analysis, multiple correlation and regression analysis, and factorial design techniques and applications. Other topics include multiple correlation techniques, analysis of covariance, nonparametric tests, and computer applications in the field of statistics. Prerequisite: General Psychology 101. Statistical Methods P 305. Each semester.

421 Psychological Measurement (3 credits). An introduction to the theory and nature of psychological measurement and a survey of types of psychological tests currently used. Prerequisite: General Psychology 101. Mathematics of the Life Sciences M 115-116 and Statistical Methods P 305. Fall semester.

431 Social Psychology (3 credits). Social factors affecting individual behavior; formation and change of attitudes, social and cultural effects on individual cognition; effects of leadership on members of groups and organizations. This course may be taken for Psychology or Sociology credit but not for both. Prerequisites: General Psychology 101 and Statistical Methods P 305. Each semester. Not offered 1977-78.


441 Learning (3 credits). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: Conditioning, role learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101. Mathematics of the Life Sciences M 115-116. Statistical Methods P 305. Experimental Psychology P 321 may be taken before or concurrently with Learning. Fall semester.

461 Psychological Systems (3 credits). Theories and controversies of the past and present. Prerequisite: Senior standing in Psychology. Spring semester.

498 Senior Thesis (3 credits). An individual research project in psychology. The project is selected by the student, and his proposal must be approved by the instructor before he may enroll. Recommendation by the thesis advisor is required. Not offered 1977-78.

Graduate

503 Individual Testing Practicum (3 credits). Emphasis in this course will be on the techniques and procedures of administering and interpreting current standardized achievement and 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 M 115-116, Statistical Methods P 305, and Psychological Measurement P 421. Open to qualified seniors with consent of instructor. Limited enrollment. Spring semester, alternate years. Not offered 1977-78.

TEACHER EDUCATION

Lower Division

108 Efficient Reading and Effective Study Skills (2 credits). This course is designed to develop the reading and study skills of the college student. Standardized achievement tests are organized study techniques, taking examinations, vocabulary building, comprehension of reading material, gaining the main ideas of paragraphs, how to use the library, rapid and flexible reading. Many test-taking techniques and methods are employed, including multimedia techniques, to aid student development.

171 Early School Experience (1 credit). An experience in an elementary classroom involving observation and assistance to the teacher. Requires a minimum of 20 hours in the classroom and periodic seminars with a university instructor. Program is coordinated by the Department of Teacher Education and Library Science. Required of all elementary education majors. Each semester. Prerequisite to TE 201. Foundations of Education.

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 afterwards is contingent upon meeting certain requirements specified in this course. Each semester.

205 An Inquiry into Approaches to Reading (3 credits). Each semester. The course is designed to develop an understanding of the reading process and the nature of reading. May be taken by students interested in a career in teaching. The course includes a review of a wide selection of media from the Reading Education Center and the Curriculum Resource Center. Also included is the observation of the use of materials and media in classroom situations.

271 Teacher Aide Practicum (2 credits). A part of the total in school preparation of teachers, this sophomore level course provides an opportunity for students to become familiar with practical problems of school teaching. Includes a two-hour orientation, seminars with a university supervisor and approximately 24 hours of direct "aiding" experience in a cooperative elementary school classroom. Assignments to classrooms and scheduling of teacher aiding hours are arranged in cooperation with participating schools. Periodic seminars and evaluations are arranged by the university supervisor.

Upper Division

356 Production of Audio Visual Materials (2 credits). Motion pictures, graphic materials, filmsstrips, 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. Each semester.

359 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. The student tutor a pupil assigned from the Reading Education Center for approximately 20 sessions.

371 Guidance for the Classroom Teacher (3 credits). A study of the guidance activities normally carried on by the classroom teacher.

381 Secondary School Methods (3 credits). A study of the overall program and objectives of the secondary program 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.
Elementary Curriculum and Methods with an emphasis upon social studies, science.

Elementary Curriculum and Methods. TO. 451. To be taken concurrently with Student Teaching 471. Fall semester.


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. Spring and Summer semesters.

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 semesters.

395 General Safety Education (3 credits). This course is designed to provide a comprehensive survey of general safety education as it applied to all fields but especially to the public schools. Topics include the study of accidents and their prevention, safety and accident prevention and the school's role relative to safety problems with other public and private agencies. Prerequisite: Upper division standing.

410 Elementary School Media (1 credit). First semester of two semesters. First semester is an emphasis upon media production for the elementary teacher and has basic experiences in the areas of illustration, presentation, instructional materials, in addition to production in the operation of audio-visual equipment commonly found in the elementary classroom. Fall semester.

411 Elementary School Media (1 credit). The second semester of Elementary School Media, is designed to give elementary teachers' experience in the production and utilization of instructional material and audio-visual equipment. More advanced skills are taught in the areas of illustration, preservation, lettering, coloring, and photography. Spring semester.

420 Curriculum for the Mentally Retarded (3 credits). A study of the specific curriculum needs of the mentally retarded and the methods and adaptations necessary in the education of the student. A basic course in the development of the curriculum for the mentally retarded and the teacher's influence in its implementation. Fall semester.

421 Teaching Strategies for the Mentally Retarded (3 credits). Survey and identification of teaching methods utilized in classroom teaching of all levels of retardation. Spring semester.

422 Curricular Programs for the Severely Handicapped (3 credits). This course is designed to acquaint the student with identification of the severely handicapped student and this education of the student. Emphasis is given to the development of curriculum and instructional methods for this type of student, who in all probability will not be found in the regular school classroom. Such areas as severe mental retardation, multiple handicaps, and the severely emotionally disturbed will provide the basic exceptionalities for this course. Prerequisite: TE. 391 Psychology of the Exceptional Child or TE. 392 Education of the Exceptional Child. Fall semester.

4230 Teaching the Severely Handicapped (3 credits). The course is designed to aid participants in the use of techniques in teaching the severely handicapped. Updating of information and skills relative to research in this area will be given high priority. Students will be required to read recent literature, participate in classroom activity and do a project in their own curricula. Prerequisite: Successful completion of TE. 422. Curricular Programs for the Severely Handicapped and/or graduate status. Spring semester.

430 The Diagnosis of Learning Disabilities (3 credits). The course will assist teachers in diagnosing learning disabilities and in preparation of teaching experiences for assisting or overcoming the disabilities. Fall semester.

431 Remediation of Learning Disabilities (3 credits). Emphasis is placed on the recognition and development of the prescriptive educational needs of the student with learning disabilities. The course provides the teacher with tools for preparation of the remedial program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE. 430 or consent of the instructor.

440 Instructional Materials for the Exceptional Child (3 credits). Opportunities for the planning, use and evaluation of instructional materials for specific exceptionalities will be the format of this course. Students will develop procedures to the utilization of the exceptional child will use in the classroom activities to regard to the materials available. The Associate Special Education Instructional Materials Center, and other resources will provide the materials and equipment for the course. Either semester.

450G Behavior Intervention Techniques (3 credits). This course is designed for teachers, counselors, and administrators to gain understanding of the principles of behavior and the application of behavioral analysis procedures. The major emphasis will be on the Utilization Theory Model and Intervention Strategy to deal with children in classroom and the relationship of their behavior to the environment. Prerequisite:

451 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 Psychology. To be taken concurrently with Student Teaching 471. Fall semester.

452 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. 451. To be taken concurrently with Student Teaching TE. 472. Spring semester.

461 Child Behavior in Early Childhood Education (3 credits). Various approaches of working with behavior of children is explored. Areas include reinforcement, behavior modification, the application of the psychological principles of Dr. Peace and others. Emphasis will be placed on individual differences in children with practical suggestions of how for implementing special techniques. Spring semester.

462 Curriculum in Early Childhood Education (3 credits). All areas of the curriculum will be explored. Various early childhood curricula from national programs will be examined. The processes and materials for intellectual and language development examined and utilized. Fall semester.

464 Teaching and Organizational Strategies in Early Childhood Education (0 credits). Laboratory. Prerequisites: Instructional materials, software and hardware individualization of instruction, small and large group instruction and manipulatives will be covered. The use of aids, parents, and other community resources in the classroom will be discussed. Spring semester. Prerequisite: Consent of the instructor. Spring semester.

471 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching. Spring semester.

472 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisite: TE. 391 Psycholohy of the Exceptional Child. Fall semester. Prerequisite: Consent of the Instructor. Spring semester.

473 Elementary Student Teaching in Special Education (5 credits). Observation and supervised teaching in special education, either in learning disabilities or mental retardation. Prerequisite: Required course work in special education and approval for placement in a special education classroom.

474 Secondary Student Teaching (6 credits). Supervised student teaching in a secondary school. Prerequisites: (1) Admission to the School of Education. Completion of Secondary Methods. (2) A special methods course in the teaching area with a minimum grade of "C". Senior standing. GPA of 2.25 in major field, minor field, and education courses. A cumulative GPA 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 Coordinator of Field Services by March 1 of the Junior year. Each semester.

475 Special Education Techniques-Pacticum (4 credits). Provides the student with an opportunity to experience specific educational programming and learning sequences related to their interest in special education. In-depth field study of the exceptional child will be conducted by participants in gaining greater knowledge related to evaluation, prescription, and teaching in the classroom. Either semester. Prerequisite: Consent of the Instructor.

498 Senior Seminar—Elementary Education (2 credits). Fall semester.

499 Senior Seminar—Elementary Education (2 credits). Spring semester. A seminar designed to assist prospective elementary teachers in effectively dealing with key problems associated with achieving-proficiency into the teaching profession. Required each semester concurrent with Elementary Student Teaching. This course provides in-depth consideration of (1) interpersonal communication, (2) ethical behavior, (3) use of special resources, (4) role of professional associations, and (5) the classroom teacher in teaching. Consideration is accomplished through intensive workshops and small group exchange seminar meetings with the University clinical professors.

LS LIBRARY SCIENCE

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 freshman, sophomores and new students. Recommended for education majors. Fall semester.

102 Basic Library Skills (1 credit). An independent, self-paced, self directed course in book skills including resources available in academic libraries in general and to facilities in the Boise State University Library in particular. The course is designed for incoming students who are not familiar with an academic library, and for returning students who have had difficulty using the library and are still not familiar with techniques and resources given but conferences may be held. All assignments must be satisfactorily completed to receive credit. (credit, no credit basis).

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 institutional program. First semester.

311 Reference and Bibliography (3 credits). Introduction to the principles and techniques of reference work. The emphasis is placed upon sources, methods, indexes, and bibliographies found in school and small public libraries. Fall semester.

M A S T E R O F A R T S I N E L E M E N T A R Y E D U C A T I O N

General Requirements

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who have some professional relationship to elementary education. Candidates must show promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program for which they apply.

Applicants for regular status in the program must have maintained a grade point average of at least 3.00 for the last two years of undergraduate study, or an overall grade point average of 2.75. Provisional status may be granted to an applicant not meeting the listed requirements.

The name of the faculty member who will serve as chairperson of the candidate's committee is listed in the letter of acceptance to the applicant. Candidates should contact the assigned committee chairperson (advisor) as soon as possible in order to plan a program. Credits taken prior to such planning are sub-advised.

Program Requirements

The Elementary Education graduate program will consist of a minimum of 30 semester hours of credit and allocated as follows:

- Required of all candidates - Core program . 9 credits
- Required of all candidates - Thesis/Project . 3 credits
- Selected electives and/or specific requirements . 12 credits
- Open electives . 6 credits
- Total 30 credits

A maximum of 9 semester graduate credits may be accepted from other graduate schools upon approval of the chairperson of the candidate's committee and the Dean of the School of Education.

Six semester hours of credit will be open for selection in any area of the University's course offerings that will enable the candidate to strengthen a competency in elementary instruction. The candidate, in cooperation with the advisor, will choose courses which will meet the individual needs as a teacher. Specific courses are listed within each area of emphasis.

Areas of Emphasis

The candidate selects one of three areas of emphasis:

1. Curriculum and Instruction

A program is planned for the person who desires to continue as a generalist in Education. A broad curriculum rather than a specialty is emphasized.

2. Reading

The program is planned for the person who desires to specialize in Reading Education.

3. Content Enrichment

The programs are planned for persons interested in subject area specialties such as Art, Mathematics, and Music. The committee chairperson has information regarding approved subject areas.

4. Special Education

Programs are planned for persons interested in the areas of Learning Disabilities or Mental Retardation.

COURSES

Required of All Candidates

I. Core program of 9 credit hours, consisting of TE-570-571, TE 563 and two 1-credit hour classes, is required of each candidate. Courses are as follows:

- TE-570-571 Comprehensive Core for Elementary Education (total of 6 credits)
- TE-563 Conflicting Values Influencing Education (1 credit)
- TE-569 Research Methods in Education (3 credits)

II. Two 1-credit hour classes from the following list:

- TE-565 Interpreting Education Research (1 credit)
- TE-566 Learning Theory and Classroom Instruction (1 credit)
- TE-567 Teaching Subject Content Through Reading (1 credit)
- TE-568 Techniques of Classroom Management (1 credit)
- TE-569 Testing and Grading (1 credit)

III. A Thesis/Project, as mutually agreed upon by the candidate and the committee, is required of each candidate. Selection of a thesis implies a research emphasis with a thesis format. Selection of a project implies a project directly related to instruction or some other aspect of the elementary program.


CURRICULUM AND INSTRUCTION

(Courses and Requirements)

Curriculum in Education - Courses and Requirements

Twelve semester hours of credit must be chosen from courses in this elective area. At least one course must be selected from Cluster I and from Cluster II.

Cluster I (Choose at least one course)

- TE-501 Advanced Practices and Principles in Teaching Reading (3 credits)
- 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. Fall semester.
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 methodologies in the development of number experiences, desirable teaching procedures, use of materials, and research findings in mathematics. Spring semester.

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. Summer.

TE-513 Advanced Practices and Principles in Teaching Elementary Science (3 credits). Current practices and methods in modern elementary science concepts will be developed. Particular reference will be made to selecting and organizing content and experimental activities. Fall semester.

Cluster II (Choose at least one course)

TE-506 Individual Tests and Measurements (3 credits). An intensive investigation is pursued in the field of individual testng, measurement and evaluation. Each semester.

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 in the major emphasis of this course. Fall semester.

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. Summer, every other year.

TE-517 Development of Skills for Teaching the Mentally Retarded (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with mentally retarded pupils will be studied. Spring semester.

P-501 Counseling and Guidance in the Elementary Classroom (3 credits). A study of counseling and guidance techniques for the elementary school. Attention is given to the study and application of basic guidance services as related to the regular and special education programs. Prerequisite: P-101. General Psychology. Each semester and summer.

P-502 Advanced Educational Psychology (3 credits). A study of contemporary issues involving both theoretical and methodological considerations in the history and systems of educational psychology will be given. Special emphasis will be given to group behavior in terms of principles relevant to educational objectives. Prerequisite: P-101 General Psychology. Fall, every other year.

P-503 Individual Testing Practicum (3 credits). Emphasis in the course will be 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 115-116, Statistics P 305 and Psychological Measurement P 421. Open to qualified seniors with consent of instructor. Limited enrollment. Spring semester.

P-504 Analysis of the Individual (3 credits). A study of techniques used in analyzing the individual with emphasis on the elementary level. The course includes observational methods, recording behavior, behavioral analysis, interviewing and use of test information. Prerequisite: P 101 General Psychology. Spring semester.

P-505 Personality Development (3 credits). Critical consideration of the main personality theories, particularly those which emphasize current concepts regarding learning, perception and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P-101 General Psychology. Fall semester.


Additional Elective Courses

TE-502 Diagnosis of Reading Problems (3 credits). (See Reading emphasis for course description). Fall semester and Summer.

TE-503 Remediation of Reading Problems (3 credits). (See Reading emphasis for course description). Spring semester and Summer.

TE-518 Techniques for Creative Writing in Elementary Schools (3 credits). Methods and techniques for encouraging creative writing in the elementary school. Spring semester.

TE-519 Advanced Children's Literature (3 credits). A presentation of the latest in children's literature for use in the elementary school will be made. Special emphasis upon children's poetry will be included. Spring semester.

TE-520 Educational Media (3 credits). This course will acquaint the elementary classroom teacher with the latest educational media available for use. Evaluation of the materials in a media center will be studied. Emphasis upon the use of a curriculum resource center in the local school system will be made. Summer. every other year.

TE-521 Elementary Physical Education Activities (3 credits). Methods and techniques for classroom and playground activities for physical education curriculum development will be studied. Emphasis upon corrective physical education procedures will be given. Summer. every other year.

TE-522 Individualization of Reading Instruction (3 credits). Emphasis upon the individualized approach to reading education. Fall semester.
MAJOR OF ARTS/SCIENCE IN SECONDARY EDUCATION

General Information

A Master's degree in Secondary Education with emphasis in the subject areas of Art, Business Education, Earth Science, English, History, Mathematics, and Music is presented through the Department of Teacher Education, the related subject department, and the School of Education. Each subject department has a planned program and it is described in the Bulletin within the department sections.

General information appropriate to all graduate programs is presented in the Graduate School section of the Bulletin.

Specific information appropriate to the Secondary Master's degree encompassing all areas of emphasis is as follows:

1. Each candidate is to have a subject area emphasis within a department or as a combination of departments.
2. The degree will include a minimum of 27 hours plus from 3 to 6 semester hours for the culminating activity.

SCHOOL OF EDUCATION

MA/MS Program

3. Each candidate's program shall include a minimum of 18 semester credit hours within the area of emphasis.
4. Each department will determine the nature of the culminating activity from (1) a thesis with an appropriate examination; (2) a project with an appropriate examination, or (3) 3 to 6 additional credits with an appropriate examination.
5. The candidate's committee shall consist of three members with the chairperson from the area of emphasis, one member from the Department of Teacher Education, and one from any department.
6. Recommendations for admission shall come from both the School of Education and the involved department.

Courses in Teacher Education

Required Courses in Education

Candidates are required to complete TE-560 Core in Secondary Education, TE-563 Conflicting Values in Education, and two 1-credit courses from the listing.

TE-560 Core in Secondary Education (3 credits). The goal of the Core is to provide the opportunity for students to become aware of, and knowledgeable about, topical issues related to secondary education. The issues are interdisciplinary and are drawn from such areas as politics, economic theory, social trends, educational theory, and human behavior. In addition, each student is involved in the critical analysis of the issues through preparation of position papers on selected topics. Prerequisite: Graduate Status. Summer.

TE-563 Conflicting Values Influencing Education (1 credit). This course will analyze ideological positions which have affected educational programs and policies. Each student will be asked to carefully consider his own values and analyze how these positions affect his mode of classroom operation. Prerequisite: Graduate Status. Summer.

Two 1-credit classes from the following list:

TE-564 Creative Teaching—Secondary School (1 credit). The course will explore various approaches to classroom teaching methodology and atmosphere which are innovative and creative. Each student will be given the opportunity to develop new means of teaching material selected from his own teaching field. Intensive concentration will be given to ideas which might maximize the realization of student potential on a personal basis. The course will be problem-centered and since the problems will be drawn from various subject areas, the course will be interdisciplinary. Prerequisite: Graduate Status. Summer.

TE-565 Interpreting Educational Research (1 credit). This course will prepare students to read, understand, and critically analyze educational research in their own field. It includes basic research terminology, strengths and weaknesses in research design, and interpretation of research results. Prerequisite: Graduate Status. Summer.

TE-566 Learning Theory and Classroom Instruction (1 credit). This course is designed to give educators an introduction to current theories of learning and how these theories in turn prescribe the most effective ways and means of teaching material. Emphasis is on behavioral theory and cognitive theory—on how children learn according to psychological laws of today—Skinner, Bruner, Piaget and Gagne. The major thrust of the course is to help teachers better understand how their students learn and how to help those that falter in the learning process. In addition, different curricular designs will be examined and the learning theory they are built on reviewed. Prerequisite: Graduate Status. Summer.

TE-567 Teaching Subject Content Through Reading (1 credit). The course is intended to introduce a few basic concepts of reading instruction, and then applying them to classroom teaching in secondary subjects. Emphasis will be on secondary teachers' responsibility to teach their students to read their instructional materials. Specific techniques of vocabulary development, reading for comprehension, intellectual stimulation, and application will be demonstrated and then planned by the students. Prerequisite: Graduate Status. Summer.

TE-568 Techniques of Classroom Management (1 credit). This course focuses on an approach to classroom management which is consistent with the goals of humanistic education. The development and refinement of skills in communication and conflict resolution are emphasized, as the basis for effective classroom management. Skill development will be coordinated with theoretical considerations relating to expelling and maintaining healthy and productive classroom environments. Active participation by class members will be required. Topics to be included are mutuality, listening, constructive confrontation, problem-solving alternatives, value conflicts, and modifying classroom environments. Prerequisite: Graduate Status. Summer.

TE-569 Testing and Grading (1 credit). This course will include an introduction to the theories and fallacies of testing. Problems and methods of teacher constructed tests will be included. The relationships between testing and grading and other forms of evaluation will be examined.
SCHOOL OF EDUCATION
MA/MS Program

Elective Courses

With the approval of the candidates committee, students may select additional courses from the following list as well as from the 1-credit course listing.

TE-507 Relating Reading Processes to Secondary School Subjects (3 credits)
This course is designed for secondary teachers in all academic areas who desire to develop efficient methods of utilizing instructional materials in their content subjects. Techniques of vocabulary development, preparation of reading materials, comprehension, making assignments, learning to study, and testing will be studied so that the teacher can bring together students and reading material in the most efficient ways. Prerequisite: Graduate Status. Fall semester.

TE-508 Teaching Reading in the Secondary School (3 credits). The course is designed for reading specialists in Junior High Schools and Senior High Schools. Specific methods and materials of testing and instruction of students with reading problems will be emphasized. Various standardized and informal tests will be studied and analyzed. Several corrective techniques will be demonstrated and analyzed. Prerequisite: Graduate Status. Spring semester.

TE-531 Education for the Culturally Different Learner (3 credits). A study of the development of children and adolescents in different cultures in comparative relationship to existing values, with special emphasis on the manner in which biological and psychological factors are interpreted in accordance with prevailing values. The life styles of various minority groups and the implications for education will be examined. Major topics include the culturally different learner; and (1) learning styles, (2) using media, (3) the process of change. Special emphasis will be on the various minority group children of Idaho, including Chicanos and Indians. Extensive use will be made of available research and other appropriate data and recognized resource people. Prerequisite: Graduate Status. Spring semester.

TE-541 Education in Emerging Nations (3 credits). The course provides an analysis of the relationship between national goals and the educational system found in the twentieth century. The contemporary systems will be studied in light of three major factors:

1. Natural factors: Race, language, environment
2. Religious factors
3. Secular factors: Humanism, socialism and nationalism

The Soviet Union, South Africa, Sweden, Japan, Mexico and China will receive major attention. In light of this survey, the effectiveness of each system in relation to national goals will provide a basis for comparison. Prerequisite: Graduate Status. Fall semester.

TE-551 Fundamentals of Educational Research for Teachers (3 credits). The development of educational research with emphasis on the nature of scientific inquiry, basic methods of formulating a research problem and designing an experiment. Prerequisite: Graduate Status. Fall semester.

TE-556 Supervision in Schools (3 credits). An opportunity to provide teaching personnel who have responsibility for supervision of instruction, the latest in thinking and research about supervision. The course will be divided into three segments for implementation: (1) human skill in supervision, (2) technical skills in supervision, and (3) applied supervision practicum. Prerequisite: Graduate Status. Fall and Spring semester and Summer.

TE-559 Values and Ideology in Education (3 credits). Students will analyze and evaluate past and contemporary philosophic thinking as they apply to educational programs. Education, essentially, is determined by the application of three variables: the subject matter to be taught, the means by which it is taught and the atmosphere (e.g. environment) in which the teaching takes place. All of these variables are affected by the attitudes and values of individuals and groups who are instrumental in affecting programs and practice. One cannot consider, therefore, what education has been, is and is likely to become without a thoughtful, systematic study of philosophic thought bearing on the education of the young. This is the essential concern of Philosophy of Education. Prerequisite: Graduate Status. Spring semester.

TE-598 Seminar Adolescent Psychological Problems (3 credits). The psychological problems of adolescence in contemporary U.S. culture are discussed. Emphasis is put upon the pathology of adolescent behavior occurring in institutions, families, and peer groups. Prerequisite: Graduate Status. Fall semester, every other year.

SO-501 The Sociology of Education (3 credits). A sociological analysis of the American school system, its problems and the social forces that shape the schools in contemporary society. Prerequisite: Graduate Status and SO-101 Summer.

NOTE: Candidates may select appropriate courses from the Elementary Graduate Program course listing when approved by the committee.
PART VII

School of Health Sciences
Dean: Victor H. Duke, Ph.D.

INTRODUCTION

The School of Health Sciences is one of four academic units at Boise State University. Course work leading to associate and baccalaureate degrees is offered in several programs. Faculty of the school not only have the required graduate degrees but are also registered or certified as practitioners in the areas in which they teach. The several hospitals, clinics and government agencies in the area afford the necessary patients, professional support, and up to date equipment and facilities required to complement the classes and laboratories at the University.

The mission of the School of Health Sciences is to provide the best education possible with the available resources in those programs assigned by the State Board of Education. The school also accepts the responsibility to provide continuing education to its graduates as well as other health care providers throughout the state.

ADVISORY COUNCIL

Clayton C. Morgan, M.D.
Chairman; Adjunctive Associate Professor
David M. Barton, M.D.
Adjunctive Associate Professor
David W. Bennett, M.D.
Adjunctive Associate Professor
M. M. Burkholder, M.D.
Adjunctive Associate Professor
John W. Gerdes, Ph.D.
Adjunctive Associate Professor
R. M. Gudmundsen, D.D.S.
Adjunctive Associate Professor
Edith Miller Klein, J.D.
Adjunctive Associate Professor
Lawrence L. Knight, M.D.
Adjunctive Associate Professor
David K. Merrick, M.D.
Adjunctive Associate Professor
Mary Nelson, R.N.
Adjunctive Associate Professor
Charles L. Robertson, M.D.
Adjunctive Associate Professor
Robert H. Sabin, M.B.A.
Adjunctive Associate Professor
Sister Mary Terese Tracy, R.S.M., M.H.A.
Adjunctive Associate Professor

CLINICAL AFFILIATES

Alcohol Rehabilitation Center, Boise, Idaho
Boise Convalescent Center, Boise, Idaho
Boise Orthopedic Clinic, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Central District Health Department, Boise, Idaho
Community Health Clinics, Nampa, Idaho
Grand Oaks Health Care Center, Boise, Idaho
Headstart, El-Ada Community Action, Boise, Idaho
Idaho Elks Rehabilitation Center, Boise, Idaho
Independent School District of Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke's Hospital, Boise, Idaho
St. Mary's School, Boise, Idaho
Sunset Nursing Home, Boise, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho
DEPARTMENT OF ALLIED HEALTH STUDIES

INTRODUCTION

In order to deliver the best health care possible, it is necessary that the physician and other members of the health care team be able to utilize the many complex and specialized tests, procedures, and instruments which modern medical science has produced. This requires that persons must be trained to complement and support the physician in providing the best treatment for the patient. These other members of the health team are known as allied health personnel.

1. In 1967 the ratio of allied health personnel to physicians was approximately ten allied health people to one physician. The present ratio is approaching the projected ratio for the mid-seventies of twenty to twenty-five per physician. It is clear that delivery of adequate and quality health care depends on the education of persons in technological specialties.

HEALTH SCIENCE STUDIES

BACHELOR OF SCIENCE

The bachelor of science degree in Health Science provides the curriculum whereby an individual may gain an education in the biological, physical, and health sciences to provide a foundation for additional professional or graduate work in several health science professions. This curriculum is designed to qualify the student for admission into hospital programs leading to certification as medical technologists. It is also recommended for students in pre-medical and pre-dental programs.

1. Requirements:

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<tr>
<th>Subject</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
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<td>Area I requirements</td>
<td>12</td>
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<td>Area II requirements</td>
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<td>Math</td>
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<td>College Chemistry</td>
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<td>Organic Chemistry with lab</td>
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<td>Biochemistry with lab</td>
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<td>General Zoology</td>
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<td>General Botany</td>
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<td>Cell Biology</td>
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<td>Bacteriology</td>
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<td>Mammalian Physiology</td>
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</tr>
<tr>
<td>Subtotal</td>
<td>83 credits</td>
</tr>
</tbody>
</table>

2. Electives (Science) 6 courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physics (8) or Biophysics (4)</td>
<td>(3)</td>
</tr>
<tr>
<td>Genetics (3)</td>
<td>(4)</td>
</tr>
<tr>
<td>Histology (4)</td>
<td>(5)</td>
</tr>
<tr>
<td>Quantitative Analysis with lab</td>
<td>(4)</td>
</tr>
<tr>
<td>Pathogenic Bacteriology (4)</td>
<td>(3)</td>
</tr>
<tr>
<td>Cytology (4)</td>
<td>(3)</td>
</tr>
<tr>
<td>Parasitology (3)</td>
<td>(4)</td>
</tr>
<tr>
<td>Comparative Anatomy (4)</td>
<td>(3)</td>
</tr>
<tr>
<td>Physical Chemistry (8)</td>
<td>(2)</td>
</tr>
<tr>
<td>Subtotal</td>
<td>22-23</td>
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</table>

3. Electives (Health Science) Minimum of three courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Health Delivery Systems (3)</td>
<td>(3)</td>
</tr>
<tr>
<td>Legal Implications of Health Practice (3)</td>
<td>(3)</td>
</tr>
<tr>
<td>Medical Terminology (3)</td>
<td>(3)</td>
</tr>
<tr>
<td>Medical Economics and Finance (3)</td>
<td>(2)</td>
</tr>
<tr>
<td>Public Health Administration (2)</td>
<td>(2)</td>
</tr>
<tr>
<td>Preprofessional Internship (2)</td>
<td>(2)</td>
</tr>
<tr>
<td>Subtotal</td>
<td>8-9</td>
</tr>
</tbody>
</table>

Total 128 credits

MEDICAL TECHNOLOGY

BACHELOR OF SCIENCE PROGRAM

Medical Technology offers an excellent opportunity for those interested in science fields which relate to the medical laboratory. However, there is increasing demand for a limited space in the hospital training programs and it is essential that those interested in the profession be well versed in physical, biological and health sciences.

To this end, the School of Health Sciences offers the student two options. He/she may take three years of academic work (96 credits) in which he will complete the requirements of the college core as well as the basic science requirements set forth by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), an agency of the Council of Medical Education of the American Medical Association. The student may then apply for the one-year clinical program, and upon its successful completion will be eligible to write the examination for certification and also be eligible for a B.S. degree in Medical Technology.

The student may also complete the fourth year in a prescribed academic program to earn a B.S. in Health Sciences Studies. After completion of one year in an accredited hospital program he would be eligible for a second degree of a B.S. in Medical Technology.

Those BSU students who gain admission to an accredited hospital program and wish to have this experience counted for BSU credit must enroll in MT 491-2-3. A registration fee of one dollar per credit hour is required. This will provide the individual with student privileges such as access to university loans and scholarships, use of the library and gymnasium, etc.

Requirements for Medical Technology Major

1. Completion of basic core requirements:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Area I</td>
<td>12</td>
</tr>
<tr>
<td>Area II</td>
<td>12</td>
</tr>
</tbody>
</table>
Math (M 111-112 or M 115-116) ........................................... 10
College Chemistry & lab .............................................. 9
Organic Chemistry & lab ............................................. 10
Biochemistry & lab ................................................... 4
General Zoology ...................................................... 4
General Botany ...................................................... 4
Cell Biology ......................................................... 3
Bacteriology ........................................................... 5
Mammalian Physiology ............................................... 4
2. Health Science, Science and Free Electives ............... 13
Total ................................................................. 96
3. Senior Year - Clinical Class & Practice
A calendar year to be spent in St. Alphonsus Hospital or St.
Luke's Hospital, Boise, Idaho, or in other hospitals, having
clinical programs approved and accredited by the NAACLS.

MT 491-2-3
Hematology .......................................................... 6
Clinical Bacteriology .................................................. 8
Clinical Parasitology .................................................. 1
Urinalysis ............................................................... 1
Clinical Chemistry ..................................................... 8
Immunohematology ................................................... 3
Serology-Immunology ................................................ 2
Toxicology .............................................................. 1
Clinical Mycology ..................................................... 1
Clinical Correlations Seminar .................................... 1

Total credits ......................................................... 128

COURSES

MT MEDICAL TECHNOLOGY

201 Basic Medical Technology (2 credits). A survey course designed to introduce
those students interested in Medical Technology to some of the basic aspects of
theory and practice encountered in the profession. The course demonstrates the
relationship of the University and hospital programs in the development of knowledge
and skills required in the field of medical technology. Fall semester.

Upper Division

491-2-3 Clinical Class and Practice (14-14-4 credits). Course requires 12
consecutive months of instruction in a hospital school approved by the National
Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Student spends
approximately 40 hours a week in a laboratory practicum. Six to eight hours a week
are set aside for reading assignments, lectures and examinations. Prerequisite:
Acceptance by a hospital school accredited by the NAACLS. Fall, Spring, Summer
semesters.

H GENERAL HEALTH SCIENCE courses are described in
Community and Environmental Health Section.

MEDICAL ASSISTANT
(Medical Secretary)

The Medical Assistant will be prepared to function in either
office or hospital setting. The program will provide knowledge
and skills such as scheduling bookkeeping, filing, transcribing,
and management of the record system. In addition, this program
will provide knowledge and skills to enable the assistant to ful-
fill the role of contact between the patient and physician. These
will include skills in communication, interpersonal relations,
medical ethics and the legal aspects of patient care. Courses in
behavioral science and humanities will enhance the Assistant's
sensitivity to the special needs of the patient and his family. This
program offers an Associate Degree.

CURRICULUM

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>
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<td>3</td>
</tr>
<tr>
<td>Business Mathematics/Machines</td>
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<td>Anatomy &amp; Physiology</td>
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<tr>
<td>Beginning and Intermediate Typing</td>
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<td>2</td>
</tr>
<tr>
<td>Beginning and Intermediate Shorthand</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

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For course descriptions see Part V of the catalog.

PREPROFESSIONAL CORE YEAR FOR
ALLIED HEALTH:

MEDICAL RECORD SCIENCE (MR)
RADIOLOGIC TECHNOLOGY (RD)
RESPIRATORY THERAPY (RT)

REQUIREMENTS FOR ADMISSION

A. Preprofessional Core Year
1. See University admission policy, page 2.

B. Professional Program
1. Only students who have completed or are in the process
   of completing the Allied Health core curriculum with a
   GPA of 2.00 or higher, will be considered for acceptance
   into the following Allied Health programs: Medical Re-
   cord Science; Radiologic Technology; or Respiratory
   Therapy.

2. Health status must be adequate to insure successful
   performance of hospital activities.

APPLICATION PROCESS

A. Preprofessional Core Year
1. See University requirements.

B. Professional Programs
1. All student must fill out and return to the admissions
   office a "Special Programs Application for the Depart-
   ment of Allied Health Studies", on or before April 1 of
   the year in which they plan to attend the professional
   program.

2. Applicants will be notified of their status by May 7. Due
   to the limited number of clinical sites, the various Allied
   Health programs can accept only a limited number of stu-
   dents each year.

CORE CURRICULUM

All students who are considering entry into one of these
Allied Health programs must have completed or be in the pro-
cess of completing the following core curriculum. Core cur-
riculum need not be taken at BSU.

PREPROFESSIONAL CORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology (111, 112)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry (107, 109)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (108, 110)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Math (111 or 115)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Intro. to Allied Health*</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

17 18

PROMOTION AND GRADUATION

A. Professional Programs
1. Students must maintain a GPA of at least 2.50 (in pro-
   fessional courses) for the first semester of the profes-

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This information to the patient, the doctor, and the community will be stressed. Prerequisite: Preprofessional core year, or permission of instructor. Fall semester, 1978.

203, 204 Medical Records I - 3 credit lecture (MR 203). 2 credit lab (MR 204) must be taken concurrently. Medical records in a variety of health care facilities, release of information, medical staff organization, and requirements and survey procedures of licensing and accrediting agencies. Medicare law and other federal regulations will be presented. Students will be introduced to the basic principles of supervising and managing a medical record department. Prerequisite: MR 201, 202. Spring semester, 1979.

205 Health Data (2 credits). Collection and presentation of routine data for daily, monthly, and yearly hospital statistical reports. Statistical formulas, preparation of birth certificates, and abstracting information for computerized data processing systems will be included. Prerequisite: MR 201, 202, or concurrent enrollment. Fall semester, 1978.

207 Disease and Operative Classification (2 credits). Principles and practice in coding of diseases and operations according to International Classification of Diseases. Other systems of coding will be presented, as well as methods of indexing diagnoses and operations. Prerequisite: Concurrent enrollment in MR 201, 202 or permission of instructor. Fall semester, 1978.

209 Health Record Transcription (2 credits). Four hours per week of practice in the machine transcription of histories, physical examinations, operations, and other medical reports. Accuracy of terminology and typing will be stressed. Prerequisite: H 101 and completion of typing requirement. Spring semester, 1979.

215 Clinical Practice (4 credits). During the summer following the second year, providing all other program requirements have been completed, the student will spend four hours per week (160 hours) in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology. Prerequisite: Completion of all other program requirements. Summer only.

NOTES: MR 210-211 to appear in 77-78 catalog for benefit of students who will be in their second year of the current program. MR 210-211 to be retired at the end of 77-78 academic year.

H GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

RADIOLOGIC TECHNOLOGY

To determine the presence of injury or disease, radiologic technologists position patients and operate X-ray machines to produce diagnostic film (radiographs). Most technologists work in the radiology departments of hospitals or with doctors who maintain private practices.

The Radiologic Technology program in the School of Health Sciences offers a curriculum utilizing both university and clinical components. This type of integrated program is needed in order for the students to gain the essential knowledge and skills required to become radiologic technologists.

The program has been developed to meet the standards as defined in the Joint Review Committee on Education in Radiologic Technology, whose sponsoring organizations are the American Society of Radiologic Technologists and the American College of Radiology. The curriculum will enable the student to complete his associate degree requirements and be eligible for the national certification examination. If desired, he may continue on to the baccalaureate degree.*

Requirements for Admission, Application Process, Promotion and Graduation. See preprofessional core year for Allied Health.

CURRICULUM

Preprofessional Core year for Allied Health. See description at beginning of this section.

FIRST PROFESSIONAL YEAR

Clinical Practicum .......................... 1 1
Radiographic Technique & Control 3 3
Radiographic Physics 2 2
Area II Elective .......................... 3 —
Intro to Radiologic Science 2 —
Intro to Clinical Experience 1 —
Medical Terminology .................... 3 —
Radiographic Positioning II — 3
Clinical Experience .......................... 3 —
Area I Elective .......................... — 3

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SCHOOL OF HEALTH SCIENCES
Medical Record Science

sional program. A GPA of less than the required may constitute removal from the program.

2. A grade of less than a "C" in any professional theory (numbered H, MR, RD, RT) or clinical unit must be repeated and raised to a "C" or higher before continuing the program.

3. Students who have completed all course requirements with a GPA of 2.35 or higher (during the professional program) qualify for graduation.

*Students transferring from other institutions may take this course in their first year at BSU if a similar course has not been available at their previous college.

MEDICAL RECORD SCIENCE

Medical Record Technicians are qualified to work in any health care agency where health records are prepared, analyzed, and preserved. Areas of concentration include classifying diseases and operations, analyzing records of discharged patients, compiling statistical information for administration and research, transcribing medical reports, and abstracting data for medical care evaluation studies. In addition, students receive training in medical record departments of area health facilities. Students are responsible for their own transportation from BSU to the clinical agencies.

The program offers an Associate of Science degree and is approved by the Council on Medical Education of the American Medical Association in collaboration with the American Medical Record Association.

Graduates of the program are eligible to write the national accreditation examination, and upon successful completion of this examination, are recognized as Accredited Record Technicians (ART). Requirements for Admission, Application Process, Promotion and Graduation, see preprofessional core year for Allied Health.

CURRICULUM

First year - Preprofessional Core, described at beginning of this section.

Before being accepted into the professional year of the Medical Record Technician program, applicants must have finished beginning and intermediate typing, or demonstrate a typing speed of 45 words per minute.

PROFESSIONAL YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Terminology (H 101)</td>
<td>3</td>
</tr>
<tr>
<td>Medical Records I</td>
<td>5</td>
</tr>
<tr>
<td>Health Delivery Systems (H 302)</td>
<td>3</td>
</tr>
<tr>
<td>Health Data</td>
<td>2</td>
</tr>
<tr>
<td>Disease and Operative Classification</td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Disease</td>
<td>—</td>
</tr>
<tr>
<td>Conditions (H 203)</td>
<td>3</td>
</tr>
<tr>
<td>Medical Records II</td>
<td>—</td>
</tr>
<tr>
<td>Legal Implications of Health Practice (H 407)</td>
<td>3</td>
</tr>
<tr>
<td>Health Record Transcription</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>—</td>
</tr>
</tbody>
</table>

After successful completion of the professional year at BSU, students will have a four week period of directed practice in one of several affiliated health facilities. (MR 215).

COURSES

MR MEDICAL RECORDS

210-211 Advanced Medical Record Science (5 credits). More detailed coding and indexing of medical records, outpatient department records, Medicare, cancer registry, and methods of record keeping in nursing homes or extended care facilities. Provides 12 hours of directed practice. Prerequisite: MR 110-111, 160. Second year.

201, 202 Medical Records I - 3 credit lecture (MR 201). 2 credit lab (MR 202). must be taken concurrently. Principles of medical record technology, including the preparation, analysis, preservation and retrieval of health information. The value of
**SCHOOL OF HEALTH SCIENCES**

**Respiratory Therapy**

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient’s process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and evaluation techniques in respiratory care.

The Respiratory Therapy program at Boise State consists of a three-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of a pre-professional year followed by two years of professional study. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Respiratory Therapists, which is the professional designation.

Requirements for Admission, Application Process, Promotion and Graduation, see preprofessional core year for Allied Health.

**CURRICULUM**

Preprofessional Core Year for Allied Health as described at the beginning of this section.

**FIRST PROFESSIONAL YEAR:**

<table>
<thead>
<tr>
<th>COURSES</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory I</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Theory II</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Lab. I</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Lab. II</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum I</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Clinical Practicum II</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Cardiopulmonary Physiology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Nursing Arts</td>
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<td>—</td>
</tr>
<tr>
<td>General Pathology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Emergency Procedures in Respiratory Care</td>
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<td>—</td>
</tr>
<tr>
<td>Area I or II Elective</td>
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<td>—</td>
</tr>
<tr>
<td>Pulmonary Function Lecture</td>
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<tr>
<td>Pulmonary Function Lab.</td>
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</tr>
<tr>
<td>Pulmonary Medicine I</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Biophysics</td>
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<tr>
<td>Microbiology</td>
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18 18

Summer

| Elective Area I or II                | 6        | —        |

**SECOND PROFESSIONAL YEAR:**

<table>
<thead>
<tr>
<th>COURSES</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Respiratory Therapy Theory III</td>
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</tr>
<tr>
<td>Respiratory Therapy Theory IV</td>
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<td>2</td>
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<tr>
<td>Respiratory Therapy Lab. III</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Lab. IV</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum III</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Clinical Practicum IV</td>
<td>—</td>
<td>6</td>
</tr>
<tr>
<td>Radiologic Studies of the Respiratory System</td>
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<td>—</td>
</tr>
<tr>
<td>Pulmonary Medicine II</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Cardiology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Professional Seminar</td>
<td>2</td>
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</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
<td>—</td>
</tr>
</tbody>
</table>

| Principles of Pharmacotherapeutics | 3        | —        |

16 13

**RT RESPIRATORY THERAPY**

201 Respiratory Therapy Cardiopulmonary Physiology (4 credits). Study of the normal physiological functions of the pulmonary and circulatory systems. Prerequisite: admission to Respiratory Therapy Program or consent of instructor. Fall, 1978.

203 Respiratory Therapy Theory I (2 credits). Study of medical gas therapy to include clinical gases, gas mixtures and various equipment. Theory and techniques of aerosol and humidification therapy: Introduction to infection control and cardiopulmonary resuscitation. Prerequisite: admission to Respiratory Therapy Program. Fall, 1978.
COMMUNITY AND ENVIRONMENTAL HEALTH

INTRODUCTION

Studies in this department will consider general aspects of human health which are determined or are contingent on personal, social and environmental action or interaction. The assessment of personal health status, the relationships between personal and community health, the ecological perspective of personal health, the concept of community health, the providers of health care and the existing and potential health care delivery systems, are all important elements for consideration.

The Community and Environmental Health Scientist is needed to satisfy the demand for trained personnel in such areas as public health, environmental pollution control, food inspection, and in teaching and administration. These experts may find employment in federal, state and local agencies. There is also an increasing demand in private industry and in teaching institutions for individuals with this training.

REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

Bachelor of Science

A. General Requirements (8 credits)

- English Composition 6

B. Area I Requirements (12 credits)

- Electives 12

C. Area II Requirements (12 credits)

- Psychology 3

D. Electives 6

E. Science Requirements (68 credits)

- Elementary Organic Chemistry 6
- Math 115-116 10
- General Physics 8
- Botany/Zoology 8
- General Bacteriology 5
- Entomology 4
- Pathogenic Bacteriology 4
- Food Microbiology 4
- Biocology 4
- Mammalian Physiology 4

F. Electives (15 credits)

- Suggested Electives 15

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

ENVIRONMENTAL HEALTH

(Suggested Program)

Bachelor of Science

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>
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</tr>
<tr>
<td>College Chemistry</td>
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<td>5</td>
</tr>
<tr>
<td>Math 115-116</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Math 105-106 or Math 111-112</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Man and his Environment</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Area I Electives</td>
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<td></td>
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</table>

SOPHOMORE YEAR:

<table>
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<tr>
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<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Botany (B 130)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Zoology (Z 130)</td>
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<td>4</td>
</tr>
<tr>
<td>Elementary Organic Chemistry</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Area I Electives</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Are II Electives</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Psychology</td>
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</table>

JUNIOR YEAR:

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<tr>
<th>Course</th>
<th>1ST SEM.</th>
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<tr>
<td>General Bacteriology</td>
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<tr>
<td>Pathogenic Bacteriology</td>
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<td>Entomology</td>
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<td></td>
</tr>
<tr>
<td>General Physics</td>
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<td>4</td>
</tr>
<tr>
<td>Environmental Management</td>
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<td>3</td>
</tr>
<tr>
<td>Area I Electives</td>
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<td>3</td>
</tr>
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<td>Area II Electives</td>
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<tr>
<td></td>
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</tbody>
</table>
SCHOOL OF HEALTH SCIENCES  
Nursing

INTRODUCTION
The Boise State University Department of Nursing operates as an integral unit of the total university. Students enrolled in nursing attend classes and socialize with students in various other fields of study on campus.

The department conducts a two-year, lower-division curriculum leading to an Associate of Science in Nursing degree. This program prepares students to write the State Board Test Pool Examination for initial licensure as a registered nurse. The Department also offers a two-year upper-division curriculum for R.N.’s to continue academic study and to obtain a Bachelor of Science in Nursing degree.

PHILOSOPHY
The current system of health care delivery requires associate as well as baccalaureate degree prepared practitioners of nursing. Each of these two groups contributes to meeting the nursing and health care needs of man. The associate degree prepared nurse functions primarily in a dependent role while the baccalaureate prepared nurse functions primarily in an independent role. Both levels of nursing personnel function as interdependent members of the health care team.

It is recognized that a number of graduates from diploma and associate degree programs in nursing do change career goals. Therefore, a baccalaureate level education program in nursing is deemed essential to support this change in career goals. The baccalaureate nursing curriculum should encompass the knowledge and skills essential for baccalaureate level nursing practice as well as provide options for nursing electives.

LOWER-DIVISION ASSOCIATE DEGREE

DESCRIPTION
This program prepares individuals to function at a beginning level in giving direct care to patients. Nursing courses include theory and practice. In the practice component of each nursing course, one credit hour represents four hours of clinical and/or laboratory time. Each week there is an average number of twelve clinical practice hours during the freshman year and sixteen hours during the sophomore year. These hours may be scheduled days, afternoons or evenings. Clinical experience is obtained in a wide variety of health care agencies.

The standard for advancement in the program is a 2.75 G.P.A. or above. A minimum acceptable grade is C in all nursing and support courses.

The program is accredited by the Idaho Board of Nursing and the National League for Nursing. A graduate is eligible to write the State Board Examination for licensure as a registered nurse.

PHILOSOPHY
The associate degree prepared nurse practices primarily in formally organized health care agencies providing direct care for individuals with identified health problems whose nursing needs fall within prescribed standards of care. The associate degree graduate is expected to seek guidance from supervisory personnel in making decisions concerning complex nursing situations and in making referrals to other health agencies.

The curriculum should include courses in general education as well as nursing. General education courses provide support knowledge for nursing courses. The nursing courses utilize the nursing process as a system of learning. Indentified basic
SCHOOL OF HEALTH SCIENCES
Nursing

health needs are used to select content for nursing courses. A planned program of clinical practicum and instruction in health care agencies is the major learning experience in the application of theoretical content and in the development of clinical nursing skills.

It is recognized that students vary widely with respect to age and life experiences. Therefore, a program of student advisement implemented by the faculty is essential in assisting students to meet their career goals.

ADMISSION
Admission for students entering the associate degree nursing program as freshmen is limited to the Fall Semester.

Requirements:
Applicants must meet the general university requirements as well as the stated requirement for the associate degree nursing program in one of the four categories listed below:

1. High school graduates will be considered for admission on the basis of ACT or SAT scores.

   ACT: A composite standard score of not less than 20, plus a 70th percentile rating.

   SAT: Total score of 888 and a G.P.A. of 2.75 or above at the completion of the 7th semester of high school.

2. College students who have earned a minimum of 12 semester college credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 2.75 G.P.A. or better.

3. Transfer students from other schools of nursing to the associate degree nursing program at Boise State University are required to submit applications and meet the admission requirements according to the appropriate category and standards as outlined in items 1 and 2 above.

4. Applicants who have previous education and/or experience in nursing must:
   a. Submit records verifying previous education and/or experience.
   b. Submit a letter from their employer indicating a minimum of one-year’s experience in nursing.
   c. Submit evidence of current licensure if a practical nurse.
   d. Present evidence of 2.75 G.P.A. on all college studies completed.

In addition, applicants in group 4 may apply to write challenge examinations for freshman nursing credit. Through these examinations, the applicant may earn one or two semesters of freshman nursing credit. If the applicant passes challenge examinations, the general education requirements of the freshman year must be completed with a G.P.A. of 2.75 or above before entering sophomore nursing courses.

Students who are interested in the challenge program are to make an appointment with the Associate Degree Nursing Program Director for further information.

The number of students admitted each year is limited by the availability of personnel and clinical resources.

All applicants admitted to the nursing program are required to:
1. Submit a medical questionnaire and a chest x-ray to the Student Health Center by August 1 of the year in which they plan to enter the program.
2. Purchase a Boise State University student nursing uniform.
3. Submit $25.00 at Fall registration yearly as prepayment for student name pin, malpractice insurance, and standardized National League for Nursing examinations which are required of all students throughout the program.

APPLICATION PROCESS
1. Make application for admission to Boise State University and the Department of Nursing, Associate of Science in Nursing degree program. Both application forms are available from the Admissions Office in the Administration Building, Room 100.
2. Submit an official high school transcript or G.E.D. test score, A.C.T. or S.A.T. scores, and official transcripts of all previous college work. L.P.N.’s must also submit evidence of current licensure. These must be received by the Admission Office prior to March 1.
3. Complete all application requirements during the period of September 1 to March 1 prior to date of anticipated enrollment in nursing courses.

CURRICULUM
A. General Education Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>8</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td>31</td>
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</table>

B. Nursing Major:

<table>
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<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Basic Health Needs</td>
<td>12</td>
</tr>
<tr>
<td>Deviations from Basic Health</td>
<td>16</td>
</tr>
<tr>
<td>Nursing Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Total Credits</td>
<td>30</td>
</tr>
</tbody>
</table>

C. Area I or II Electives *   * 3

Total Credits 64

**SUGGESTED 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 or 3</td>
<td></td>
</tr>
<tr>
<td>Chemistry (C 107-108)*</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Basic Health Needs</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:  

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3 or 3</td>
<td></td>
</tr>
<tr>
<td>Microbiology</td>
<td>4 or 4</td>
<td></td>
</tr>
<tr>
<td>Sociology (Introduction)</td>
<td>3 or 3</td>
<td></td>
</tr>
<tr>
<td>Area I or II Electives II</td>
<td>3 or 3</td>
<td></td>
</tr>
<tr>
<td>Deviations from Basic Health</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Nursing Seminar</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total Credits</td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

* Must be completed before entering sophomore year nursing courses.

** See BSU Bulletin requirements for B.S. Degree. Students who plan to continue for a baccalaureate degree in nursing should see their advisor for general education requirements. Students may choose to complete general education requirements prior to admission to the nursing major and/or during summer session.

*** Nursing courses may be completed in four semesters by taking 15-17 credits per semester.

Nursing

140.141 Introduction to Basic Health Needs 2 credit lecture, 1 credit lab. 8 week unit. Introduces nursing process and seven basic health needs for oxygen, nutrition, elimination, activity, mental health, safety and comfort, as a basis for providing nursing care. Opportunity is provided to develop beginning skills. Prerequisite: Admission to the Nursing major. Fall semester.
PHILOSOPHY OF THE B.S.N. PROGRAM

The baccalaureate-prepared nurse promotes health and also provides preventive, curative, supportive and restorative health care to individuals, families, and groups in a wide variety of social settings by utilizing the nursing process. Nursing at this level is a complex interpersonal process directed towards identifying and meeting health care needs and making decisions about health care delivery. These processes require the nurse to assess and manage complex communication with other health care workers as well as with individuals, families, and groups being served.

The baccalaureate nursing curriculum has an interdisciplinary base in the humanities, natural and social sciences as well as in nursing knowledge. These disciplines contribute to the concepts utilized in professional nursing practice. In recognition of the fact that students are registered nurses who have changed their career goals, the nursing curriculum has two components 1) a core of nursing and support courses which prepare the nurse for baccalaureate level nursing practice; and 2) an option to concentrate nursing electives in a selected area of professional practice.

With this type of curriculum we are serving a student population whose educational needs are not specifically addressed by any other institution of higher education in the state. We believe therefore, that our program has the potential for significantly improving health care services in this state.

ADMISSION AND APPLICATION

To qualify for admission the candidate must:

1. Possess current licensure as a registered nurse and have obtained Idaho licensure prior to enrollment in upper division nursing courses.

2. Have maintained a minimum G.P.A. of 2.75 in 33-37 semester credits in general education courses, including the following:
   a. 3 credits each — Behavioral science, microbiology, nutrition;
   b. 6 credits each — in English composition and in humanities;
   c. 6-8 credits — Human anatomy and physiology;
   d. 6-8 credits — Chemistry (including both organic and inorganic with biochemistry also recommended)

3. Have achieved a minimum 2.75 in 30 semester credits in lower division nursing by:
   a. Having graduated from a NLN accredited associate degree program,
   OR
   b. Earning these academic credits by special evaluation procedures. Instructions are available from the Department of Nursing.

4. Although a specified period of work experience is not required, applicants are strongly advised to have at least one year of nursing practice within the two years preceding anticipated enrollment.

To apply for admission the candidate must:

1. Request from the Admission Office at Boise State University an application form to the University (if not previously enrolled there) and the special application form for the B.S.N. program.

2. Complete both forms and return to the Admissions Office prior to March 1. Transcripts must also be submitted by this deadline. Since these may take from 6 to 8 weeks for processing, students are advised to request them in sufficient time to insure their receipt at B.S.U. by the March 1 deadline. Graduates of diploma or non-NLN accredited associate degree programs must also have established their lower division nursing credits by then.

Applications are reviewed during March and April. Candi-
SCHOOL OF HEALTH SCIENCES
Preprofessional Studies

JUNIOR YEAR:
they complete the nursing core and required electives, and take
the 16 credit option which they have chosen as their nursing
option. The three options are Acute Care Nursing, Family Nurse
Practice, and Leadership in Nursing. There are also 15 credits of
required electives in health sciences and management.

Students take most of the core courses in nursing and the
required electives during the junior year. For the senior year,
they complete the nursing core and required electives, and take
the 16 credit option which they have chosen as their nursing
elective. Remaining credits for the degree are given over to
general education electives.

A sample program is illustrated below:

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>COURSES</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*N 306-307 Prof. Interactions</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>*N 310-313 Community Health Nursing</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>&quot;H 300 Pathophysiology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>&quot;H 302 Health Del. Systems</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>3-6</td>
<td>—</td>
</tr>
<tr>
<td>*N 316-317 Health Assessment</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>*N 324-325 Critical Care Nursing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>&quot;H 210 Prin. of Pharmaco-thapeutics</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>&quot;MG 301 &quot;Prin. of Management</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>TOTALS</td>
<td>17</td>
<td>18</td>
</tr>
</tbody>
</table>

SENIOR YEAR:

<table>
<thead>
<tr>
<th>COURSES</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Nursing Research</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Nursing Electives</td>
<td>8 or 9</td>
<td>7 or 8</td>
</tr>
<tr>
<td>(individual option) Electives</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>&quot;H 305 Role Sensitization</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>TOTALS</td>
<td>14-15</td>
<td>15-16</td>
</tr>
</tbody>
</table>

*Core Course in Nursing Major
**Required Support Course

COURSES

N NURSING

Upper Division

300 Concepts and Skills of Community Health Nursing (3 credits). The primary
date of this course is in community health nursing is the use of nursing processes in
family and community settings with emphasis on the psychosocial aspect of
individual/family/community health. The course is designed to assist nurses in application
core content to daily work in community health settings as a means
of improving the quality of health services. Community settings include homes,
clinics, or outpatient departments, group classes and elementary through high
school nursing services. Prerequisite or concurrent enrollment in N 306-307.

310 Community Health Nursing (2 credits). Primary focus on use of nursing pro-
cess in family and community settings with emphasis on psycho-social aspects of
individual/family/community group health. Designed to assist nurses in applica-
tion of course content to daily work in community health settings as a means
of improving the quality of health services. Community settings include homes,
clinics, or outpatient departments, group classes and elementary through high
school nursing services. Prerequisite or concurrent enrollment in N 306-307.

311 Community Health Practicum (2 credits). To be taken with N 310 Fall/Spring
semesters.

316 Health Assessment (1 credit). Principles and skills of obtaining health and
developmental history, and of performing a general physical-psycho-social assess-
ment of individuals. Practice in using assessment tools and in differentiating nor-
mal from abnormal findings. To be taken with N 324-325. Prerequisites or con-
current enrollment in N 306-307 and H 300 Fall/Spring semesters.

317 Health Assessment Practicum (2 credits). To be taken with N 316.
Fall/Spring semesters.

324 Critical Care Nursing (1 credit). Application of nursing process in care of hos-
apitalized patients in severe psychophysiological stress who face major changes in
life style, including the possibility of death. Encourages counseling patients'
families, and planning with other health care workers for coordination and contin-
uing of patient's care. To be taken with N 316-321. Prerequisites or concurrent
enrollment in N 306-307 and H 300. Fall/Spring semesters.

325 Critical Care Practicum (2 credits). To be taken with N 324. Fall/Spring
semesters.

SENIOR YEAR

Course numbers, titles and credits for the senior year
courses are not available at the time of the bulletin printing;
however, they will be available in the spring of 1977 from the
Baccalaureate Nursing Program Director's office.

H GENERAL HEALTH SCIENCE courses are described in
Community and Environmental Health section.

DEPARTMENT OF
PREPROFESSIONAL STUDIES

INTRODUCTION

The Preprofessional Studies Department has responsibility
to those students who intend to apply to a professional school in
one of the health sciences and who have declared a major in:
pre-medicine, pre-dentistry, pre-dental hygiene, pre-occupational
therapy, pre-optometry, pre-pharmacy, pre-physical therapy,
pre-veterinary medicine, etc. In view of the specialized nature of
each program, each student should seek counsel regularly from
the particular advisor who has been designated for his or her
major field of interest.

Students who will be making application for professional
school should be aware that certain materials must be submitted
and examinations taken before deadlines which are
established by the several professions. Medical College Ad-
mision Testing, Dental Admission Testing, Dental Hygiene
Aptitude Testing, Pharmacy College Admission Testing, and the
Graduate Record Examination for veterinary medicine schools,
must be taken at specific times. These examinations may or may
not be administered on BSU campus. The deadlines change from
year to year. It is the responsibility of the student to ascertain
from his/her advisor the specific deadlines which pertain to the
application process, admission testing, and the fees involved for
the particular program.

CLINICAL

In addition to their academic course work the Preprofes-
sional 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.

PREPROFESSIONAL INTERNSHIP

Selected students in their third of 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 AND PRE-DENTAL STUDIES*

I. Biology Option

1. General University and Baccalaureate Degree Requirements to include
   - English Composition .................................................. 6
   - General Psychology ................................................... 3

2. Biology Requirements
   - Zoology ......................................................................... 4
   - Botany ............................................................................ 4
   - Cell Biology ................................................................. 3
   - General Bacteriology .................................................... 5
   - Comparative Anatomy .................................................. 4
   - Vertebrate Embryology .................................................. 4
   - Mammalian Physiology .................................................... 4
   - Genetics .......................................................................... 4
   - Vertebrate Histology ..................................................... 4

3. Chemistry Requirements
   - College Chemistry ....................................................... 9
   - Organic Chemistry ....................................................... 10
   - Biochemistry ............................................................... 4

4. Physics and Mathematics
   - General Physics ........................................................... 8
   - Math 111-112 ................................................................. 10
   - Total for Areas I-IV ....................................................... 107
     ** Electives ..................................................................... 21

I. Chemistry Option

1. General University and Baccalaureate Degree Requirements to include
   - English Composition .................................................. 6
   - General Psychology ..................................................... 3

2. Biology Requirements
   - Zoology ......................................................................... 4
   - Botany ............................................................................ 4
   - Cell Biology ................................................................. 3
   - Comparative Anatomy ................................................... 4
   - Genetics .......................................................................... 3.4
   - Vertebrate Embryology .................................................. 4

3. Chemistry Requirements
   - College Chemistry ....................................................... 9
   - Organic Chemistry ....................................................... 10
   - Bio- or Analytical Chemistry ........................................ 4-5
   - Physical Chemistry ....................................................... 8
   - Instrumental Analysis .................................................... 4
   - Chemistry Independent Studies .................................... 2
     Chemistry Seminar .................................................... 2

4. Physics and Mathematics
   - Math 111-112 ................................................................. 10
   - Math 205-206 ................................................................. 8
   - General Physics ............................................................ 8
   - Total for Areas I-IV ....................................................... 117-119
     ** Electives ..................................................................... 9-11

*Other Pre-Professional Studies majors should consult the faculty advisor designated for the particular field of interest.

**Additional upper division credits so that upper division credits total at least 40.

(Suggested Programs)

BIOLGY OPTION

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition .................................................. 3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>College Chemistry ..................................................... 4</td>
<td>5</td>
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CHEMISTRY OPTION

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>English Composition .................................................. 3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>College Chemistry ..................................................... 4</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>General Physics ........................................................ 8</td>
<td></td>
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<table>
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<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany ...........</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Zoology ..........</td>
<td>4</td>
<td></td>
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<tr>
<td>Organic Chemistry</td>
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<tr>
<td>General Psychology</td>
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<tr>
<td>Area I Courses ...</td>
<td>3</td>
<td>6</td>
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<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Cell Biology ................</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Comparative Anatomy ..........</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Physics ................</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Genetics ...............</td>
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<td>Bio- or Analytical Chemistry ...</td>
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SCHOOL OF HEALTH SCIENCES
Preprofessional Studies

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
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<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Botany ...........</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Zoology ..........</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Organic Chemistry</td>
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<td>5</td>
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<tr>
<td>General Psychology</td>
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<table>
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<tbody>
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<td>3</td>
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</tr>
<tr>
<td>Comparative Anatomy ..........</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Physics ................</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Genetics ...............</td>
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<tr>
<td>Bio- or Analytical Chemistry ...</td>
<td>4.5</td>
<td></td>
</tr>
</tbody>
</table>

1ST SEM: 39-40 16 15-17 16

2ND SEM: 14-15 14-15 127
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 are advised to see their advisor and pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

PRE-PHYSICAL THERAPY

This curriculum is designed for students interested in a professional career in physical therapy. Before the freshman year is finished, the student should see the Physical Therapy advisor to pattern the sophomore year according to the requirements of the school he/she is planning to attend.

PRE-VETERINARY MEDICINE

A shared curriculum agreement exists between the Washington State University School of Veterinary Medicine and the State of Idaho under which fifteen Idaho residents each year are guaranteed admission to the WSU School of Veterinary Medicine. For those Idaho residents planning to pursue a pre-veterinary medicine curriculum, it is important that the entrance requirements for Washington State University be satisfied during undergraduate work. The student majoring in pre-veterinary medicine should seek regular counseling from the pre-veterinary academic advisor.

Requirements for Pre-Veterinary Medical Studies

1. General College and Baccalaureate

   Degree Requirements 30
   English Composition 6
   Area I Requirements 12
   Area II Requirements 12
### 2. Biology Requirements
- General Botany: 4
- General Zoology: 4
- Cell Biology: 3
- Bacteriology: 5
- Genetics: 3-4

### 3. Chemistry Requirements
- College Chemistry: 9
- Organic Chemistry: 10

### 4. Mathematics & Physics Requirements
- Mathematics 111-112 or 115-116: 10
- General Physics: 8

### 5. Nutrition: 3


### Suggested Program

#### Freshman Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
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<td>College Chemistry</td>
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<tr>
<td>Mathematics</td>
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<tr>
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#### Junior Year:

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<tr>
<td>Organic Chemistry</td>
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<td>Area I/II Electives</td>
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#### Senior Year:

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<tr>
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</table>

### Courses

**H Health Sciences**

For H Health Sciences courses see Community and Environmental Health Section.
PART VIII

Graduate School

Dean: Kenneth M. Hollenbaugh, Ph.D.

Graduate Program Coordinators

Business:
Associate Dean, School of Business: J.G. Doss, Ph.D.

Education:
Associate Dean, School of Education: Clyde Martin, Ed.D.

Public Administration:
Chairman, Political Science Department: W. Overgaard, Ph.D.

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Arts in Elementary Education, Master of Arts and Master of Science in Secondary Education, and Master of Public Administration.

Areas of Emphasis

The Master of Arts in Elementary Education includes four areas of emphasis: (1) Curriculum and Instruction; (2) Content Enrichment; (3) Reading; (4) Special Education. Specifics for each emphasis are included within the School of Education section of the Bulletin.

The Master of Arts/Science in Secondary Education includes an emphasis in each of the following areas: (1) Art; (2) Business Education; (3) Chemistry; (4) English; (5) Geology; (6) History; (7) Mathematics; (8) Music; and, (9) Theatre Arts. Specifics for each emphasis are included within the subject sections of the Bulletin.

The Master of Public Administration degree program has 3 areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

THE GRADUATE FACULTY

Ordinarily, the Graduate Faculty are also members of the faculty of a department in one of the schools — Arts and Sciences, Business, or Education.

GENERAL INFORMATION FOR GRADUATE STUDENTS

Application for admission to the graduate programs or general graduate study as an unclassified graduate may be made at any time. It is recommended, however, that at least two months before the first enrollment, the Graduate Admissions Office
GRADUATE SCHOOL

will have received the application for admission and transcripts of all undergraduate and graduate work. This will provide sufficient time to process the application prior to the semester the applicant wishes to commence his graduate study. Petitions for exceptions will be directed to the Graduate Dean. The transcripts are to be sent directly to the Boise State University Graduate Admissions Office by the Registrar of the college or university which the applicant previously attended. For that purpose the applicant should communicate with the Registrars concerned and then allow them sufficient time to process and mail the transcripts.

All documents received by the University in conjunction with such applications for admission become the property of Boise State University. Under no circumstances will they be duplicated except for university advisement, nor the original returned to the applicant or forwarded to any agency or other college or university.

Students who hold a Bachelor’s or higher degree and enroll at BSU are classified as graduate students by the registrar.

For Admission to the Graduate School

A student may be admitted to the Graduate School at Boise State University when the following admissions criteria have been met:

1. The applicant has earned a Bachelor’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 in which he wishes to enroll. Students interested in graduate work in business are directed to page 95, education students should see page 113, and public administration students should see page 71.
3. Completion of the predictive examination required by the department as listed under departmental criteria.
4. Recommendation for admission by the department in which the student expects to work and approval by the Graduate School.

Unclassified Status Classification

Persons who feel qualified to profit from graduate courses may enroll in these under “Unclassified Status” provided the following conditions are met:

1. There is space available in the class.
2. The student understands that he has not been admitted to graduate school and that there is no commitment to accept his unclassified status credits toward a degree, if he should be admitted.
3. No more than nine credit hours taken in unclassified status may be included in any graduate degree program at BSU without waiver by the Graduate Dean upon recommendation by the school or department in which the student will work.

Graduate Status Classifications for Matriculated Students

Applicants may be admitted to the Graduate School under two classifications.

Regular Status: The student has been admitted with full graduate status into a graduate degree program and has received official admissions notification by 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.

Graduate Courses for Undergraduate Credit

Boise State University “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 Graduate 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 University senior with the approval of the department in which he plans to work and the Graduate Dean may enroll for graduate credit during his senior year insofar as these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Graduate Admissions Office, and the office of each dean. Credits earned in this manner are “reserved” to count toward a graduate degree at BSU.

Scholarship Requirements

Academic excellence is expected of students doing graduate work. A student whose academic performance is not satisfactory may be withdrawn from the degree program by the Dean of the Graduate School 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 average of “B” (3.00) or better in all work, exclusive of deficiencies, specifically included in his program of study. No grade below “B” may be used for any 300 or 400 level courses in a graduate program. Grades below “C” cannot be used to meet the requirements of a graduate degree. Grades on transfer work will not be included in computing grade point average.

Repeat, Retake Policy

A student who earns a grade of “D” in a graded 500 series course at Boise State University 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) 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 University. Therefore, a student who gets an “F” in a required course is automatically excluded from further master’s degree work. 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 or the advisor, as determined within each degree program of study, will establish with the student a program of study, direct any thesis or graduate projects, and administer his 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 University campus is required. This requirement does not apply to students enrolled in any inter-institutional cooperative graduate program offered jointly by BSU and the other Idaho universities.
Transfer of Credits

A maximum of nine (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 University 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 inter-institutional cooperative graduate programs, if approved by the schools fielding the program, can be accepted as residence credit.

Time Limitations

All work offered toward a master's degree from Boise State University 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.

Challenge Policy

The provisions of the challenge policy stated in the catalog section, Admission Requirements to the College under subsection Challenging Courses - Granting Credit by Examination (see page 5) apply to graduate courses. In particular, the decision to allow or not to allow challenges will be made by the department before the end of the first academic period (summer). The graduate program to which the course applies, candidacy must be recommended in writing by the student's supervisory committee and submitted to the Dean of the Graduate School once each semester and summer session. They are listed in the calendar of the BSU Bulletin. A student is not eligible to apply for the final examination until he has been admitted to candidacy (filed the candidacy and graduation form).

Foreign Language Requirements

Language requirements are determined by the department concerned. If a foreign language is required, the student must demonstrate that he possesses a reading knowledge of a language specified by the department.

Thesis Requirements

The requirement of a thesis or similar project is determined by the department or interdisciplinary unit concerned. The final copy of the thesis must be reviewed by the student's supervisory committee and submitted to the Dean of the Graduate School at least three (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 form — the list of courses and projects which comprise the students program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's committee or advisor and be approved by the Dean of the Graduate School.

Program Development Form

Graduate students in Regular or Provisional Status will complete a Program Development Form with their advisor or committee before the end of the first academic period (summer, fall, or spring) in which they take graduate work at Boise State University, after having been notified of admission in Regular or Provisional Status.

This rule does not apply to students admitted in Unclassified Status (these are admitted only to Boise State University and not to the Graduate School) because these students are not candidates for a graduate degree.

The Program Development Form will be available from the schools offering graduate degree programs. The advisor or committee will file the Program Development Form with the Graduate School upon completion. Each change in program must be completed by filing a new Program Development Form showing the changes from the previous form.

Changes in the Program Development Form, prior to admittance to candidacy, are made by the student's committee or advisor, as determined within each degree program, and approved by the Dean of the appropriate school.

Any courses being offered as transfer credit, as credit received, or as residence credit through any inter-institutional cooperative program must be claimed at the time the Program Development Form is originally filed, or before the end of the first academic period (summer, fall or spring) after which the credit has been earned, whichever is the earlier date.

It is the responsibility of the graduate student to keep all program changes up to date for a graduate degree.

Final Examination Requirements

The requirement of a final examination, written, oral, or both, in any non-thesis non-project program is optional with the department or interdisciplinary unit which fields the student's program. When the examination is required, it is administered by the unit concerned. The dates for these examinations are set by the Graduate School once each semester and summer session. They are listed in the calendar of the BSU Bulletin. A student is not eligible to apply for the final examination until he has been admitted to candidacy (filed the candidacy and graduation form).

Failure in the examination will be considered terminal unless the supervisory committee recommends, and the Dean of the Graduate School approves, a re-examination. Only one re-examination is permitted. At least three months must elapse before a re-examination may be scheduled.

The requirement of a final examination in defense of any thesis or project is optional with the department or interdisciplinary unit concerned. When required, a final examination in defense of a thesis or project, an additional member, who may be from outside the department or school, may be appointed by the Graduate Dean at his discretion. Application for the final comprehensive examination is made through the office of the dean of the school fielding the program.

Application for Predictive Examinations

As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria performance scores from predictive examinations, it is necessary that application be made without delay to take the examination.

Education and public administration students are not required, 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 University, to secure the forms necessary to make application for taking the predictive examination called the GMAT. Every effort should be made to take the GMAT as soon as possible because students will not be given program status before the GMAT results are reported. Courses taken before the student is admitted (i.e. "Unclassified status" courses) will not necessarily be allowed toward the M.B.A., even if the student is admitted subsequently.

Credit Limitation in Courses Graded Pass or Fail and Directed Research
GRADUATE SCHOOL

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 University.

596—Directed Research
Master's programs at Boise State University may include directed research credits, at the discretion of the graduate student's supervising committee or professor, through a limit of 9 credit hours, with no more than 6 credits in any one semester. The School of Business has a limitation of 3 credits of Internship and/or Directed Research for MBA students.

Elementary Education with Content Enrichment
The curriculum in Elementary Education with Content 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 earth 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 may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule may be granted by the Dean of the Graduate School with the explicit recommendation of the dean of the school responsible for the student's program.

Course Numbering System
Courses numbered 500 and above are intended primarily for graduate students. The number designates the educational level of the typical student in the class, i.e., he has graduated from college.

Other courses than graduate, numbered at the 300 or 400 levels, may be given g or G designations 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. No course numbered below 500 carries graduate credit unless the letter G or g is affixed.

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.
3. Graduate students enrolled in G or g courses will be required to do extra work in order to receive graduate credit for the courses.

APPLICATION FOR GRADUATE DEGREE
The last step in completing a graduate program consists of arranging for final record checking. To accomplish this, one completes the form entitled Application for Graduate Degree which can be obtained from the Graduate Admissions Office or from the Dean of Business or Education. Arrangements to order cap and gown for the graduation ceremony may be completed at the bookstore at the time of filing this application form.

University-Wide Numbering of Graduate Offerings:

580-589 Selected Topics
590 Practicum
591 Project
592 Colloquium
593 Research & Thesis
594 Extended Conference or Workshop (Graded A-F)
595 Reading and Conference
596 Directed Research
597 Special Topics
598 Seminar
599 Short-Term Conference or Workshop (Graded Pass or Fail). This number is available in any semester or session for courses meeting three (3) weeks or less.

Course listings and descriptions for graduate and undergraduate courses available for graduate credit can be found in the departmental listings of courses.
PART IX

Area Vo-Tech School

Director: Gilbert McDonald Miller
Assistant Director: Glen Linder

Vocational Counselors: Callies, Quinowski, Trimble
Adult Basic Education Coordinator: Huff
Adult Program Coordinator: Rodgers
State Fire Trainer: Tyree

SPECIALIZED SUBJECTS

Department Head: Bill LaRue
Applied Mathematics: Olson
Industrial Communications: Scholes, Tompkins
Industrial Physics: LaRue
Industrial Relationships: Tennyson

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 University.

(a) To fully matriculate a student must have on file in the Admissions Office: a completed application and $10 fee.
(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 Vocational Technical School.
(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 University, Boise, Idaho 83725.
(d) Pay $75 advance registration fee. This fee will apply on the regular registration fee.
VOCATIONAL TECHNICAL SCHOOL
Health Occupations

(e) Personal Interview: A personal interview is required.
(f) High school graduation or a G.E.D. is required in some programs and preferred in the others. All non-high school graduates must be out of high school one complete semester.

DEPARTMENT OF
HEALTH OCCUPATIONS

Department Head: Willa Chaffee
Dental Assisting: Harris, MacInnis
Operating Room Technology: M. Curtis, Gollick
Practical Nursing: Bowers, Dallas, Oliver, Towle

DENTAL ASSISTANT—CURRICULUM
9 Month Program

The Dental Assisting Program consists of Dental Assistant Theory, Dental Laboratory instruction and Clinical Experience. Boise State University works with the Dental Advisory Board in planning and promoting the program and curriculum. Changes may be made at any time to take advantage of advances in the Dental profession.

Entrance requirements: High School Diploma or Equivalency Certificate, acceptable scores on the G.A.T.B., personal interview and aptitude testing. Typing is a prerequisite. The dental assistant courses are taught by dental assistant instructors and guest dental lecturers.

This is an accredited program by the Council on Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of the course.

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<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
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<td>DA-106</td>
<td>Dental Assisting Clinical</td>
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<td>DA-108</td>
<td>Dental Office Management</td>
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<td>DA-109</td>
<td>Public Health and Dental Hygiene</td>
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<td>DA-111-112</td>
<td>Communication Skills</td>
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<td>Dental Theory</td>
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<td>DA-262</td>
<td>Occupational Relationships</td>
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<td>CM-111</td>
<td>Fundamentals of Speech</td>
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<td>First Aid (Elective)</td>
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</table>

Refund policy: Section I of the Catalog.

COURSES

DA DENTAL ASSISTING

DA-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, use of equipment and safety, and exposing and processing dental X-rays. Taken concurrently with DA 151-152. Sixteen clock hours per week. Fall semester. Minimum of six hours a week. Spring semester.

DA-106 Dental Assisting Clinical Experience (3 credits). Supervised chairside assisting experience in the private dental offices and dental clinics. Sixteen clock hours per week. Fall and Spring semesters.

DA-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.

DA-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.

DA-111 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester, course designed to maximize personal involvement.

DA-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, charts, related sciences, and dental specialty fields. Taken concurrently with DA 101-102. Six clock hours per week. Fall semester. Six clock hours per week. Spring semester.


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.

This Program has been accredited by the Joint Review Committee on Education for the Operating Room Technician, sponsored by American Medical Association Council on Allied Health Education.

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 University respectively. A complete medical and dental examination is required. A personal interview with the instructor is necessary before admission.

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 technician’s part in meeting these needs.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery.

Refund policy: Section I of the Catalog.

PRACTICAL NURSING PROGRAM

12 Month Program

The practical nursing program, in cooperation with three hospitals, a Long Term Care Facility and the State Board for Vocational Education, is approximately one calendar year in length and consists of 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 to practice 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 a pre-entry test, which are given by the Department of Employment and Boise State University respectively. A complete medical and dental examination is required. The selection Committee recommends to the director candidates for the program after a personal interview.

Classroom work includes instruction in the needs of individuals in health and in sickness, with emphasis on the practical nurse’s part in meeting those 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. Failure to meet requirements in either theory or clinical areas may result in termination from the program.
DEPARTMENT OF HEAVY TECHNOLOGIES

Department Head: Jack Ogden
Air Conditioning: Tucker
Industrial Plant Maintenance: Allen
Machine Shop: Baggerly, Clarkson
Utility Lineman: Waugh
Welding: Arambarger, Buchanan, Ogden

AIR CONDITIONING, REFRIGERATION, AND HEATING
11 Month Program

The Air Conditioning, Refrigeration, and Heating curriculum offers laboratory experience, theory classes and related subjects, designed to prepare students for entry level jobs.

Emphasis will be on the servicing of commercial equipment and will cover all phases of knowledge necessary to repair the equipment.

The student will learn to work with tools and equipment with emphasis on safety at all times.

Credits in this program are not counted toward an academic degree.

<table>
<thead>
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<th>FALL</th>
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<tr>
<td>Air Conditioning Lab</td>
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<tr>
<td>Air Conditioning Theory</td>
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<tr>
<td>Occupational Relations</td>
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<tr>
<td></td>
<td>17</td>
<td>15</td>
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COURSES

RH AIR CONDITIONING, REFRIGERATION, AND HEATING

121-122-123 Air Conditioning, Refrigeration, and Heating Laboratory (10-10-10 credits). These courses provide the laboratory applications of principles covered in the Theory class. Skills will be developed and practice will be given in these skills which will be needed by the service person. Different phases of air conditioning, refrigeration, and heating will be covered. 25 clock hours per week.

141-142-143 Air Conditioning, Refrigeration, and Heating Theory (5-5-5 credits). This course provides a basic understanding of the equipment and tools used on commercial equipment. Emphasis is on causes of break downs and the making of necessary repairs. Test equipment use and inspection of components such as relays, thermostats, motors and refrigerant lines are studied. 10 clock hours per week.


MECHANICAL PLANT MAINTENANCE
9 Month Program

The Mechanical Plant Maintenance Curriculum provides the student with both laboratory experience and practical theory. Theory instruction includes mathematics, basic electricity, blueprint reading, safety, hydraulics, welding, trouble shooting and other subjects related to the occupation.

Students will learn the use of the tools and of the trade, and the operation, lubrication, and adjustment of the machinery and equipment which they will maintain.

Credits in this course of study are not counted toward an academic degree.

Costs:
Registration: $140.00 for 12 months (payable $70.00 per semester)
Refund Policy - see Section I of the Catalog.

VOCATIONAL TECHNICAL SCHOOL
Heavy Technologies

COURSE NO. AND TITLE | FALL | SPRING |
<table>
<thead>
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<tbody>
<tr>
<td>Mechanical Maintenance Lab</td>
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<tr>
<td>Mechanical Maintenance Theory</td>
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<tr>
<td>Occupational Relationships</td>
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</tbody>
</table>

COURSES

PM MECHANICAL PLANT MAINTENANCE

121-122 Mechanical Plant Maintenance Lab (10-10 credits). These courses provide the laboratory application of principles covered in the Theory class. Students will learn the use of the tools of the trade, also the operation, lubrication, repair and maintenance of the machinery and equipment which they will maintain. 20 clock hours per week.

141-142 Mechanical Plant Maintenance Theory (5-5 credits). These courses include the mathematics, basic electricity, blueprint reading, safety, and related instruction in trouble shooting and other subjects related to the occupation. 10 clock hours per week.


MACHINE SHOP

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:

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>MS 101, 102 Machine Shop Laboratory</td>
<td>8</td>
<td>8</td>
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<tr>
<td>MS 111 Communication Skills</td>
<td>3</td>
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<tr>
<td>MS 121, 122 Related Blueprint Reading</td>
<td>2</td>
<td>2</td>
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<tr>
<td>MS 151, 152 Related Theory</td>
<td>6</td>
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SOPHOMORE YEAR:

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<th>1ST SEM.</th>
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<tbody>
<tr>
<td>MS 201, 202 Advanced Machine Shop Laboratory</td>
<td>8</td>
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</tr>
<tr>
<td>MS 231 Related Basic Mathematics</td>
<td>6</td>
<td>8</td>
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<td>MS 232 Related Advanced Math</td>
<td>2</td>
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<tr>
<td>MS 262 Occupational Relationships</td>
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</tr>
</tbody>
</table>

COURSES

MS MACHINE SHOP

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 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being. regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, two semester, credit course designed to maximize personal involvement.

124-125 Related Blueprint Reading (2-2 credits). A study of the principles and techniques of reading blueprints as applied to the Machine Shop. The mathematics of fractions, decimals and angular dimensions will also be studied. The sketching and drawing of actual shop type prints will enable the student to better understand the techniques used in the reading of Machine Shop blueprints. 4 hours per week lecture and lab.

151, 152 Related Theory (8-3 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, metal cutting, selection of metals, tool design, coolants, allowance and tolerance, and production methods. Related mathematics as applied to set up, indexing, bench work, speeds and feeds, layout measuring increments and metalurgy will also be studied. First semester: MS 151, 6 hours per week. Second semester: MS 152, 3 hours per week (Prerequisite: MS 151).
VOCATIONAL TECHNICAL SCHOOL
Heavy Technologies

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 testing, 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 Related Basic Mathematics (6 credits, 1st semester). A study of fractions, decimals, the metric system and uses of tables as applied to the machine shop. Also basic algebra and geometry as applied to the machine shop. 8 clock hours per week.

232 Related Advanced Mathematics (8 credits, 2nd semester). A study of trigonometry and geometry as applied to shop problems and the mathematics needed for numerical control machinery. A study of scientific principles required in the machinist trade is also studied. 10 clock hours per week. Prerequisite: Related Basic Math MS 231.


ELECTRICAL LINEMAN

11 month program

The Electrical Lineman curriculum provides the student with both field training and practical theory in all phases of power line installation and maintenance. The program is designed to produce a skilled apprentice lineman. In addition, the student will earn a completion card in the American Red Cross multi-media First Aid Course.

In the laboratory the student will work on real equipment such as transformers. In the field he will perform underground, overhead distribution, and construction and maintenance. The student will learn to work with all necessary tools and equipment of his craft with emphasis on safety at all times.

Credits in this course of study are not counted toward an academic degree.

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<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
<th>FALL</th>
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<tr>
<td>EL-101-102-103 Lineman Lab</td>
<td>10 10 10</td>
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<tr>
<td>EL-151-152-153 Lineman Theory</td>
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<tr>
<td>EL-262 Occupational Relationships</td>
<td>2 17 15</td>
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</tbody>
</table>

COURSES

EL ELECTRICAL LINEMAN

101-102-103 Lineman Laboratory (10 credits). The field training consists of actual job experience in an "out-of-doors" school laboratory. It will cover climbing, setting and removing various sizes of poles, framing, guy work, use of conductors, transformers, transformers,streetlights, installation of services, tree trimming, and the use and care of safety equipment. 25 hours per week.

181-182-183 Lineman Theory (5 credits). The related theory for the Lineman Program conducted in the classroom and laboratory facility is so arranged to provide ample opportunity for acquaintance with the materials and hardware of the trade, while at the same time covering the theory of their use. An application of education basic to the trade will be emphasized with classes in electricity, blueprint reading, construction techniques, transmission, distribution systems, underground procedures, first aid and safety. 10 hours per week.


WELDING

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.

Welding Communications (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, one semester, credit course designed to maximize personal involvement.

131-132 Related Basic Mathematics (3 credits). Basic review of addition, subtraction, multiplication and division of fractions, decimals and mixed numbers with application to basic blueprint reading, layout problems, framing square and weld symbols.

151-152 Welding Theory (2 credits). This course provides the knowledge necessary for the welding student to understand the welding processes and their application as practiced in the laboratory course. Safety is emphasized in all phases of instruction. The set-up, care and maintenance of oxyacetylene equipment as well as the theory of oxyacetylene burning, welding and brazing is studied. Arc welding equipment and methods are studied with the selection of electrodes for welding of mild and low alloy steels. Continuous lead and submerged arc welding processes are covered. Four hours per week, both semesters.

201-202 Advanced Welding Laboratory (6 credits). Pipe welding in the horizontal and vertical fixed positions, manual and semi-automatic inert gas welding of similar and dissimilar metals and exotic metals. Stress relieving and heat treatment of metals. Twenty clock hours per week each semester. Prerequisite: Welding Laboratory W-102.

212 Shop Management (3 credits). This course covers shop safety, determining welding cost, for job, quality control and installation and maintenance of equipment. Three clock hours per week.

231-232 Related Advanced Mathematics (3 credits). Blueprint reading, layout and design, fitting layout and details. Basic Algebra, Geometry, Blueprint reading, layout and design. Three clock hours per week each semester. Prerequisite: Related Basic Mathematics W-132.


BASIC WELDING 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.
VOCA TIONAL TECH NICAL SCHOOL
Light Technologies

DEPARTMENT OF LIGHT TECHNOLOGIES

Department Head: Dewey Cofield
Electronic-Mechanical Service Technician: Houston, Jones
Drafting: Burkey, Leigh, Watts, Weston
Electronics: Cofield, D. Millard, K. Millard

ELECTRONIC-MECHANICAL SERVICE TECHNICIAN

The Electronic Mechanical Service Technical program provides training for the individual that wishes to repair electronic or mechanical devices. The emphasis in this program is how to repair and very little on the mathematical or theoretical approach. Students entering into this program have two options open to them before graduation. At the end of the freshman year they may choose Consumer Electronics or Business Machine Technician. During the sophomore year, the student will specialize in one of these two fields.

Students graduating from either field will receive a diploma. Credits in this curricula are generally not transferable toward an academic degree.

CONSUMER ELECTRONICS (OPTION)

COURSES

ES 101-102 Welding Lab 8
ES 111 Welding Communications 3
ES 131-132 Related Basic Math 3
ES 151-152 Welding Theory 2
ES 262 Occupational Relationships 2

W BASIC WELDING

Basic Welding courses are described under Welding.

BUSINESS MACHINE TECHNOLOGY (OPTION)

The course and outline in Business Machine Technology has been developed to give the student of the course enough basic knowledge to be productive and able to perform the 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 technician. He will be trained in Basic Electronics, testing procedures, and maintenance techniques for manual, electric, and electronic business machines. Pre-requisite: Electronic-Mechanical Service Technician one year Freshman course.

COURSES

BM 201-202 Adv. Business Machine Lab 8
ES 271-272 Digital Electronics 3

PT PRE-TECHNICAL — SEQUENCE

This is a one-semester pre-technical sequence for those students who lack the recommended prerequisite courses deemed necessary to compete. complete and succeed in a regular vocational-technical curriculum. This course is offered as a refresher course for those students who have had an excessive period of time elapse since their last formal schooling.

COURSES

PT-010 Blue Print Reading and Basic Mechanical Drawing 3
PT-020 Intro. to Tech. Communications 3
PT-030 Intro. to Tech. Mathematics 4
PT-040 Science Survey 4
PT-050 Technical Orientation 2

TOTALS 15 25 hours

The above non-credit courses are open to all students entering the technical programs in Boise State University. The above sequence is offered every semester, as student pressure demands and will allow admittance in the spring as well as the fall semester.

COURSES

PT PRE-TECHNICAL

010 Blueprint Reading and Basic Mechanical Drawing (3 credit equiv.). An introductory course in blueprint reading, sketching and drafting methods and procedures. Ten hours per week—lecture/lab.
VOCATIONAL TECHNICAL SCHOOL
Light Technologies

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. Three 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. Five hours per week-lecture.

040 Science Survey (4 credit equiv.). Review of science as related to technical industry with practical problems and applied solutions. Five 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. Three hours per week lecture.

DRAFTING TECHNOLOGY

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.

First Semester

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DT 101</td>
<td>Drafting Laboratory and Lecture</td>
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<tr>
<td>DT 111</td>
<td>Communication Skills</td>
<td>3</td>
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<tr>
<td>DT 131</td>
<td>Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>DT 141</td>
<td>Science</td>
<td>3</td>
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<tr>
<td>DT 153</td>
<td>Manufacturing Processes</td>
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Second Semester

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<tbody>
<tr>
<td>DT 102</td>
<td>Drafting Laboratory and Lecture</td>
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<tr>
<td>DT 112</td>
<td>Communication Skills</td>
<td>3</td>
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<tr>
<td>DT 122</td>
<td>Introduction to Surveying</td>
<td>3</td>
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<tr>
<td>DT 132</td>
<td>Math</td>
<td>4</td>
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<tr>
<td>DT 142</td>
<td>Science</td>
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Third Semester

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<tr>
<td>DT 201</td>
<td>Drafting Laboratory and Lecture</td>
<td>4</td>
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<tr>
<td>DT 221</td>
<td>Descriptive Geometry</td>
<td>3</td>
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<tr>
<td>DT 231</td>
<td>Applied Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>DT 241</td>
<td>Statics or DT 242 Strength of Materials</td>
<td>4</td>
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<tr>
<td>DT 253</td>
<td>Design Orientation</td>
<td>2</td>
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<tr>
<td>DT 262</td>
<td>Occupational Relationships</td>
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Fourth Semester

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>DT 202</td>
<td>Drafting Laboratory and Lecture</td>
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<tr>
<td>DT 222</td>
<td>Technical Report Writing</td>
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<tr>
<td>DT 232</td>
<td>Applied Mathematics</td>
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<tr>
<td>DT 242</td>
<td>Strength of Materials or DT 241 Statics</td>
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<tr>
<td>* DT 263</td>
<td>Specialized Graphics</td>
<td>2</td>
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</tbody>
</table>

*or approved elective

DT DRAFTING TECHNOLOGY

101 Drafting Laboratory and Lecture (4 credits). Mechanical drafting with basic drafting techniques, standards, and methods. 15 clock hours per week.

102 Drafting Laboratory and Lecture (4 credits). Architectural drafting with tension, compression and bending; introduction to limited structural design. 15 clock hours per week. Prerequisite: DT 132.

111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As a team member, writer, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is nongraded. two semester, credit course designed to maximize personal involvement.

122 Surveying (3 credits). Introduction to surveying, methods and computation. Required field work, emphasis on compiling data and office computation, 4 clock hours per week. Prerequisite or corequisite with DT 132.

131 Mathematics (5 credits). Fundamentals of algebra with an introduction to trigonometry and the use of the slide rule. Prerequisite: satisfactory grade in high school algebra or equivalent. Five clock hours per week.

132 Mathematics (4 credits). Advanced algebra and trigonometry, closely integrated with drafting, surveying and science. Prerequisite: DT 131 or equivalent. Four clock hours per week.

140 Applied Physics (3 credits). A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and fluids.

142 Applied Physics (3 credits). 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.


201 Drafting Laboratory and Lecture (4 credits). Civil drafting, mapping, highway curves, and earthwork. Fifteen clock hours per week. Prerequisite: DT 122. DT 132. DT 102.

202 Drafting Laboratory and Lecture (4 credits). Structural drafting terminology, structural and reinforcing steel specifications and drawing practice. Prerequisite: DT 201. DT 221. Fifteen clock hours per week.

221 Descriptive Geometry and Development (3 credits). Theory and practice of coordinate projection applied to the solution of properties of points, lines and surfaces. Prerequisite: DT 122. DT 132.

222 Technical Report Writing (2 credits). A course to provide an understanding and practice in the processes involved in technical writing and methods of preparing report based on problems related to the student's curriculum. Two clock hours per week.

231 Applied Mathematics (3 credits). Solution of practical problems involving concepts from DT 131 and DT 132 Math. Prerequisite: DT 132. Four clock hours per week.

232 Applied Mathematics (3 credits). Prerequisite: DT 231. Four clock hours per week. Application and expansion of mathematics, statics and strength of materials. Related to lab projects.

241 Statics (4 credits). Introductory course in statics with emphasis on analysis of simple structures. Four clock hours per week. Prerequisite: DT 132.

242 Strength of Materials (4 credits). Analysis of stress and strain in tension, compression, and bending; introduction to limited structural design. Four clock hours per week. Prerequisite: DT 132.

253 Design Orientation (2 credits). 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. Three clock hours per week.


263 Specialized Graphics (2 credits). An intensive study of perspective and rendering as used in industrial illustration, and architectural rendering and civil engineering graphics. Lecture-laboratory. Three clock hours per week.

ELECTRONICS — CURRICULUM

The Electronics Technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in manufacturing, field troubleshooting, and research and development.

Credits in these courses of study are generally not counted toward an academic degree.

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ET-101-102</td>
<td>Electronics Laboratory</td>
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<tr>
<td>ET-104</td>
<td>Digital Computer Programming</td>
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<tr>
<td>ET-111-112</td>
<td>Communication Skills</td>
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<tr>
<td>ET-121</td>
<td>Electronic Drafting</td>
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</tr>
<tr>
<td>ET-131-132</td>
<td>Basic Electronics Math</td>
<td>4</td>
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<tr>
<td>ET-141</td>
<td>Basic Physical Science</td>
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<tr>
<td>ET-151-152</td>
<td>Electronic Theory</td>
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<tr>
<td>ET-171-172</td>
<td>Circuit Analysis</td>
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SOPHOMORE YEAR:

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<th>Course Title</th>
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<tbody>
<tr>
<td>ET-201-202</td>
<td>Adv. Electronic Laboratory</td>
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<tr>
<td>ET-231-232</td>
<td>Advanced Electronic Math</td>
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<tr>
<td>ET-241-242</td>
<td>Advanced Electronic Science</td>
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<tr>
<td>ET-251-252</td>
<td>Advanced Electronic Theory</td>
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<td>ET-262</td>
<td>Occupational Relationships</td>
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<td>ET-271-272</td>
<td>Digital Electronics</td>
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<td>ET-281</td>
<td>Digital Systems Design</td>
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</table>
**COURSES**

**ET ELECTRONICS**

101 Electronics Laboratory (2 credits). Study of basic electricity, color code, test equipment, LCR components, basic semiconductors. Ten hours laboratory per week.

102 Electronics Laboratory (2 credits). A continuation of ET-101. Basic radio receiver analysis, and basic amplifiers, printed circuit design and processing, logic circuits. Prerequisite: Electronics Laboratory ET-101. Ten hours laboratory per week.

104 Digital Computer Programming (2 credits). Course for Electronics majors to introduce programming principle and logic. Consideration given to input/output, arrays, functions, prerequisite ET-131 or equivalent. 2 clock hours per week.

111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, two semester, credit course designed to maximize personal involvement.

121 Electronic Drafting (1 credit). Directed study designed to instruct the student in the practice of drawing schematics, good engineering lettering techniques, block-diagramming, flow diagrams, and understanding symbols, dimensions and designs. 1 clock hour per week. (Pass-Fail)

131-132 Basic Electronics Mathematics (4-4 credits). First semester — Review of basic fundamentals of mathematics, algebra, geometry, and basic trigonometry. Second semester — A continuation of first semester, logarithms, and an introduction to analytical geometry. The course will prepare the student for calculus. Five clock hours per week.

141 Basic Physical Science (2 credits). This course is designed to acquaint the electronics technician with the basic principles of chemistry, mechanics, heat, sound, light, nuclear physics and magnetism. 2 clock hours per week.

151 Electronics Theory (5 credits). The theory of basic electricity, color code, test equipment, L, C, and R components; transistors, vacuum tubes and an introduction to logic circuits. Five clock hours.

162 Electronics Theory (5 credits). A continuation of ET 151 with an emphasis placed on the function of the components, studied first semester, into systems in this course. These systems include basic amplifiers. AM receivers and logic circuits. Special emphasis is placed on transistor circuit design and five clock hours per week.

171-172 Circuit Analysis (3 credits). The purpose of this course is to immediately get the beginner into practical circuits of electrician type and let him see that all the theoretical materials covered do have application. This has two purposes: to get him involved with useful circuits and schematic symbols and to make him employable at lower levels than electronic technician if his withdrawal from the program becomes necessary. This course advances to solid state electronic circuitry as ET 151-152 gets to this point. Both semesters the student is expected to analyze, debate, and report on circuits he is seeing for the first time. 5 clock hours.

201, 202 Advanced Electronic Lab (5 credits). These courses would follow the same description as ET 251-252 (Theory) but would be concerned with the test, measurement, and calibration of those circuits covered during theory. 10 clock hours.

213, 232 Advanced Electronic Math. (3 credits). Differential and Integral calculus is covered on a continuing basis both semesters. Starting with limits, basic differentiation, trigonometric functions, logarithmic functions and basic differential equations. 3 clock hours.

241-242 Electronics Science (2 credits). The application of the electro-electronics principles, to the measurement and control of the physical properties of heat, light, sound, etc. Prerequisite: ET 141 2 clock hours per week.

251, 252 Advanced Electronic Theory (4 credits). The study of solid state industrial control devices: unijunctions, diacs, triacs, SCR's, operational amplifiers, and power amplifiers. In both semesters, analysis of circuits never seen before is highly stressed. 5 clock hours.


271-272 Digital Electronics (3 credits). Binary concepts, basic logics, boolean algebra, counters, adders, basic computer circuits, second semester advanced concepts and analytical troubleshooting of digital devices. 3 clock hours per week.

282 Digital Systems Design (3 credits). Concepts of boolean algebra, logic components, combinational and sequential circuit analysis and synthesis, number systems. Spring semester only. Prerequisite ET-271 and consent of instructor. 3 clock hours per week.

**DEPARTMENT OF MECHANICAL TECHNOLOGIES**

Department Head: John Haydon

Auto Body: B. Curtis

Automotive Mechanics: Schroeder, Haydon, King, Mikesell

Heavy Duty Mechanics: Alonzo

Parts Counterman: Lamborn

Small Engine Repair: Schroeder

**AUTO BODY — 11 Month Program**

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. 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.

**COURSES**

**AB AUTO BODY**

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 housekeeping, oxy-acetylene welding, painting fundamentals, metal working and shrinking, plastic and lead body filling, advanced painting processes, frame alignment and panel replacement. Twenty-five 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. Ten hours lecture summer and fall and eight hours lecture spring per week.


**AUTOMOTIVE MECHANICS**

40 Week Program

The Automotive Mechanics program consists of 40 weeks of instruction. Specialty areas within the program may be taken after testing and approval by instructor.

**COURSES**

**FALL SPRING SUMMER**

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
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<tbody>
<tr>
<td>AB-121-122-123 Auto Body Lab</td>
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<tr>
<td>AB-141-142-143 Auto Body Theory</td>
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<tr>
<td>AB-262 Occupational Relationships</td>
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</tr>
</tbody>
</table>

17 17 12

161 Electronics Theory (5 credits). The theory of basic electricity, color code, test equipment, L, C, and R components; transistors, vacuum tubes and an introduction to logic circuits. Five clock hours per week.

171-172 Circuit Analysis (3 credits). The purpose of this course is to immediately get the beginner into practical circuits of electrician type and let him see that all the theoretical materials covered do have application. This has two purposes: to get him involved with useful circuits and schematic symbols and to make him employable at lower levels than electronic technician if his withdrawal from the program becomes necessary. This course advances to solid state electronic circuitry as ET 151-152 gets to this point. Both semesters the student is expected to analyze, debate, and report on circuits he is seeing for the first time. 5 clock hours.

201, 202 Advanced Electronic Lab (5 credits). These courses would follow the same description as ET 251-252 (Theory) but would be concerned with the test, measurement, and calibration of those circuits covered during theory. 10 clock hours.

213, 232 Advanced Electronic Math. (3 credits). Differential and Integral calculus is covered on a continuing basis both semesters. Starting with limits, basic differentiation, trigonometric functions, logarithmic functions and basic differential equations. 3 clock hours.

241-242 Electronics Science (2 credits). The application of the electro-electronics principles, to the measurement and control of the physical properties of heat, light, sound, etc. Prerequisite: ET 141 2 clock hours per week.

251, 252 Advanced Electronic Theory (4 credits). The study of solid state industrial control devices: unijunctions, diacs, triacs, SCR's, operational amplifiers, and power amplifiers. In both semesters, analysis of circuits never seen before is highly stressed. 5 clock hours.


271-272 Digital Electronics (3 credits). Binary concepts, basic logics, boolean algebra, counters, adders, basic computer circuits, second semester advanced concepts and analytical troubleshooting of digital devices. 3 clock hours per week.

282 Digital Systems Design (3 credits). Concepts of boolean algebra, logic components, combinational and sequential circuit analysis and synthesis, number systems. Spring semester only. Prerequisite ET-271 and consent of instructor. 3 clock hours per week.
COURSES

BASIC AUTOMOTIVE MECHANICS

AM 100 Basic Automotive Mechanics (8 credits). The Basic Automotive Mechanics section of the program consists of 8 weeks of instruction which includes orientation to the University, automotive industry and safety policies, along with theory and practice of the use and care of mechanics tools and equipment, fasteners, precision measuring devices, tube fabrication and soldering. This will also include fundamentals and construction of electrical systems, engine, cooling systems, vehicle control systems, fuel systems, and power train. The student must satisfactorily complete all theory and laboratory assignments or pass challenge exam before progressing into Intermediate Auto Mechanics. Consists of approximately 10 hours a week theory and 20 hours a week laboratory.


INTERMEDIATE AUTOMOTIVE MECHANICS

The Intermediate Automotive Mechanics section of the program consists of 16 weeks of instruction and covers all phases of the automobile in both classroom theory, laboratory projects and mock up training aids are utilized. Approximately 10 hours a week theory and 20 hours a week laboratory. The student must satisfactorily complete all workbook and laboratory assignments before progressing to Advanced Automotive Mechanics. Basic Mechanics or a challenge exam is a prerequisite to Intermediate Mechanics.

AM 110 Electrical (3 credits). This course covers various types of electrical components and wiring systems of the automobile using the latest testing and diagnostic equipment.

AM 111 Engine (3 credits). This course includes theory and laboratory practice of engine overhaul procedure on live engines to the manufacturer specifications.

AM 112 Fuel Systems (1 credit). This advanced course on two and four barrel carburetors consisting of theory, repair and diagnostic procedures.

AM 113 Power Train (2 credits). This course includes laboratory practice and proper overhaul procedures to manufacturers specifications on clutch, manual transmissions, over drives, drive lines, differentials and axles.

AM 114 Vehicle Control Systems (3 credits). This course will include front end alignment, wheel balancing, suspension repair, drum and disc brake repair and machine work.

AM 115 Air Conditioning, (1 credit). This course includes theory and new operating principles as used in the automobile, including related control and component operation and diagnosis. It also includes the proper care and handling, special tools, and equipment used in the air conditioning service.

AM 116 Automatic Transmissions (3 credits). This course will include basic automatic transmission principles, operation and construction including servicing and repairing of mock up units.

ADVANCED AUTO MECHANICS

AM 120 Advanced Auto Mechanics (8 credits).

AM 121 Advanced Auto Mechanics (8 credits).

The Advanced Automotive Mechanic section of the program consists of two 8 week sessions of instruction which includes a study of failure analysis of present day job shop vehicles in actual shop conditions. Practice of shop management, customer relations, routing of shop work and parts ordering techniques. Consists of approximately 5 hours a week theory and 25 hours a week laboratory.

After completing set course objective, student can be employed at Instructor’s recommendation. Graduation will be based on student’s job performance.

HEAVY DUTY MECHANICS—DIESEL

11 Month Program

This program is designed to prepare students for employment as heavy duty mechanics in the trucking industry. Instruction will cover basics in design and fundamentals of operation of diesel and heavy duty gasoline engines as well as the other component parts of the truck. Instruction will be on mock-ups and live work in the shop.

COURSES

DM HEAVY DUTY MECHANICS—DIESEL

101-102 Diesel Laboratory (10-10-10 credits). This course provides the laboratory application of principles covered in the theory class. Basic instruction will be on mock-ups and shop units but most experience will be in making actual repairs to live units.

151-152 Diesel Theory (5-5-5 credits). A study of the design, construction, maintenance and repair of trucks and diesel and heavy duty gasoline engines. Shop safety, care and use of tools, internal combustion engines, transmissions and power trains, cooling systems, fuel systems, electrical systems, suspension and hydraulic and air brakes will be studied.


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 are considered.

PC PARTS COUNTERMAN—Courses

101-102 Automotive Parts Laboratory (10-10-10 credits). In the laboratory experience, the students 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.

131 Related Basic Mathematics (2 credits). Basic arithmetic and a study of fractions, decimals and and percentages are covered. Micrometer readings to ten thousandths of an inch are taught. The different types of discounting are fully covered.

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 covered. New methods such as microfilm readers are used in the theory portion of the class.


SMALL ENGINE REPAIR

(Recreational Vehicles) 9 months

The Small Engine Program will include classroom and shop experience concerned with maintaining and repairing a variety of two cycle and four cycle engines used on portable power equipment, e.g., lawn mowers, outboard motors, chain saws, rotary tillers and recreational vehicles. Training will emphasize the complete repair of all types of small engine equipment.

Credit in this course of study are not counted toward an academic degree.
### COURSES

#### SE SMALL ENGINE REPAIR

101 Small Engine Laboratory (14 credits). This course will include application and instruction in the repair and overhaul of small engine units with emphasis on lawn and garden equipment. Twenty-five clock hours per week.

102 Small Engine Laboratory (14 credits). The repair and maintenance of recreational vehicles such as motorcycles, snowmobiles and outboard marine engines is emphasized. Twenty-five clock hours per week.

141 Small Engine Theory (2 credits). This course provides a basic understanding of the internal combustion engine and application of principles to two and four cycle engines. Fundamentals in carburetors, electrical and basic circuitry is covered. Eight clock hours per week.

142 Small Engine Theory (2 credits). This course includes instruction on the repair and maintenance of power train, auxiliary clutching, trouble shooting, fuels, exhaust and engine tune-up. It includes the theory of marine engines and chain saws. Eight clock hours per week.


#### DEPARTMENT OF SERVICE OCCUPATIONS

**Department Head:** Glenda Trumbo  
**Child Care:** Correll, Lingenfelter  
**Food Service:** Hoff, R. Smith  
**Horticulture:** Griffith, Oyler  
**Mid Management:** Knowlton, Lane, Scudder  
**Office Occupations:** Metzgar, Potas, Trumbo

### 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.

#### DAY CARE ASSISTANT:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>CC-101 Introduction to Child Development</td>
<td>3</td>
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<tr>
<td>CC-151 Introduction to Child Development</td>
<td>—</td>
<td>3</td>
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<tr>
<td>CC-111-112 Communication Skills</td>
<td>3</td>
<td>3</td>
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<tr>
<td>CC-141 Health and Care of the Young Child</td>
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<tr>
<td>CC-171-172 Curriculum of the Young Child</td>
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<td>3</td>
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<tr>
<td>CC-181-182 Child Care Laboratory</td>
<td>3</td>
<td>—</td>
<td>—</td>
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<tr>
<td>CC-125-126 Contracted Field Experiences in Early Childhood Programs</td>
<td>1</td>
<td>1</td>
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<tr>
<td>CC-135-136 Planning and Evaluation of Laboratory Exper.</td>
<td>2</td>
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</tbody>
</table>

**total credits** 17 16

### VOCATIONAL TECHNICAL SCHOOL

#### Service Occupations

<table>
<thead>
<tr>
<th>DAY CARE TEACHER/SUPERVISOR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>CC-251-254 Advanced Child Care</td>
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<td>3</td>
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<tr>
<td>CC-231-232 Child Care Center</td>
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<tr>
<td>CC-252 Family and Community Involvement with Children</td>
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<tr>
<td>CC-261 Occupational Relationships</td>
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<tr>
<td>CC-241-242 Feeding Children</td>
<td>2 2</td>
<td></td>
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<tr>
<td>CC-201-202 Child Care Center Supervision</td>
<td>3 3</td>
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<tr>
<td>CC-225-226 Contracted Practicum in Early Childhood Supervision</td>
<td>2 2</td>
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</tr>
<tr>
<td>CC-235-236 Planning and Evaluation of Child Care Center supervision</td>
<td>1 1</td>
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</tr>
</tbody>
</table>

**total credits** 16 16

### CC CHILD CARE

**101 Introduction to Child Development (3 credits).** A beginning study of child growth and development, the individual and his environment, and the methods of understanding and learning about children.

**111, 112 Communication Skills (3 credits).** To manage and control bringing meaning, clearly, and exactly, is the primary objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunities to increase and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

**125-126 Contracted Field Experience in Early Childhood Programs (1-1 credits).** Individual contract arrangements involving student, instructor and cooperating community agency to gain practical experience in off-campus settings. The student will visit, observe and participate in community child care settings.

**135-136 Planning and Evaluation of Laboratory Experience (2-2 credits).** Classroom lectures and discussion to include lab observation and records as a basis for developing curriculum and guiding child behaviors, methods of curriculum planning and evaluation, activity plans, classroom objectives, and staff performance and relations.

**141 Health and Care of the Young Child (2 credits).** Safety practices in child care centers, basic nutrition, and general health education necessary for working with children will be stressed. The teacher’s health and well-being as it affects children with whom she is working will be covered. Required in the course of study will be the Red Cross multi-media first-aid emergency training. In compliance with state licensing regulations a Tuberculin test is also required.

**151 Introduction to Child Development (3 credits).** Studies of guidance and discipline will be continued, along with some techniques of handling behavior problems in the nursery school. Classroom structures, theories of preschool instruction, and methods of nursery school teaching will be included.

**171-172 Curriculum of the Young Child (3-3 credits).** Introduction to the curricula media suitable for preschool children. The course will include the theories of teaching young children in the preschool environment: the need for a curriculum in nursery school; the importance of children's play, and specific information and material in the following areas: creative art, books and story telling, music and rhythm, environmental science, and beginning number and letter recognition.

**181-182 Child Care Laboratory (3-3 credits).** Observation and participation in the laboratory preschool. Students in this course will participate directly with children assuming the role of aide and assistant teacher. The student will plan and carry out a variety of daily activities and attend staff meetings. Students will become acquainted with the curriculum, classroom arrangement, daily schedules, child guidance, and responsibilities of staff personnel.

**201-202 Child Care Center Supervision (3-3 credits).** Observation and participation in the laboratory preschool. This course is designed to enable to student to gradually assume responsibility for the total child care operation under the supervision and consultation of the instructor. Students will assume the role of head teacher in a child care center planning the curriculum, coordinating and supervising staff responsibilities, conducting staff meetings, and planning daily and weekly schedules. Students will explore the use of various techniques for observing and recording the behavior of young children in preparation for child evaluations and parent-teacher conferences.

**225-226 Contracted Practicum in Early Childhood Programs (2-2 credits).** By permission of instructor. A course designed to meet specific needs of the student as determined by both the student and instructor. A practical application of knowledge and skills in community child care settings. Individual contract arrangements involving student, instructor and cooperating agency to gain practical experience in off-campus settings.

**231-232 Child Care Center Management (2-2 credits).** This course is designed to give the student a fundamental knowledge of the operation of a child care center as a business, Business arithmetic, record keeping (financial, operational, staff, etc.). Purchasing of equipment, materials and supplies, and employer-employee relationships will be stressed. Bookkeeping practices for an actual day care center will be included.
VOCATIONAL TECHNICAL SCHOOL
Service Occupations

235-236 Planning and Evaluation of Child Care Center Supervision (1-1 credits). Classroom lecture and discussion to include management of child care programs, methods for supervising staff, child guidance techniques, curriculum and staff evaluations, methods of working with parents, daily classroom management, and curriculum development to meet specific needs of individual children.

241-242 Feeding Children (2-2 credits). The nutritional requirements of preschool children will be emphasized. The course is designed to help the student plan, purchase, prepare and serve nutritious snacks and meals to children in child care centers. Studies will include diet plans for sick children, handling food allergies and the development of positive mealtime attitudes. Emphasis will also be placed on the economics of good nutrition for a child care center.

251-254 Advanced Child Care (3-3 credits). History and background of child care in the United States will be studied, and a study will be made of the types and kinds of child care centers suitable for young children that are present in the Boise area. Also covered will be the qualifications of the teacher and/or supervisor for day care centers. Second semester students will emphasize infant day care, work with exceptional children and qualifications needed for kindergarten aides. Some knowledge of kindergarten curriculum will also be stressed.

252 Family and Community Involvement with Children (3 credits). The students will be given a basic understanding of the history and dynamics of family interaction, as affected by the social and technological changes taking place today. Also studied will be the social, economic and ethnic factors as they affect the family's capacity to function. This will include the basic concepts of family decision making, the setting of goals and determining family and personal values. A study will be made of cultural life styles and emphasis will be placed on the need for establishing effective relationships with parents and co-workers. Community resources and resource persons will be considered as to their value to families, child care centers and the people who will be operating the centers.


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.</th>
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</thead>
<tbody>
<tr>
<td>CC-101</td>
<td>Introduction to Child Development</td>
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<tr>
<td>CC-151</td>
<td>Introduction to Child Development</td>
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<td>CC-111-112</td>
<td>Communication Skills</td>
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<td>CC-141</td>
<td>Health and Care of the Young Child</td>
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<td>CC-171-172</td>
<td>Curriculum of the Young Child</td>
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<tr>
<td>CC-181-182</td>
<td>Child Care Laboratory</td>
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<tr>
<td>CC</td>
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<td>CC</td>
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CC CHILD CARE STUDIES (Assistant)
Child Care Studies (Assistant) courses are described under (supervisor) Child Care Studies.

FOOD SERVICE TECHNOLOGY

FIRST SEMESTER

<table>
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<tr>
<th>Course No.</th>
<th>Title</th>
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<tr>
<td>FT-151</td>
<td>Food Theory and Techniques</td>
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<tr>
<td>FT-111</td>
<td>Communicative Skills</td>
<td>2</td>
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<tr>
<td>FT-131</td>
<td>Applied Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>FT-101</td>
<td>Food Presentation Systems &amp; Techniques</td>
<td>4</td>
</tr>
<tr>
<td>FT-262</td>
<td>Occupational Relationships</td>
<td>1</td>
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<tr>
<td>FT-141</td>
<td>Basic Nutrition</td>
<td>2</td>
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SECOND SEMESTER

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<tr>
<td>FT-102</td>
<td>Food Preparation Laboratory</td>
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<tr>
<td>FT-121</td>
<td>Purchasing, Storing &amp; Receiving</td>
<td>3</td>
</tr>
<tr>
<td>FT-133</td>
<td>Business Mathematics &amp; Machines</td>
<td>2</td>
</tr>
<tr>
<td>FT-152</td>
<td>Menu Planning</td>
<td>3</td>
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<tr>
<td>FT-154</td>
<td>Food Standards</td>
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THIRD SEMESTER

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<th>Title</th>
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<tr>
<td>FT-221</td>
<td>Restaurant Accounting &amp; Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>FT-221</td>
<td>Catering &amp; Beverage Control</td>
<td>3</td>
</tr>
<tr>
<td>FT-201</td>
<td>Baking</td>
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<td>FT-202</td>
<td>Restaurant Management</td>
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<td>FT-241</td>
<td>Specialty Cooking</td>
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FOURTH SEMESTER

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<tbody>
<tr>
<td>FT-251</td>
<td>Advertising &amp; Promotion</td>
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<tr>
<td>FT-252</td>
<td>Demonstration Methods</td>
<td>2</td>
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<tr>
<td>FT-203</td>
<td>Field Work</td>
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<tr>
<td>FT-222</td>
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<tr>
<td>total credits</td>
<td></td>
<td>16</td>
</tr>
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</table>

COURSES

FT FOOD SERVICE TECHNOLOGY

101 Food Presentation Systems & Techniques (4 credits). This course covers the practical side of handling prepared food, bus and set tables, wait on tables, dining room etiquette, dishwashing 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.

102 Food Preparation Laboratory (6 credits). This course is designed to correlate the theory of department technical 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.

111 Communications Skills (2 credits). To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two credit course designed to maximize personal involvement. One semester non-graded, credit course.

121 Purchasing, Storing and Receiving (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.

131 Applied Mathematics (2 credits). A review of fundamental mathematical operations used in a food establishment. Converting and costing standard formulas, guest checks, weights and measurements and business forms. Three clock hours per week.

133 Business Math and Machines (2 credits). Fundamental operations of arithmetic in relation to Foodservice Businesses. The student receives instruction on ten-key adding machines, calculators, etc.

141 Basic Nutrition (2 credits). Study of the fundamentals of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

151 Food Theory and Techniques (5 credits). This class is designed to develop an understanding of the basic principles of cookery, skill and efficiency in preparation of percentages of food. The course is designed to develop 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.

152 Menu Planning (3 credits). The characteristics of a good menu, types of menus, the relationship between menu planning and personnel and equipment, sales history and productions sheets will be studied to aid the student in writing successful menus. Two clock hours per week.
HO 101-102 Horticulture Laboratory 5 5
HO 111-112 Communication Skills 3 3
HO 131-132 Related Basic Science 3 3
HO 141-142 Related Basic Science 2 2
HO 151-152 Horticulture Theory 5 5

18 18

SOPHOMORE YEAR:
HO 201-202 Horticulture Laboratory 5 5
HO 241-242 Related Science 2 2
HO 251-252 Horticulture Theory 5 5
HO 262 Occupational Relationships 2 —
HO 271 Individual Project — 3
MM 213 Credits and Collections — 2
MM 101 Salesmanship — 3 —

17 17
FASHION MERCHANDISING — MID-MANAGEMENT

**FRESHMAN YEAR:**

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<th>Course</th>
<th>1ST SEM.</th>
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<tr>
<td>English Composition</td>
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<tr>
<td>Introduction to Business</td>
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<tr>
<td>Salesmanship</td>
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<tr>
<td>Clothing</td>
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<td>Business Math/Machines</td>
<td>3</td>
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<td>Clothing Selection</td>
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<td>Textiles</td>
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<td>Elements of Management</td>
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<td>Principles of Accounting</td>
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<td>Mid-Management Work Experience</td>
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**TOTAL:** 17 16

**SOPHOMORE YEAR:**

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<td>Professional Speech Design</td>
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<td>Professional Speech Communication</td>
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<td>Retail Buying</td>
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<td>Mid-Management Work Experience</td>
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<td>Report Writing</td>
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<td>Principles of Retailing</td>
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<td>Visual Merchandising</td>
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<td>Supervision of Personnel</td>
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**TOTAL:** 15 16

MARKETING — MID-MANAGEMENT

**FRESHMAN YEAR:**

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<td>Business Mathematics/Machines</td>
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<td>Salesmanship</td>
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<td>Merchandise Analysis</td>
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<td>Elements of Management</td>
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**TOTAL:** 16 16

**SOPHOMORE YEAR:**

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<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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<td>Report Writing</td>
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<td>Supervision of Personnel</td>
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<td>Mid-Management Work Experience</td>
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<tr>
<td>Elective</td>
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</table>

**TOTAL:** 16 16

Office Occupations

Students may enter the program every 8 weeks or 5 times a year.

The Office Occupations curriculum is designed to assist the student to progress on an individualized basis to employment in one of more of the various classifications of office occupations. The length of the course will depend upon the individual’s goals and abilities.

Costs:

The cost of each two 8 week blocks is $183.00.

Pre-vocational training for vocational students or adults who have not completed high school is offered through the Vocational Technical School. 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.

Apprenticeship and Trade Extension

Through cooperative arrangements with the State Board for Vocational Education, Boise State University Vocational Technical School 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 workers receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automotive, Nursing and Farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State University School of Vocational Technical Education. Phone: 385-1974.

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 Full-Time Faculty

January, 1977
(The date in parenthesis is the year of first appointment)

A

LOUISE ACKLEY, Assistant Professor of English ..... (1969)
A.B., Northwest Nazarene College; M.A., University of Washington.

ROBERT T. ADKINS, Associate Professor of Marketing and Management ..... (1975)
B.B.A., University of Chattanooga; M.B.A., Stanford University.

H. DUANE AKROYD, Assistant Professor; Director of Radiologic Technology ..... (1976)
B.S., Medical College of Georgia; M.S., State University of New York at Buffalo.

ROBERT L. ALLEN, Instructor in Industrial Plant Maintenance ..... (1976)
Certificate, Boise State University.

JOHN W. ALLEN, Associate Professor of Physics ..... (1971)
B.A., Willamette University; M.A., Ph.D., Harvard University.

ROGER H. ALLEN, Associate Professor of Real Estate ..... (1966)
A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.

RUDY N. ALONZO, Instructor in Heavy Duty Mechanics ..... (1976)

ROBERT M. ANDERSON, Associate Professor of Mathematics ..... (1970)
B.S., Utah State University; Ph.D., Michigan State University.

JAMES K. APPLEGATE, Assistant Professor of Geophysics; Associate Department Head, Department of Geology and Geophysics ..... (1973)
Geophysical Engineer, M.S., Ph.D., Colorado School of Mines.

GARY D. ARAMBARRI, Instructor in Welding ..... (1976)
Shop Ironworker Apprenticeship, Gate City Steel; Shop Superintendent, Gate City Steel, Pocatello.

E. BARRY ASMUS, Associate Professor of Economics ..... (1971)
B.S., M.S., Colorado State University; Ph.D., Montana State University.

JOHN B. BARNES, Professor of Education, President ..... (1967)
B.A., M.A., University of Denver; Ed.D., University of Wyoming.

GWYNN BARRETT, Professor of History ..... (1968)
B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.

ROSALYN O. BARRY, Assistant Professor of Communication ..... (1975)
A.A., Stephens College; B.A., College of Idaho; M.S.J., Northwestern University.

WYLLA BARNES, 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.

ROBERT P. BEHLING, Associate Professor of Accounting and Data Processing ..... (1974)
B.A., Colgate University; M.Ed., University of Portland; M.B.A., Boise State University; Ph.D., University of Northern Colorado.

JOHN L. BEITIA, 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, Associate Professor of Biology ..... (1959)
B.A., College of Idaho; M.S., Louisiana State University; Arizona State University; University of Oregon.

ELMO B. BENSON, Assistant Professor of Art ..... (1975)
B.S., University of Idaho; M.S., University of Utah; Ed.D., University of Idaho.

JOHN H. BEST, Professor of Music ..... (1947)
B.S., University of Idaho; M.S., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzel; Composition and Theory Pupil of J. DeForest Cline and Henry Trustman Ginsburg; Suzuki Institute of Toho School, Japan.

CAROLE JEAN BETTIS, Assistant Professor, Associate Librarian ..... (1970)
B.S. in Chemistry, A.M.L.S., University of Michigan; University of Illinois.

JOHN PATRICK BIETER, Professor of Teaching 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, Professor of Economics ..... (1972)
B.A., San Diego State College; M.A., Ph.D., University of Oregon.

SARA BLOOD, Instructor in Music ..... (1975)
B.M.E., M.M., Indiana University.

ANTHONY J. BOHNER, Assistant Professor of Management ..... (1974)
B.A., Northwest Nazarene College; J.D., Willamette University.

ROLANDO E. BONACHEA, Assistant Professor of History ..... (1974)
B.A., University of New Mexico; M.A., Ph.D., Georgetown University.

ROBERT R. BOREN, Professor of Communication; Chairman, Department of Communication ..... (1971)
B.A., M.A., Brigham Young University; Ph.D., Purdue.

B
KAREN J. BOUNDS, Associate Professor of Business ................. (1973)
B.S.Ed., University of Alabama; M.Ed., University of North Carolina; Ed.D., North Texas State University.

NANCY C. BOWERS, Instructor in Practical Nursing ................. (1975)
Diploma, St. Joseph's Hospital School of Nursing; University of Arizona.

BILL C. BOWMAN, Associate Professor of Physical Education .......... (1970)
B.A., Southern Idaho College of Education; M.Ed., University of Oregon; Ed.D., Brigham Young University.

CLAIR BOWMAN, Associate Professor of Teacher Education .......... (1976)
B.S., Indiana University; M.A., University of Colorado; Ed.D., Indiana University.

PHYLLIS E. BOWMAN, Assistant Professor of Physical Education ....... (1970)
A.A., Weber State; B.S., Utah State University; M.A., Brigham Young University.

RICHARD F. BOYLAN, Associate 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 Gate University, University of Nebraska.

J. WALLIS BRATT, Assistant Professor of Music ....................... (1970)
B.M., University of Idaho; M.M., University of Utah.

SUSAN A. BRENDON, Associate Professor of Office Administration ........ (1969)
B.S.C., M.A., Ph.D., University of Iowa.

ALAN P. BRINTON, Assistant Professor of Philosophy ................ (1975)
B.A., Eastern Nazarene College; Ph.D., University of Minnesota.

JAMES R. BUCHANAN, Assistant Professor of Welding ................ (1959)

JANICE BUEHLER, Assistant Professor of Nursing ..................... (1974)
B.S., University of Oregon; M.S., University of Colorado; M.A., University of California, San Francisco.

RICHARD E. BULLINGTON, Professor of Education, Executive Vice President .......... (1968)
B.S., Rutgers; M.A., Ed.D., University of Alabama.

JERRY BURK, Associate Professor of Communication .................. (1975)
B.A., Fresno State College; M.A., University of Montana; Ph.D., University of Oklahoma.

RALPH L. BURKEY, Instructor in Drafting ............................... (1976)

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, Associate Professor of Teacher Education and Library Science .......... (1969)
B.A., M.A., College of Idaho.

SHERMAN BUTTON, Associate Professor of Physical Education ........ (1976)
B.A., M.A., Eastern Washington State College; Ph.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.
LEONE COX, Associate Professor of Nursing .............................................. (1976)
B.N., University of Nevada; M.A., University of Nebraska.
T. VIRGINIA COX, Assistant Professor of Anthropology ............................... (1967)
B.A., San Diego State College; M.A., University of California at Davis; University of Oregon; University of Georgia.
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.
G. DAWN CRANER, Instructor in Communication ....................................... (1975)
B.A., Utah State University; M.A., Purdue University.
BETTY L. CULLEY, Instructor in Art ....................................................... (1976)
A.B., A.M.T., Indiana University.
BILL DARRELL CURTIS, Instructor in Auto Body Technology ...................... (1967)
Diploma, Boise Junior College.
ELIZABETH M. CURTIS, Instructor in Operating Room Technology ...................(1972)
Diploma, Kansas City General Hospital, School of Nursing.

E

E. JOHN DAHLBERG Jr., Associate Professor of Teacher Education .................. (1970)
B.A., Pacific Lutheran University; M.A., Lewis & Clark College; Portland; Ed.D., University of Oregon.
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.
MARY DALLAS, Instructor in Practical Nursing ......................................... (1976)
B.S., Oregon State University; R.N., Oregon University.
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, Director High School & University Relations, Assistant Professor... (1968)
B.Th., Northwest Christian College; B.A., Drake University; M.Ed., Utah State University.
CHARLES GEORGE DAVIS, 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, Associate Professor ............................... (1967)
B.A., The College of Idaho; M.S., University of Oregon, Ohio University; M.A., Boise State University; Ph.D., University of Oregon.
JAMES B. DEMOUX, Assistant Professor of Communication .......................... (1971)
B.A., Brigham Young University; M.A., University of Montana; Ph.D., University of Colorado.
DONALD DAVEAU, Instructor in Art ....................................................... (1976)
B.S., M.F.A., Tufts University; M.A., Boston University.
JERRY P. DODSON, Associate Professor of Psychology ................................ (1970)
B.A., Ball State University; M.S., Ph.D., Purdue.

F

PAUL DONALDSON, Assistant Professor of Geophysics ............................... (1975)
Stanford University; B.S., University of Utah; Ph.D., Colorado State University.
DENNIS DONOGHUE, Professor of Political Science ................................. (1973)
B.S., M.A., Central Michigan University; Ph.D., Miami University.
PATRICIA M. DORMAN, Professor of Sociology ....................................... (1967)
B.S., M.S., Ph.D., University of Utah.
JAMES G. DOSS, Associate Professor of Management; Associate Dean; MBA Program Coordinator . . . (1970)
B.S., University of California; M.S., The George Washington University; Ph.D., University of Utah.
JAMES D. DOUGLASS, Jr., Assistant Professor of Art ................................ (1972)
B.S., Western Michigan University; M.F.A., Cranbrook Academy of Art.
RICHARD R. DOWNS, Assistant Professor, Counselor ............................... (1975)
B.S., Pacific University; M.A., Ball State; Ed.D., Ball State.
GERALD F. DRAAYER, Associate Professor of Economics Director, Center for Economic Research . . . (1976)
B.A., Cavin College; M.A., Fairleigh Dickinson University; M.A., Purdue University; Ph.D., Ohio University.
VICTOR H. DUKE, Professor of Pharmacology & Health Sciences Dean, School of Health Science .......... (1972)
B.S. (Zool.), B.S. (Pharm.), Idaho State College; Ph.D., University of Utah.

G

JOAN EDGEMON, Assistant Professor of Nursing .................................... (1976)
B.S.N., Washington University; M.S.N., University of Kansas Medical School.
WILBER D. ELLIOTT, Professor of Music; Chairman, Department of Music ....... (1969)
B.A., University of Washington; M.E., Central Washington.
ROBERT W. ELLIS, Associate Professor of Chemistry ............................... (1971)
B.S., College of Idaho; M.S., Ph.D., Oregon State University.
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.
STUART D. EVETT, Assistant Professor of English .................................. (1972)
B.A., University of the South (Sewanee); M.A., Vanderbilt University.

H

GENDER A. FAHLESON, Instructor of Physical Education .......................... (1974)
B.S., University of Nebraska - Lincoln; M.Ed., Bowling Green State University.
DAVID JOHN FERGUSON, Associate Professor of Mathematics ..................... (1970)
B.S., Ph.D., University of Idaho.
DENNIS B. FITZPATRICK, Associate Professor of Finance ........................ (1972)
B.S., University of Colorado; M.B.A., University of Santa Clara; D.B.A., University of Colorado.
NANCY L. FLEMING, Associate Professor of Nursing .............................. (1963)
B.S.N., University of Nebraska College of Medicine; M.S.N., Montana State University.
ALLAN WALKER FLETCHER, Associate Professor of History ....................... (1970)
B.S., Louisiana State University; M.A., Ph.D., University of Washington.
A.B., Wheaton College; M.S.L.S., Louisiana State University.
BOISE STATE UNIVERSITY
Faculty

CAROL FOUNTAIN, Assistant Professor of Nursing ................................ (1967)
A.S., Boise Junior College; B.S.N., University of Washington; M.N., Montana State University.

E. COSTON FREDERICK, Professor of Education .................................. (1971)
B.S. Ed., Indiana State Teacher's College; M.Ed., Temple University; Ph.D., Syracuse University.

JUDITH FRENCH, Assistant Professor of Teacher Education .................. (1976)
B.A., M.A., University of Northern Colorado; Ph.D., Florida State University.

ROBERT L. FRIEDEL, Associate Professor of Teacher Education .......... (1972)
B.S., M.Ed., Utah State University; Ph.D., University of Utah.

HARRY K. FRITCHMAN, Professor of Zoology ....................................... (1954)
A.A., Boise Junior College; B.A., M.A., Ph.D., University of California at Berkeley.

EARL H. FRY, Assistant Professor in Political Science ......................... (1967)
B.A., M.A., Brigham Young University; Ph.D., University of California at Los Angeles.

ALBERT J. 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; Champion Technical Training School.

EUGENE G. FULLER, Professor of Zoology ............................................ (1957)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.

EUGENE I. FURUYAMA, Associate Professor of Mathematics .................. (1972)
B.A., Northwest Nazarene College; M.A., Ph.D., Washington State University.

CHARLOTTE B. GALE, Professor of Nursing ............................................ (1976)
B.S., Douglass College, M.A., New York University; Ed.D., Stanford University.

NORMAN D. GARDNER, Assistant Professor Finance .............................. (1974)
B.A., M.B.A., Brigham Young University; Ph.D., University of Utah.

JERRY C. GEPHART, Associate Professor of Communications ................ (1972)
B.S., Western Michigan University; M.A., St. Louis University; Ph.D., University of Utah.

GERALD J. GLEASON, Jr., Instructor in Allied Health ........................... (1976)
B.S., Incarnate Word College.

WILLARD H. GODFREY, Jr., 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.

SHARON GOLICK, Instructor in Operating Room Technology .................. (1976)
Diploma, Toledo Hospital.

A. RICHARD GRANT, Associate Professor of Business Law .................... (1976)
B.B.A., University of Portland; M.B.A., Northwestern University; LL. B., Willamette University.

DAVID W. GREEN, Assistant Professor of Teacher Education and Library Science ................................................. (1975)
B.A., University of Northern Iowa; M.Div., McCormick Seminary; M.A.L.S., Rosary College.

FRANCES S. GRIFFITH, Instructor in Horticulture ................................. (1971)
Lewiston Business College.

DAVID GROEBNER, Assistant Professor of Management ......................... (1973)
B.S., University of Minnesota; M.E.A., Ph.D., University of Utah.

H

DON P. HAACHE, Assistant Professor: General Librarian ........................ (1971)
B.A., M.L.S., University of Washington; Brigham Young University; Weber State College.

JAMES E. HADDEN, Assistant Professor of English ............................... (1972)
B.A., Rhode Island College, M.A., University of Washington.

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.

BENJAMIN HAMBELTON, Assistant Professor, Director of Educational Media Services .................................................. (1975)
B.S., Boise State University; M.Ed., Utah State University.

MARK HANSEN, Assistant Professor in English ..................................... (1969)
B.A., M.A., San Francisco State College.

BONNIE HARRIS, Instructor in Dental Assisting .................................... (1976)
Diploma, Boise State University; State University of New York.

RICHARD HART, Professor in Economics; Director of Research, Grants and Contracts ............................................. (1965)
B.S., M.S., Utah State University; Ph.D., Kansas State University.

CAROL D. HARVEY, Associate Professor of Sociology ............................ (1970)
B.S., University of Idaho; M.A., Ph.D., Washington State University.

JOHN P. HAYDON, Instructor in Auto Mechanics, Department Head, Mechanical Technologies ......................... (1969)

ELIZABETH A. HAZELWOOD, Assistant Professor of Nursing .................. (1974)
B.S.N., M.S.N., Vanderbilt University.

FRANK K. HEISE, Assistant Professor of Theatre Arts ........................... (1971)
B.S., Wisconsin State University; M.A., University of South Dakota.

R. GAIL HEIST, Instructor in Real Estate ............................................. (1975)
A.A., Boise Junior College; B.S., University of Utah; M.B.A., Boise State College.

ROBERT A. HIBBS, Professor of Chemistry ......................................... (1965)
B.S., M.S., University of Florida; Ph.D., Washington State University.

KENNETH L. HILL, Associate Professor of Teacher Education ................ (1968)
B.S., Illinois State University; M.A., College of Idaho; Oregon State University, Ed.D., University of Idaho.

LAVAR K. HOFF, Instructor in Food Service Technology ......................... (1969)
B.S., Utah State University.

KENNETH M. HOLLENBAUGH, Professor of Geology, Chairman, Department of Geology, Dean of Graduate School ....................... (1968)
B.S., Bowling Green State University; M.S., Ph.D., University of Idaho.

DONALD HOLLEY, Associate Professor of Economics ............................. (1973)
B.A., Brigham Young University; M.A., University of Oregon; Ph.D., University of California at Riverside.

PATRICIA ANNE HOLMAN, Assistant Professor of Education ................ (1970)
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B.S., University of Michigan; M.A., University of Missouri; Ph.D., University of Idaho.

JOHN S. TAKEHARA, Professor of Art ............................................(1968)
B.A., Walla Walla College; M.A., Los Angeles State College; University of Hawaii.

JOHN A. TAYE, Instructor in Art ...................................................(1975)
B.F.A., University of Utah; M.F.A., Otis Art Institute of Los Angeles County.

DAVID S. TAYLOR, Professor of Psychology, Vice-President for Student Affairs ...............(1972)
B.S.Ed., Northern Illinois University; M.S.Ed., Southern Illinois University; Ph.D., Michigan State University.

PATRICIA A. TAYLOR, Instructor in Nursing ....................................(1976)
B.S., Duquesne University.

RONALD S. TAYLOR, Instructor in Art .............................................(1975)
B.A., Boise State; M.F.A., Utah State University.

WILLIAM K. TAYLOR, Professor of Music .........................................(1971)
B.M., Cornell College; M.M., Indiana University.

GEORGE THOMASON, Instructor in Music ........................................(1975)
B.A., College of Idaho.

NAN M. THOMASON, Assistant Professor of Nursing .....................(1967)
R.N., St. Luke's Hospital; B.S., Montana State University; M.Ed., University of Idaho.

CONNIE M. THORNGREN, Assistant Professor of Physical Education ....(1970)
B.A., Idaho State University; M.Ed., Central Washington State College.

STEVEN DAVID THURBER, Associate Professor of Psychology ............(1970)
B.S., M.S., Brigham Young University; Ph.D., University of Texas, Austin.

CARL W. TITON, 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 Industrial Communications .................................................................(1963)
A.B., Wheaton College; B.D., Th.B., Westminster Theological Seminary; University of Pennsylvania; Harvard University.

DAVID P. TORRET, Professor of Psychology, Director of Counseling and Testing Center .........................................................(1966)
B.S., Pacific University; M.A., University of Oregon; Ph.D., University of Colorado.

MARY ANN TOWLE, Instructor in Practical Nursing .........................(1976)
B.S., Idaho State University.

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, Associate Professor of History ...............................(1969)
B.A., Washington State University; Ph.D., University of Oregon.

LARRY B. TRIMBLE, Instructor, Vocational Counselor .....................(1974)
Boise Junior College; B.S., M.A., Northern Arizona University.

GLENSA TRUMBO, Instructor in Office Occupations, Department Head, Service Occupations .........(1976)

BOISE STATE UNIVERSITY
Faculty

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Faculty

ANTHONY THOMAS TRUSKY, Assistant Professor of English .......................... (1970)
B.S., University of Oregon; M.A., Northwestern University; Trinity College; Dublin.

JERRY L. TUCKER, Associate Professor of Education .......................... (1971)
B.S.M.N.S., University of Idaho; Ph.D., University of Washington.

WALTER TUCKER, Instructor in Air Conditioning .......................... (1975)
Diploma, Idaho State College; Air Conditioning and Refrigeration.

JOANNE T. VAHEY, Associate Professor; Associate Dean, School of Health Sciences; Chairman, Department of Registered Nursing .......................... (1973)
B.S.N.Ed., College Misericordia; M.S.N., Catholic University; Ed.D., Columbia University.

LUIS J. VALVERDEZ, Professor of Romance Languages .......................... (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.

ROSS E. VAUGHN, Assistant Professor of Physical Education; Head Baseball Coach .......................... (1973)
A.A., Riverside City College; B.A., Chico State College; M.S., Washington State University.

WARREN VINZ, Professor of History, Chairman, Department of History .......................... (1968)
Lincoln College; B.A., Sioux Falls College; B.D., Berkeley Baptist Divinity School; M.A., Ph.D., University of Utah.

WENDEN W. WAITE, Assistant Professor of Teacher Education .......................... (1976)
B.S., M.S., Ph.D., Utah State University.

LARRY L. WALDORF, Associate Professor of Management .......................... (1970)
B.S., M.S., Colorado State University; Ph.D., Colorado State University.

ED WALKER, Assistant Professor of Teacher Education .......................... (1976)
B.S., Wayne State College; M.A., Ed.D., University of Nebraska.

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; University of Utah.

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, Assistant Professor of Physical Education .......................... (1972)
B.S., Boise State College; M.S., University of Utah.

FREDERICK R. WARD, Associate Professor of Mathematics .......................... (1969)
B.S., William and Mary; M.S., University of Colorado; Ph.D., Virginia Polytechnic Institute and State University.

KATHLEEN C. WARNER, Professor of Geology .......................... (1967)
A.B., M.A., Brigham Young University; Ph.D., State University of Iowa; University of Utah; Cambridge University.

MONT M. WARNER, Professor of Geology .......................... (1967)
A.B., M.A., Brigham Young University; Ph.D., State University of Iowa; University of Utah; Cambridge University.

TARMO WATIA, Assistant Professor of Art .......................... (1969)
B.S., M.F.A., University of Michigan.

DONALD J. WATTS, Instructor in Drafting .......................... (1973)
B.S.C.E., University of Idaho.

WILLIAM L. WAUGH, Instructor in Utility Lineman .......................... (1976)

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.

MARCIA C. WICKLOW, Assistant Professor of Biology .......................... (1975)
B.A., M.A., San Francisco State College; Ph.D., Oregon State University.

MARGUERITE L. WILCOX, Associate 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 Student Advisory and Special Services .......................... (1958)
B.A., Whitworth College; M.S., Washington State University; University of Oregon; University of Akron.

MARIJANE WILLIAMSON, Associate 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. WILLET, Associate Professor of English .......................... (1970)
B.A., North Texas State; M.A., University of Texas; Ph.D., University of Colorado.

MONTE D. WILSON, Professor of Geology .......................... (1969)
B.S., Brigham Young University; M.N.S., Ph.D., University of Idaho.

JAMES WILTEDING, Associate Professor of Management & Finance .......................... (1976)
B.A., Seattle University; M.B.A., University of Oregon; D.B.A., Texas Tech University.

ELLA MAE WINANS, Associate Professor of Mathematics .......................... (1958)
B.S., University of Oregon; M.S., New York University; Idaho State University.

BOYD WRIGHT, Assistant Professor of 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. WYLIE, Associate Professor of Biology .......................... (1955)
B.S., College of Idaho; M.A., Sacramento State College; Ph.D., Purdue University, Oregon State University, University of Oregon.

JERRY YOUNG, Associate Professor of Mathematics .......................... (1964)

JOHN R. YOUNG, Professor of Marketing .......................... (1967)
B.Ed., Whitewater State College, Wisconsin, M.A., Ph.D., University of Iowa.

MIKE M. YOUNG, Assistant Professor of Physical Education; Head Wrestling Coach .......................... (1970)
B.A., M.A., Brigham Young University.

VIRGIL M. YOUNG, Professor of Education .......................... (1967)
B.S., M.Ed., Ed.D., University of Idaho.

DOUGLAS YUNKER, Associate Professor of Social Work, Department Head .......................... (1976)
B.S., Western Michigan University; M.A., Indiana University.

MICHAEL P. ZIRINSKY, Assistant Professor of History .......................... (1973)
A.B., Oberlin College; M.A., American University; Ph.D., University of North Carolina at Chapel Hill.
EMERITI

DOROTHY ALBERTSON, Associate Professor of Office Administration (1953-1977)

THELMA F. ALLISON, Associate Professor of Home Economics (1946-1973)

C. GRIFFITH BRATT, Professor of Music, Composer Artist in Residence (1946-1976)

WILLIAM S. BRONSON, Professor of Psychology (1954-1970)

ELSIE BUCK, Professor of Mathematics (1932-1934, 1937-1968)

VINA BUSHBY, Associate Professor of Secretarial Science (1946-1965)

EUGENE B. CHAFFEE, President (1932-1967)

ACEL H. CHATBURN, Professor of Education (1944-1977)

ROBERT deNEUFVille, Professor of Foreign Language (1949-1973)

CLISBY T. EDLEFSEN, Professor of Business (1939-1969)

J. CALVIN EMERSON, Associate Professor of Chemistry (1933-1940, 1960-1973)

EVELYN EVERTS, Associate Professor, Reference Librarian (1957-1977)

MARJORIE FAIRCHILD, Associate Professor of Library Science (1966-1975)

MILTON FLESHMAN, Assistant Professor of Auto Mechanics (1959-1974)

LUCILLE T. FORTER, Instructor in Voice (1932-1962)

JOHN F. HAGER, Associate Professor of Machine Shop (1954-1969)

ADA Y. HATCH, Professor of English (1932-1967)

ALICE H. HATTON, Registrar (1959-1974)

KENNETH L. HILL, Associate Professor of Education (1962-1970)

DORIS KELLY, Associate Professor of Nursing (1958-1977)

NOEL KRIGBAUM, Assistant Professor of Vocational-Technical Education (1955-1975)

ADELAIDE ANDERSON MARSHALL, Assistant Professor of Music (1939-1948, 1966-1972)

RUTH McBRINEY, Professor, Head Librarian (1940-1942, 1953-1977)

KATHRYN ECKHARDT MITCHELL, Instructor in Violin (1932-1938, 1939-1972)

avery F. PETERSON, Assistant Professor of Political Science (1965-1975)


Hazel Mary Roe, Associate Professor of Office Administration (1942-1944, 1947-1969)

HAROLD SNELL, Assistant Professor of Auto Mechanics (1958-1969)

JOSEPH B. SPULNIK, Professor of Chemistry, Dean of the School of Arts and Sciences (1941-1976)

ALBERT H. TENNYSON, Instructor in Industrial Communications (1966-1977)

LYLE F. TRAPP, Assistant Professor of Auto Body (1953-1967)

G.W. UNDERKOFER, Associate Professor of Accounting (1952-1974)

JOHN E. WARWICK, Associate Professor of Communication (1963-1977)

HELEN WESTFALL, Associate Professor of Physical Education (1962-1970)

THOMAS W. WILBANKS, Assistant Professor of English (1964-1966, 1969-1977)

ADVISORY BOARDS

SCHOOL OF HEALTH SCIENCES

Environmental Health
Mr. Melvin Alsager, Boise
Dr. Eldon Edmundson, Boise
Ms. Nancy Ann Goodell, Boise
Mr. David Hand, Boise
Mr. Jack Jelke, Pocatello
Dr. Donald J. Obee, Boise
Mr. Jack Ross, Sandpoint
Dr. Lee Sokes, Boise
Dr. Russell J. Centanni, Boise

Respiratory Therapy
Gary Aiman, Boise
Lonny Ashworth, Boise
James J. McCabe, M.D., Nampa
William Meehan, M.D., Boise
David K. Merrick, M.D., Boise
David V. Nuerenberg, A.R.T., Caldwell
Charles E. Reed, M.D., Caldwell
David K. Ricks, M.D., Boise
Nicola Yates, Boise

Nursing
Lorraine Barr, R.N., Boise
JoAnna DeMeyer, R.N., Boise
Betty Gull, R.N., Emmett
Jean Hansen, R.N., Caldwell
Dorothy Krawczyk, R.N., Boise
Laura Larson, R.N., Boise
Jacqueline Mason, R.N., Boise
Clayton C. Morgan, M.D., Boise
Katherine Nelson, Boise
Mary Nelson, R.N., Boise
Celeste Rush, R.N., Boise
Betty Vivian, R.N., Nampa

Radiologic Technology
C. W. Barrick, M.D., Boise
Carolyn Beaman, R.T., Boise
David W. Bennett, M.D., Caldwell
Tom Davies, R.T., Boise
Jona Knight, R.T., Boise
Robert A. Luke, Ph.D., Boise
Carol Short, R.T.T., Boise
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The following changes to the Boise State University Bulletin 1977 Catalog Issue are effective immediately. Note that as a general rule changes in personnel assignments are not included in the Addendum. Reference is made to the current Faculty and Staff Directory and the current semester's Class Schedule - Registration Information for detailed information.

Page 3
First column, 4. (continuing A. If NEW FRESHMAN from previous page) should read:

4. ACT, SAT, or WPC test scores.

First column, under B. If TRANSFER STUDENT..., item 4. should read:

4. ACT, SAT, or WPC test scores, or evidence of successful completion of English Composition sequence.

First column, under If VETERAN; ..., item 4. should read:

4. ACT, SAT, or WPC scores, or evidence of successful completion of English Composition sequence.

Page 6
First column, under OTHER FEES, below Audit........15.00. etc., insert "Special Registration Fee (non-refundable)........1.50".

Page 14
First column, middle, eliminate paragraph beginning "In computing...."

Page 36
First column, bottom, after course description 116 LANDSCAPE PAINTING, add the following:

123 CRAFTS (2 credits). This course is open to non-art majors. Lectures will be in the nature of crafts, the design principles, craftsmanship and creativity. Several areas of crafts applicable to the public school classroom will be introduced. Simple crafts, leather work, mosaic, ceramic tile construction, batik, tie and die, creative stitchery, enameling, macrame, simple ceramic work, sheet plastic and others may be assigned. The proper use of hand tools and their safety will be stressed. Four studio hours per week. Either semester.
(Page 36, continued)
Second column, bottom, change course description 309 STUDIO IN PRINTMAKING to read:

309 STUDIO IN PRINTMAKING (3 credits). Advanced printmaking in any one of the following specialized areas, each of which may be repeated once for credit: intaglio, lithography, serigraphy, and relief printing.

Page 39
Second column, middle, under 322 FRESHWATER ALGAE, change Prerequisites to read: BT-130 and Z-130. BT-311, Plant Morphology, recommended. Alternates with Z-307 or Z-361.

Page 43
Second column, bottom, under COURSES eliminate 113 COMPETITIVE SPEAKING and its accompanying description.

Page 44
Second column, top, eliminate 375 STUDENT PUBLICATIONS TECHNIQUES and its accompanying description.

Page 46
Second column, top, eliminate 320 NON-BRITISH WESTERN WORLD DRAMA and its accompanying description.

Page 53
First column, middle, eliminate 441 INTRODUCTION TO GEOPHYSICAL METHODS and its accompanying description.

Second column, middle, change course title 596 INDEPENDENT STUDY AND RESEARCH to read: 596 DIRECTED RESEARCH

Page 56
First column, middle, change 319 ANCIENT GREECE to read:

319 ANCIENT GREECE (3 credits). A study of the ancient Greek world from the Ninoan thalassocracy of the second millenium to the empire of Alexander the Great in the late fourth century B. C. Political, economic, and cultural history are emphasized with special attention given to the outstanding achievements of the Greeks in political and philosophical thought, epic and dramatic poetry, historical writing and visual arts. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

First column, middle, change 321 MEDIEVAL HISTORY title and description to read:

321 MEDIEVAL EUROPE (3 credits). A study of the political, economic, and cultural development of Western Europe from the fourth to the fourteenth century. Special attention given to the Constantinian revolution, the Carolingian empire, Feudalism and Chivalry, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

Second column, middle, eliminate 420 THE LIBERAL REVOLUTIONS, 1776-1832 and its accompanying description.
(Page 56, continued)
Second column, bottom, eliminate 425 TWENTIETH CENTURY REVOLUTIONS and its accompanying description.

Page 62
Second column, bottom, change 3. Electives under I. PERFORMANCE EMPHASIS REQUIREMENTS to read:

3. Electives (any area)..................13-16
   A. Voice Majors must include 1 semester of MU-147. 1 credit.

Page 63
First column, top, change C. UPPER DIVISION COURSES.................32 to read:

UPPER DIVISION COURSES...............24

Change BAND AND ORCHESTRA ARRANGING..............4 to read:

BAND ARRANGING..........................2

Eliminate CANON AND FUGUE.................2
Eliminate CONTINUO REALIZATION AND IMPROVISATION..............4

Change 3. ELECTIVES (ANY AREA)..............11-14 to read:

3. ELECTIVES (ANY AREA)...............19-22

Page 64
First column, bottom, under 444 MUSIC EDUCATION--BACHELOR OF ARTS SENIOR RECITAL, insert the words "Graded Pass/Fail." between "...study in the area." and "Each semester."

Second column, top, under 445 RECITAL, insert the words "Graded Pass/Fail." between "...the music department." and "Each semester."

Second column, top, under 446 SENIOR PERFORMANCE RECITAL, insert the words "Graded Pass/Fail." between "...private teacher." and "Each semester."

Second column, top, under 447 SENIOR COMPOSITION RECITAL, insert the words "Graded Pass/Fail." between "...supervising faculty member." and "Each semester."

Page 65
First column, middle, change course title 121-122 BEGINNING EAR TRAINING to 121-122 EAR TRAINING I-II.

First column, bottom, change course title 221-222 ADVANCED EAR TRAINING to 221-222 EAR TRAINING III-IV.
(Page 65, continued)
First column, bottom, under the new heading 221-222 EAR TRAINING III-IV, change Prerequisites to read:

Materials of Music II MU-120, Ear Training I-II MU 121-122 and at least one year of piano, or concurrent piano study. Fall-Spring semester.

Second column, bottom, under 345 OPERA THEATRE, change the statement, "Maximum 4 credits." to read "May be repeated for up to 8 credits."

Page 66
First column, middle, eliminate 413-414 CONTINUO REALIZATION AND IMPROVISATION and its accompanying description.

First column, middle, eliminate 421 CANON & FUGUE and its accompanying description.

First column, middle, eliminate 456 ORCHESTRA ARRANGING and its accompanying description.

Page 70
First column, bottom, under 2. UPPER DIVISION COURSES (30 credits), eliminate PO-325 REGIONAL ADMINISTRATION, and insert PO-469 INTERGOVERNMENTAL RELATIONS.................3 after PO-467 ADMINISTRATIVE LAW.

Page 73
First column, bottom, under 324 COMPARATIVE COMMUNIST PARTY-STATE SYSTEMS, change "...Either semester...." to "...Fall semester...."

First column, bottom, eliminate 325 REGIONAL ADMINISTRATION and its accompanying description.

First column, bottom, eliminate 330 ISSUES IN PUBLIC PERSONNEL AFFAIRS and its accompanying description.

Second column, top, eliminate 461 GOVERNMENT AND BUSINESS and its accompanying description.

Page 76
First column, near top, under REQUIREMENTS FOR SOCIOLOGY MAJOR, add to 1. immediately following "...on pages 17-18." the following:

Bachelor of Arts degree candidates are required to complete one year of a foreign language. Sociology courses may not be used to satisfy Area II requirements.
(Page 76, continued)
Change 2. to read:

2. At least 78 credit hours in fields other than Sociology to be selected by the student in consultation with the student's Sociology faculty advisor.

Page 77
First column, bottom, change 361 CORRECTIONAL ADMINISTRATION and its accompanying description to read:

362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3 credits). (Crosslist - SO-362) The historical development, processes, and methods of operating the adult correctional system will be discussed in this course. A detailed study will be made of the philosophy and development of treatment strategies in the institution and the community.

Second column, bottom, following 361 INDUSTRIAL SOCIOLOGY and its accompanying description, add the following:

362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3 credits). (Crosslist - CR-362) The historical development, processes, and methods of operating the adult correctional system will be discussed in this course. A detailed study will be made of the philosophy and development of treatment strategies in the institution and the community.

Page 78
Second column, bottom, under FRESHMAN YEAR:, eliminate GENERAL PSYCHOLOGY* 3.

Page 79
Second column, middle, change 117-118 TECHNICAL THEATRE (3 credits). to 117-118 TECHNICAL THEATRE (4 credits).

Second column, under UPPER DIVISION, change course number 311-312 ADVANCED ACTING to read 311 ADVANCED ACTING.

Second column, bottom, change course number for 333 STAGE VOICE to 233 STAGE VOICE.

Second column, bottom, eliminate 334 ADVANCED ORAL INTERPRETATION and its accompanying description.

Page 80
First column, bottom, eliminate 451 THEATRE THEORY AND CRITICISM and its accompanying description.

Second column, top, change course number for 481 PUPPETRY to 281 PUPPETRY.
Second column, top, change course number for 487g-488g CHILDREN'S THEATRE to 287-288 CHILDREN'S THEATRE.

Page 81
Under SCHOOL OF BUSINESS, after Dean: add the following:

Thomas E. Stitzel, Ph. D.

Page 85
First column, bottom, under GRADUATION REQUIREMENTS FOR DEGREE IN ECONOMICS - SOCIAL SCIENCE SECONDARY EDUCATION OPTION, change 4. Accounting... to read:

4. Accounting - AC 205 required.

Second column, top, change 6. Sufficient electives...., to read:

6. Economics - 15 credit hour emphasis

   EC 201 and 202  6 hrs.
   EC 303 or .305  3 hrs.
   plus any 6 hours of upper division economics electives.

7. Sufficient electives to complete a total of 128 credit hours of which 40 must be upper division.

Second column, middle, under SOPHOMORE YEAR, eliminate "Business Statistics ..........3 ___."

Page 86
First column, under SENIOR YEAR, move Government and Business credits to second semester; change Operations Management to Decision Analysis; change General Elective to show 0 credits in second semester, 6 in first semester.

Second column, bottom, under FRESHMAN YEAR, eliminate Introduction to Chemistry ...............4 4; add "Essentials of Chemistry (W/Lab).............4 4.

Under JUNIOR YEAR, eliminate OPERATIONS MANAGEMENT; add QUANTITATIVE ANALYSIS.

Under SENIOR YEAR, eliminate QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS; add OPERATIONS MANAGEMENT. Eliminate OPERATIONS DECISIONS AND CONTROLS; add DECISIONS ANALYSIS.

Page 87
Second column, under JUNIOR YEAR, eliminate OPERATIONS MANAGEMENT; add QUANTITATIVE ANALYSIS.

Page 88
First column, under JUNIOR YEAR, eliminate OPERATIONS MANAGEMENT; add QUANTITATIVE ANALYSIS. Eliminate OPERATIONS DECISIONS AND CONTROLS; add DECISIONS ANALYSIS.

Under SENIOR YEAR, eliminate QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS; add OPERATIONS MANAGEMENT.
(Page 88, continued)
Second column, top, under JUNIOR YEAR, eliminate OPERATIONS MANAGEMENT; add QUANTITATIVE ANALYSIS.

Page 93
Second column, bottom, change 466 QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS... Prerequisites: GB-208 (was GB-306) and MG-301... to read:

366 QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS...Prerequisites: GB-207, MG-301.

Page 94
First column, top, eliminate 308 OPERATIONS MANAGEMENT and its accompanying description.

First column, top, change 309 OPERATIONS DECISIONS AND CONTROLS and its accompanying description to read:

309 DECISIONS ANALYSIS (Previously Operations Decisions and Controls)(3 credits). This course will emphasize the decisions analysis tools such as probability assessment, utility theory, certainty and uncertainty models, and Bayesian statistical inference. The emphasis will be on presenting the tools in actual business applications. Prerequisites: GB-207, GB-208, and MG-301. Either semester.

First column, middle, following 406 COMPENSATION MANAGEMENT and its accompanying description, add the following:

408 OPERATIONS MANAGEMENT (3 credits). This course applies the quantitative tools needed in the operations and production management fields for effective decision making. The nature of the interactions between the operations manager and the other business systems will be developed. Typical topics include: process design, facilities layout and location, and aggregate planning. Most types of business environments will be considered. Prerequisites: GB-208, GB-366, MG-301.

409 DECISIONS ANALYSIS (3 credits). This course will emphasize the decisions analysis tools such as probability assessment, utility theory, certainty models, uncertainty models, and Bayesian statistical inference. The emphasis will be on presenting the tools in actual business applications.

First column, bottom, eliminate 420 APPLIED MARKETING RESEARCH and its accompanying description.

Second column, bottom, following 360 REAL ESTATE FINANCE and its accompanying description, add the following:

370 REAL ESTATE DEVELOPMENT (3 credits). The course is designed to examine the many intricacies of the development process. The course will cover the traditional development process including market analysis, feasibility study, land acquisition, zoning, layout and design, design review, financing, construction, occupancy, and sale. In addition, the course concerns itself with the many factors of the planning process and the developer obligation and concern for problems of energy, environment, transportation, and social acceptability as they relate to the basic national need for housing.
Page 100
Second column, under SECONDARY OPTION, change the g. p. a. requirement in c. to 2.50 and in d. to 2.5.

Page 101
First column, bottom, under 4. 400 LEVEL, change d. TE 392 Education of the Exceptional Child to read: TE 291 Educ. and Psych. Implications for Exceptional Child in the School .............. 3.

Second column, bottom, under SENIOR YEAR, insert TE 291 Education and Psychological Implications for the Exceptional Child in the School ....... 3, and eliminate TE 392 Education Exceptional Child ........ 3.

Page 104
Second column, middle, under B. ELECTIVE COURSES, insert TE 291 (title as above) (credits as above) in sequence and eliminate items 4. TE 391 and 5. TE-392.

Page 105
First column, middle, under A. LEARNING DISABILITIES, eliminate items a. and b. and replace with: a. TE-291 Education and Psychological Implications for the Exceptional Child in School - 3 credits. Change items c., d., and e. to items b., c., and d., respectively.

First column, bottom, under B. MENTAL RETARDATION, eliminate items a. and b. and replace with: a. TE-291 Education and Psychological Implications for the Exceptional Child in the School - 3 credits. Change items c., d., and e. to items b., c., and d., respectively.

Page 106
First column, bottom, under 1., change the words "...in areas I, II, and/or III....", etc., to read:

"...as follows:

Bachelor of Science Core Requirements for all Physical Education Majors

SECONDARY PHYSICAL EDUCATION OPTION:

<table>
<thead>
<tr>
<th>Area I:</th>
<th>Twelve Elective credits, with THREE FIELDS represented.</th>
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<tbody>
<tr>
<td>Area II:</td>
<td>General Psychology (P-101)</td>
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<tr>
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<td>Essentials of Chemistry II (C-109-110)</td>
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<td>Human Anatomy &amp; Physiology I (Z-111)</td>
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<td>Human Anatomy &amp; Physiology II (Z-112)</td>
</tr>
</tbody>
</table>
ATHLETIC COACHING OPTION:

Area I: Twelve Elective credits, with THREE FIELDS represented 12

Area II: General Psychology (P-101) 3
         Fund Speech-Communication (CM-111) 3
         OR
         Speech-Comm for Teachers (CM-311) 3
         A Sociology Elective 3
         Any Additional Social Science 3

Area III: Essentials of Chemistry I (C-107-108) 4
          Concepts Human Anat & Phys (Z-107) 4
          Any Additional Science 4

ELEMENTARY PHYSICAL EDUCATION OPTION:

Area I: Twelve Elective credits, with THREE FIELDS represented 12

Area II: General Psychology (P-101) 3
         Fund Speech-Communication (CM-111) 3
         OR
         Speech-Comm for Teachers (CM-311) 3
         Introduction to Sociology (SO-101) 3
         Sociology of the Family (SO-240) 3
         Child Psychology (P-311) 3

Area III: Essentials of Chemistry I (C-107-108) 4
          Concepts Human Anat & Phys (Z-107) 4
          Any Additional Science 4

PHYSICAL EDUCATION FOR THE EXCEPTIONAL CHILD OPTION:

Area I: Twelve Elective credits, with THREE FIELDS represented 12

Area II: General Psychology (P-101) 3
         Fund Speech-Communication (CM-111) 3
         OR
         Speech-Comm for Teachers (CM-311) 3
         Introduction to Sociology (SO-101) 3
         Sociology of the Family (SO-240) 3
         Deviant Behavior (SO-331) 3
         Small Group Process (CM-431) 3

Area III: Essentials of Chemistry I (C-107-108) 4
          Concepts Human Anat & Phys (Z-107) 4
          Any Additional Science 4
ATHLETIC TRAINER OPTION:

Area I: Twelve Elective credits, with THREE FIELDS represented.

Area II: General Psychology (P-101) 3
Fund Speech-Communication (CM-111) 3
OR
Speech-Comm for Teachers (CM-311) 3
Third Field in Social Science 3
Any Additional Social Science 3

Area III: Essentials of Chemistry I (C-107-108) 4
Human Anat & Phys I (Z-111) 4
Human Anat & Phys II (Z-112) 4

PRE-PHYSICAL THERAPY OPTION:

Area I: Twelve Elective credits, with THREE FIELDS represented.

Area II: General Psychology (P-101) 3
Fund Speech-Communication (CM-111) 3
Physiological Psychology (P-225) 3
Abnormal Psychology (P-301) 3
Adolescent Psychology (P-312) 3
Third Field in Social Science 3

Area III: College Chemistry I (C-131-132) 4
College Chemistry II (C-133-134) 5
Human Anat & Phys I (Z-111) 4
Human Anat & Phys II (Z-112) 4

Page 111
First column, top, eliminate 210 HUMAN GROWTH AND DEVELOPMENT and its accompanying description.

First column, bottom, below 353 PSYCHOANALYTIC PSYCHOLOGY and its accompanying description, add the following:

357 PEER COUNSELING: THE HELPING RELATIONSHIP (3 credits). This course will explore relevant dimensions of the helping relationship, especially the role of the helper. Emphasis will be on developing effective communications and fundamental counseling skills through required student participation in role-playing, audio- and especially video-taping and group activities. The helper's relating to self and others with practical application will be discussed. This class will be advantageous for dormitory resident assistants and students in future competition for these staff positions, teacher education students, community mental health paraprofessionals, teachers, nurses, and other professionals. Prerequisite: Psychology 101. Pass-fail. Limited enrollment. Fall semester.
Second column, bottom, below 271 TEACHER AIDE PRACTICUM and its accompanying description, add the following:

291 EDUCATIONAL AND PSYCHOLOGICAL IMPLICATIONS FOR THE EXCEPTIONAL CHILD IN SCHOOL (3 credits). The course will provide insight into the various categories of exceptionality, the characteristics of the child, his educational program needs and psychological implications for the child. It will pursue through reading and class presentations the various approaches utilized in meeting the program needs of these students. Prerequisites: P-101 General Psychology, and TE-171 Early School Experience. Each semester.

Second column, bottom, under 371 GUIDANCE FOR THE CLASSROOM TEACHER, change title and description to read:

371 TECHNIQUES IN STUDENT MOTIVATION AND CLASSROOM MANAGEMENT (3 credits). An overview of behavior perceived as inappropriate to the effectiveness of the regular and special classroom, the possible causes of such behavior, and the alternatives of attending to such behavior. The course is also related to techniques for motivating the child toward appropriate goals. Skills related to parent consultation and parent conferences will also be introduced.

Page 112
First column, top, eliminate 391 PSYCHOLOGY OF THE EXCEPTIONAL CHILD and its accompanying description.

First column, top, eliminate 392 EDUCATION OF THE EXCEPTIONAL CHILD and its accompanying description.

Second column, middle, eliminate 491 SPECIAL EDUCATION TECHNIQUES-PRACTICUM and its accompanying description.

Page 114
First column, top, under TE-515 DEVELOPMENT OF SKILLS FOR TEACHING PUPILS WITH LEARNING DIFFICULTIES, add the words "Prerequisite: TE-430 or TE-431." between "...of this course." and "Fall semester."

First column, middle, under TE-517 DEVELOPMENT OF SKILLS FOR TEACHING THE MENTALLY RETARDED, insert the words "Prerequisite: TE-420 or TE-421." between "...will be studied." and "Spring semester."

First column, middle, change course title P-501 COUNSELING AND GUIDANCE IN THE ELEMENTARY CLASSROOM and its accompanying description to read:

P-501 COUNSELING AND CONSULTING IN THE ELEMENTARY AND SPECIAL CLASSROOM (3 credits). An intensive study of classroom behavior with special attention to causes and purposes of the various behaviors. The course includes the practicing of processes considered effective in bringing about change in inappropriate behaviors. Classroom counseling and consultative processes fundamental in serving the several areas of the exceptional child are also practiced. Emphasis is on the psychological processes important to the child's development and consulting with others who need to understand the child. Prerequisite: P-101 General Psychology. Each semester and summer.
Page 122
Second column, top, under D. Science Requirements, change (69 credits) to read (66 credits), and under E. Health Science Requirements, change (19 credits) to read (18 credits).

Second column, bottom, under FRESHMAN YEAR, eliminate the line "Math 105-106 or Math 111-112...........5 5"

Page 123
First column, top, under 350 PUBLIC HEALTH FIELD TRAINING, change Prerequisite to read Environmental Management.

Page 124
Second column, bottom, under N NURSING, add the following:

114 ORIENTATION TO ASSOCIATE DEGREE NURSING FOR ADVANCED PLACEMENT STUDENTS (1 credit). Designed as a part of the advanced placement program enabling students (who have successfully passed the required challenge exams) to receive credit for one to two semesters of nursing on the basis of previous nursing education and/or experience. Introduces students to nursing process as the component for nursing care planning used in the AD Nursing curriculum. Assists in understanding roles in nursing and in initiating role changes necessary for working at a different level. Pre-requisite for admission to advanced placement in sophomore nursing courses. Spring and Fall semesters.

Page 125
First column, top, after 150-151, 160-161, 170-171 BASIC HEALTH NEEDS and its accompanying description, add the following:

201 NURSING PRACTICUM (2 credits). This course is offered to provide a concentrated block of clinical experiences in the work situation in health agencies for sophomore nursing students and to extend sophomore students' learning experiences in community health agencies on an individual basis and may include home visits. Prerequisite: Sophomore standing. Both semesters.

Page 126
First column, bottom, under N NURSING, replace the entire course listing with the following:

300 CONCEPTS AND SKILLS OF COMMUNITY HEALTH NURSING (3 credits). The primary focus of this course in community health nursing is the use of nursing processes in family and community settings with emphasis on the psychosocial aspect of individual/family/community health. The course is designed to assist nurses in application of course content to daily work in community health settings as a means of improving the quality of health services. Prerequisite: The student must be a registered nurse with access to a community health setting or permission of the instructor. This course is offered regularly by correspondence, but may be offered as a regular semester offering on demand. Either semester.

306 PROFESSIONAL INTERACTIONS (2 credits). Theory and simulated laboratory experiences with video-taping, designed to enhance communication skills essential for nursing practice. First half directed toward one-to-one communication; second half focuses on group process and communications involving more than two individuals in common practice settings.

307 PROFESSIONAL INTERACTIONS PRACTICUM (1 credit). To be taken with N-306. Fall Semester.
310 COMMUNITY HEALTH NURSING (2 credits). Primary focus on use of nursing process in family and community settings with emphasis on psycho-social aspects of individual/family/community groups. Designed to assist nurses in application of course content to nursing practice in community health settings as a means of improving the quality of health services. Community health nursing settings include homes, clinics or outpatient departments, group classes and elementary through high school health program services. Prerequisite or Concurrent enrollment in N-306-307. Fall/Spring semesters.

311 COMMUNITY HEALTH PRACTICUM (2 credits). To be taken with N-310. Fall/Spring semesters.

316 HEALTH ASSESSMENT (1 credit). Principles and skills of obtaining health and developmental history, and of performing a general physical/psychosocial assessment of individuals. Practice in using assessment tools and in differentiating normal from abnormal findings. To be taken with N-324-325. Prerequisite or Concurrent enrollment in N-306-307 and H-300. Fall/Spring semesters.

317 HEALTH ASSESSMENT PRACTICUM (2 credits). To be taken with N-316. Fall/Spring semesters.

324 CRITICAL CARE NURSING (1 credit). Application of nursing process in care of hospitalized patients in severe psycho/physiological distress who face major changes in life style, including the possibility of death. Encompasses counseling patients' families, and planning with other health care workers for coordination and continuity of patients' care. To be taken with N-316-317. Prerequisite or Concurrent enrollment in N-306-307 and H-300. Fall/Spring semesters.

325 CRITICAL CARE PRACTICUM (2 credits). To be taken with N-324. Fall/Spring semesters.

422 NURSING IN INTENSIVE CARE SITUATIONS (2 credits). Nursing care of adults and children having major surgery, serious trauma, or complex medical problems such as acute respiratory, circulatory, renal, orthopedic, metabolic and neurologic disorders. In addition to identifying and applying recent research findings, students also develop a knowledge and skill base for application of nursing process to patients and their families. Prerequisite: completion of junior core. Fall semester.

423 PRACTICUM: NURSING IN INTENSIVE CARE SITUATIONS (2 credits). To be taken concurrently with N-422. Fall semester.

424 CARDIOVASCULAR NURSING (2 credits). Nursing care of individuals with selected cardiovascular disorders and resultant complications. Application of nursing process to patients and their families. In addition to identifying and applying recent research findings, students also develop technical skills in use of equipment and procedures specific to these patients and their families. Prerequisite: Completion of junior core. Fall semester.

425 PRACTICUM: CARDIOVASCULAR NURSING (2 credits). To be taken concurrently with N-424. Fall Semester.
426 NURSING IN EMERGENCY/TRAUMA SITUATIONS (2 credits). Nursing care of individuals in hospitals or other emergency facilities who have acute, life-threatening conditions. Application of nursing process to these patients and their families, based upon knowledge of the inter-relatedness of body systems and previous learning in intensive and cardiovascular nursing. Prerequisites: N-422-423, N-424-425. Spring semester.

427 PRACTICUM: NURSING IN EMERGENCY/TRAUMA SITUATIONS (2 credits). To be taken concurrently with N-426. Spring semester.

428 NURSING IN HIGH-RISK PERINATAL SITUATIONS (2 credits). Nursing process applied to acutely ill neonatal infants and their families. Identification and application of relevant research and experience in use of equipment and procedures specific to this patient population. Identification and followup in community settings of high-risk mothers and families. Prerequisites: N-422-423, N-424-425. Spring semester.

429 PRACTICUM: NURSING IN HIGH-RISK PERINATAL SITUATIONS (2 credits). To be taken concurrently with N-428. Spring semester.

Option in Nursing Leadership

440 LEADERSHIP IN CLINICAL NURSING I (1 credit). Application of nursing process to direct patient care in a single health care setting. Followed by experience in managing nursing care for a group of patients in that setting with emphasis upon selected aspects of the beginning-level leadership role such as crisis intervention, collegial relationships, self-awareness and communication. Prerequisite: Completion of junior core. Fall semester, first 8 weeks.

441 PRACTICUM: LEADERSHIP IN CLINICAL NURSING I (2 credits). To be taken concurrently with N-440. Fall semester, first 8 weeks.

442 LEADERSHIP IN CLINICAL NURSING II (1 credit). Application of nursing process to direct patient care in single health care setting. Followed by experience in managing nursing care for several groups of patients in that setting with emphasis upon selected aspects of the mid-level leadership role, such as performance appraisals, inter-departmental relationships, and coordination of nursing activities. Prerequisite: N-440-441 or permission of instructor. Fall semester, second 8 weeks.

443 PRACTICUM: LEADERSHIP IN CLINICAL NURSING II (2 credits). To be taken concurrently with N-442. Fall semester, second 8 weeks.

444 LEADERSHIP IN CLINICAL NURSING III (1 credit). Application of nursing process to direct patient care in multiple areas within a single health care agency. Followed by selected experiences in managing nursing care for groups of patients in multiple areas within that agency, emphasizing selected aspects of the top-level leadership role, such as quality assurance, allocation of resources, coping with and managing change, and staff development. Prerequisite: N-442-443 or permission of instructor. Spring semester, first 8 weeks.

445 PRACTICUM: LEADERSHIP IN CLINICAL NURSING III (2 credits). To be taken concurrently with N-444. Spring semester, first 8 weeks.
446 NURSING AND THE POLITICAL SYSTEM (3 credits). Study of nursing's political relationships to overall health care delivery systems. Impact of socio-economic influences on health care and nursing practice. Identification of formal and informal power arrangements which affect professional nursing practice. Prerequisite: Completion of junior core. Fall semester.

447 PRACTICUM: LEADERSHIP IN PROFESSIONAL NURSING PRACTICE (4 credits). Clinical practice in a nursing leadership role chosen jointly by student and faculty. Student has opportunity to synthesize previous learnings, practice leadership styles and skills, utilize personal philosophy of nursing practice and evaluate own performance. Discussion and application of research relevant to nursing leadership. Prerequisites: N-444-445 and N-446. Spring semester, second 8 weeks.

Option in Family Nurse Practice

462 WOMEN'S AND CHILDREN'S HEALTH CARE (2 credits). Family oriented, primary health care of women and children. Experience in assessing and managing their health care, placing major emphasis upon normal physical and psycho-social processes. Recognition of serious health care problems and appropriate referral. Prerequisite: Completion of junior core. Fall semester.

463 PRACTICUM: WOMEN'S AND CHILDREN'S HEALTH CARE (2 credits). To be taken concurrently with N-462. Fall semester.

464 FAMILY NURSE PRACTICE IN EMERGENCY/TRAUMA SITUATIONS (2 credits). Nature and scope of health care services given to individuals and families in emergency/trauma situations in hospital and non-hospital settings. Application of nursing process in life-threatening situations, based upon knowledge of inter-relatedness of body systems. Assessment and management of uncomplicated trauma. Prerequisite: Completion of junior core. Fall semester.

465 PRACTICUM: FAMILY NURSE PRACTICE IN EMERGENCY/TRAUMA SITUATIONS (2 credits). To be taken concurrently with N-464. Fall semester.

466 FAMILY NURSE PRACTICE IN ADULT HEALTH CARE (2 credits). Concepts and skills of primary health care for adults, emphasizing prevention of illness, promotion of health, and early detection of health problems. Includes assessment and management of uncomplicated acute illnesses, common chronic illnesses and health problems associated with aging. Practice in assisting families to cope with stresses caused by illness. Prerequisites: N-462-463, N-464-465. Spring semester, first 8 weeks.

467 PRACTICUM: FAMILY NURSE PRACTICE IN ADULT HEALTH CARE (2 credits). To be taken concurrently with N-466. Spring semester, first 8 weeks.

469 PRACTICUM: FAMILY NURSE PRACTICE (4 credits). Intensive practice allowing student to synthesize knowledge, skills and philosophy of family nurse practice. Conducted as preceptorship with family case-load in rural or urban setting. Student assumes increasing responsibility for decision-making in provision of care, under supervision of preceptor and faculty. Prerequisite: N-466-467. Spring semester, last 8 weeks.
490 OVERVIEW OF NURSING RESEARCH (3 credits). Presents an overview of ideas about nursing research, appropriate to professional nursing practice, including identification and exploration of health care problems. Pre-requisite: Departmental permission. Spring semester.

Page 144
Second column, top, eliminate FT-131 APPLIED MATHEMATICS.
Second column, bottom, eliminate 131 APPLIED MATHEMATICS and its accompanying description.

Page 145
First column, top, add the following:

170 SERVICE, WAITRESS/WAITER (10 credits). The theory and practice of correct dining systems and procedures. 8 week program.

171 CASHIER/HOSTESS (6 credits). The theory and practice of public relations and dining room control. Prerequisite: FT-170. 8 week program.

X X X

NOTE: SPECIAL ADDITION

Page 112
Second column, middle, 472 ELEMENTARY STUDENT TEACHING course description should read:

The following changes to the Boise State University Bulletin 1977 Catalog Issue are effective immediately. Note that as a general rule changes in personnel assignments are not included in the addendum. Reference is made to the current Faculty and Staff Directory and the current semester's Class Schedule - Registration Information for detailed information.

Page 6
First column, under OTHER FEES, below Audit......15.00, etc., insert "Special Registration Fee (non-refundable)......1.50."

Page 14
Second column, replace D. ACADEMIC PROBATION DISQUALIFICATION and its accompanying copy with the following:

ACADEMIC PROBATION AND DISQUALIFICATION POLICY

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

1. Academic Probation

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

<table>
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<tr>
<th>Hours Attempted</th>
<th>Minimum GPA</th>
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The cumulative GPA will be computed on all credits attempted.

C. Students on academic probation will be automatically removed from probation at the time they earn a cumulative GPA equal to or higher than the minimum required for the number of hours attempted.

2. Disqualification

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

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

3. Reinstatement

A. After being disqualified and dismissed from the University, a student may be reinstated by submitting a petition to the academic dean of the school he/she was dismissed from and, receiving favorable action on his/her petition.

B. Students who attend another institution while disqualified must meet the same standards as continuing BSU students when applying for readmission.

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

4. Repeated disqualification

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

B. If a student receives a repeat disqualification,
he/she will be dismissed from the University and cannot be reinstated to the University except by petition to and favorable action from his/her academic dean.

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

5. Forgiveness for Failing Grades

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

6. Restrictions

Students on probation are ineligible for participation in University sponsored extra curricular activities. (See Eligibility for Extra-Curricular Activities section of the BSU Student Handbook.)

Page 94
First column, top, eliminate 309 OPERATIONS DECISIONS AND CONTROLS and its accompanying description.

Page 43
Second column, bottom, under COURSES eliminate 113 COMPETITIVE SPEAKING and its accompanying description.

Page 73
Second column, top, eliminate 461 GOVERNMENT AND BUSINESS and its accompanying description.

Page vi
Bottom, under SUMMER SESSION, delete the entries June 13, Tuesday.............First 5 week session until July 14 and July 17, Monday.............Second 5 week session until August 18.
First column, bottom, under N NURSING, replace the entire course listing with the following:

300 CONCEPTS AND SKILLS OF COMMUNITY HEALTH NURSING (3 credits). The primary focus of this course in community health nursing is the use of nursing processes in family and community settings with emphasis on the psychosocial aspect of individual/family/community health. The course is designed to assist nurses in application of course content to daily work in community health settings as a means of improving the quality of health services. Prerequisite: the student must be a registered nurse with access to a community health setting or permission of the instructor. This course is offered regularly by correspondence, but may be offered as a regular semester offering on demand. Either semester.

312 CONCEPTS AND SKILLS OF HEALTH ASSESSMENT--ACUTE CARE (5 credits). This course studies those concepts-principles most common to the nursing process of identifying and meeting the needs of the acutely ill client and his family. Physical assessment skills will be emphasized. Concurrent requisites: Applied Physiology and departmental permission. Fall semester.

320 NURSING IN ADULT INTENSIVE CARE SITUATIONS (4 credits). This course studies and applies the concept of intensive care nursing in its present and emerging status. Emphasis is on acquiring a sound scientific base for nursing intervention in intensive care situations. Prerequisites: Applied Physiology and N-312 Concepts and Skills of Community Health Assessment and Departmental permission. Spring semester.

321 CARDIOVASCULAR NURSING (4 credits). Nursing requirements of the client cardiovascular pathology will be studied. Emphasis will be placed on acquiring scientific knowledge to provide rationale for nursing intervention and experiences providing the opportunity to practice essential skills. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

340 CONCEPTS AND SKILLS OF HEALTH ASSESSMENT--FAMILY PRACTICE (5 credits). The course includes principle and skills in taking a health and developmental history, performing a physical, psycho-social assessments on individuals. Basic assessments of family interaction patterns and their use of community agencies are included as coordinated knowledge and practice basic to community health nursing. Distinguishing normal from abnormal health states of the individual-family will be stressed. Prerequisites: Departmental permission. Fall semester.

350 FAMILY NURSE PRACTICE (4 credits). Skills and principles of primary health care for individuals (0-16 yr.) are explored in theoretical and clinical settings. The student is provided the opportunity to become clinically competent in health assessments, diagnosis and management of uncomplicated pediatric health problems. Prerequisites: N-340 Concepts and Skills of
351 FAMILY NURSE PRACTICE (4 credits). Basic skills and principles of the physiological and psycho-social processes related to women. The emphasis will be on the assessment and management of uncomplicated gynecological problems, pregnancy, post partum care, family planning and the menopausal process. Prerequisites: N-340, Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

373 HEALTH DELIVERY, THE NURSE'S ROLE I (2 credits). The course involves the assessment of the influence of nursing leadership on health care systems, their function and their effectiveness. Theories of leadership in nursing and implications for change in practice will be identified. Prerequisites: H-302, Health Delivery Systems and Departmental permission. Fall semester.

374 HEALTH DELIVERY, THE NURSE'S ROLE II (2 credits). The course involves the implementation of various nursing leadership theories in the delivery of health care. Multi-community agencies will be used in identifying role responsibilities in professional nursing. Prerequisites: H-302, Health Delivery Systems and Departmental permission. Fall Semester.

376 MANAGER-LEADER, THE NURSE'S ROLE I (2 credits). The course will involve aspects and theories of decision-making within the management responsibilities of the professional nurse. The clinical practice will involve management decision-making in selected health care agencies. Prerequisites: MG-301, Principles of Management and Departmental permission. Spring semester.

377 MANAGER-LEADER, THE NURSE'S ROLE II (2 credits). The course will involve the study of nursing leadership responsibilities in evaluation of care in relation to the Health Delivery System(s). Prerequisites: MG-301, Principles of Management and Departmental permission.

422 NURSING IN INTENSIVE CARE SITUATIONS (2 credits). Nursing care of adults and children having major surgery, serious trauma, or complex medical problems such as acute respiratory, circulatory, renal, orthopedic, metabolic and neurologic disorders. In addition to identifying and applying recent research findings, students also develop a knowledge and skill base for application of nursing process to patients and their families. Prerequisite: Completion of junior core. Fall semester.

423 PRACTICUM: NURSING IN INTENSIVE CARE SITUATIONS (2 credits). To be taken concurrently with N 422. Fall semester.

424 CARDIOVASCULAR NURSING (2 credits). Nursing care of individuals with selected cardiovascular disorders and resultant complications. Application of nursing process to patients and their families. In addition to identifying and applying recent research findings, students also develop technical skills in use of equipment and procedures specific to these patients
(Page 126, continued)

and their families. Prerequisite: Completion of junior core. Fall semester.

425 PRACTICUM: CARDIOVASCULAR NURSING (2 credits). To be taken concurrently with N 424. Fall Semester.

426 NURSING IN EMERGENCY/TRAUMA SITUATIONS (2 credits). Nursing care of individuals in hospitals or other emergency facilities who have acute, life-threatening conditions. Application of nursing process to these patients and their families, based upon knowledge of the inter-relatedness of body systems and previous learning in intensive and cardiovascular nursing. Prerequisites: N 422-423, N 424-425. Spring semester.

427 PRACTICUM: NURSING IN EMERGENCY/TRAUMA SITUATIONS (2 credits). To be taken concurrently with N 426. Spring semester.

428 NURSING IN HIGH-RISK PERINATAL SITUATIONS (2 credits). Nursing process applied to acutely ill neonatal infants and their families. Identification and application of relevant research and experience in use of equipment and procedures specific to this patient population. Identification and follow-up in community settings of high-risk mothers and families. Prerequisites: N 422-423, N 424-425. Spring semester.

429 PRACTICUM: NURSING IN HIGH-RISK PERINATAL SITUATIONS (2 credits). To be taken concurrently with N 428. Spring semester.

Option in Nursing Leadership

440 LEADERSHIP IN CLINICAL NURSING I (1 credit). Application of nursing process to direct patient care in a single health care setting. Followed by experience in managing nursing care for a group of patients in that setting with emphasis upon selected aspects of the beginning-level leadership role such as crisis intervention, collegial relationships, self-awareness and communication. Prerequisite: Completion of junior core. Fall semester, first 8 weeks.

441 PRACTICUM: LEADERSHIP IN CLINICAL NURSING I (2 credits). To be taken concurrently N 440. Fall semester, first 8 weeks.

442 LEADERSHIP IN CLINICAL NURSING II (1 credit). Application of nursing process to direct patient care in single health care setting. Followed by experience in managing nursing care for several groups of patients in that setting with emphasis upon selected aspects of the mid-level leadership role, such as performance appraisals, inter-departmental relationships, and coordination of nursing activities. Prerequisite: N 440-441 or permission of instructor. Fall semester, second 8 weeks.

443 PRACTICUM: LEADERSHIP IN CLINICAL NURSING II (2 credits). To be taken concurrently with N 442. Fall semester, second 8 weeks.
444 LEADERSHIP IN CLINICAL NURSING III (1 credit). Application of nursing process to direct patient care in multiple areas within a single health care agency. Followed by selected experiences in managing nursing care for groups of patients in multiple areas within that agency, emphasizing selected aspects of the top-level leadership role such as quality assurance, allocation of resources, coping with and managing change, and staff development. Prerequisite: N 442-443 or permission of instructor. Spring semester, first 8 weeks.

445 PRACTICUM: LEADERSHIP IN CLINICAL NURSING III (2 credits). To be taken concurrently with N 444. Spring semester, first 8 weeks.

446 NURSING AND THE POLITICAL SYSTEM (3 credits). Study of nursing's political relationships to overall health care delivery systems. Impact of socio-economic influences on health care and nursing practice. Identification of formal and informal power arrangements which affect professional nursing practice. Prerequisite: Completion of junior core. Fall semester.

447 PRACTICUM: LEADERSHIP IN PROFESSIONAL NURSING PRACTICE (4 credits). Clinical practice in a nursing leadership role chosen jointly by student and faculty. Student has opportunity to synthesize previous learnings, practice leadership styles and skills, utilize personal philosophy of nursing practice and evaluate own performance. Discussion and application of research relevant to nursing leadership. Prerequisites: N 444-445 and N 446. Spring semester, second 8 weeks.

Option in Family Nurse Practice

462 WOMEN'S AND CHILDREN'S HEALTH CARE (2 credits). Family oriented, primary health care of women and children. Experience in assessing and managing their health care, placing major emphasis upon normal physical and psycho-social processes. Recognition of serious health care problems and appropriate referral. Prerequisite: Completion of junior core. Fall semester.

463 PRACTICUM: WOMEN'S AND CHILDREN'S HEALTH CARE (2 credits). To be taken concurrently with N 462. Fall semester.

464 FAMILY NURSE PRACTICE IN EMERGENCY/TRAUMA SITUATIONS (2 credits). Nature and scope of health care services given to individuals and families in emergency/trauma situations in hospital and non-hospital settings. Application of nursing process in life-threatening situations, based upon knowledge of inter-relatedness of body systems. Assessment and management of uncomplicated trauma. Prerequisite: Completion of junior core. Fall semester.

465 PRACTICUM: FAMILY NURSE PRACTICE IN EMERGENCY/TRAUMA SITUATIONS (2 credits). To be taken concurrently with N 464. Fall semester.
466 FAMILY NURSE PRACTICE IN ADULT HEALTH CARE (2 credits)
Concepts and skills of primary health care for adults, emphasizing prevention of illness, promotion of health, and early detection of health problems. Includes assessment and management of uncomplicated acute illnesses, common chronic illnesses and health problems associated with aging. Practice in assisting families to cope with stresses caused by illness.
Prerequisites: N 462-463, N 464-465. Spring semester, first 8 weeks.

467 PRACTICUM: FAMILY NURSE PRACTICE IN ADULT HEALTH CARE (2 credits). To be taken concurrently with N 466. Spring semester, first 8 weeks.

469 PRACTICUM: FAMILY NURSE PRACTICE (4 credits). Intensive practice allowing student to synthesize knowledge, skills and philosophy of family nurse practice. Conducted as preceptorship with family case-load in rural or urban setting. Student assumes increasing responsibility for decision-making in provision of care, under supervision of preceptor and faculty.
Prerequisite: N 466-467. Spring semester, last 8 weeks.

490 OVERVIEW OF NURSING RESEARCH (3 credits). Presents an overview of ideas about nursing research, appropriate to professional nursing practice, including identification and exploration of health care problems. Pre-requisite: Departmental permission. Spring semester.

Page 124
Second column, bottom, under N NURSING, add the following:

114 ORIENTATION TO ASSOCIATE DEGREE NURSING FOR ADVANCED PLACEMENT STUDENTS (1 credit). Designed as a part of the advanced placement program enabling students (who have successfully passed the required challenge exams) to receive credit for one to two semesters of nursing on the basis of previous nursing education and/or experience. Introduces students to nursing process as the component for nursing care planning used in the AD Nursing curriculum. Assists in understanding roles in nursing and in initiating role changes necessary for working at a different level. Pre-requisite for admission to advanced placement in sophomore nursing courses. Spring and Fall semesters.

Page 125
First column, top, after 150-151, 160-161, 170-171 BASIC HEALTH NEEDS and its accompanying description, add the following:

201 NURSING PRACTICUM (2 credits). This course is offered to provide a concentrated block of clinical experiences in the work situation in health agencies for sophomore nursing students and to extend sophomore students' learning experiences in community health agencies on an individual basis and may include home visits. Prerequisite: Sophomore standing. Both semesters.
Page 3
First column, 4. (continuing A. If NEW FRESHMAN from previous page) should read:

4. ACT, SAT, or WPC test scores.

First column, under B. If TRANSFER STUDENT..., item 4. should read:

4. ACT, SAT, or WPC test scores, or evidence of successful completion of English Composition sequence.

First column, under If VETERAN; ..., item 4. should read:

4. ACT, SAT, or WPC scores, or evidence of successful completion of English Composition sequence.

Page 36
First column, bottom, after course description 116 LANDSCAPE PAINTING, add the following:

123 CRAFTS (2 credits) This course is open to non-art majors. Lectures will be in the nature of crafts, the design principles, craftsmanship and creativity. Several areas of crafts applicable to the public school classroom will be introduced. Simple crafts, leather work, mosaic, ceramic tile construction, batik, tie and die, creative stitchery, enameling, macrame, simple ceramic work, sheet plastic and others may be assigned. The proper use of hand tools and their safety will be stressed. Four studio hours per week. Either semester.

Second column, bottom, change course description 309 STUDIO IN PRINTMAKING to read:

309 STUDIO IN PRINTMAKING (3 credits) Advanced printmaking in any one of the following specialized areas; each of which may be repeated once for credit: intaglio, lithography, serigraphy, and relief printing.

Page 39
Second column, middle, under 322 FRESHWATER ALGAE, change Prerequisites to read:

Prerequisites: BT-130 and Z 130. BT-311, Plant Morphology, recommended. Alternates with Z-307 or Z-361.
Page 44
Second column, top, eliminate 375 STUDENT PUBLICATIONS TECHNIQUES and its accompanying description.

Page 46
Second column, top, eliminate 320 NON-BRITISH WESTERN WORLD DRAMA and its accompanying description.

Page 53
First column, middle, eliminate 441 INTRODUCTION TO GEOPHYSICAL METHODS and its accompanying description.

Page 56
Second column, middle, eliminate 420 THE LIBERAL REVOLUTIONS, 1776-1832 and its accompanying description.

Second column, bottom, eliminate 425 TWENTIETH CENTURY REVOLUTIONS and its accompanying description.

First column, middle, change 319 ANCIENT GREECE to read:

319 ANCIENT GREECE (3 credits). A study of the ancient Greek world from the Minoan thalassocracy of the second millennium to the empire of Alexander the Great in the late fourth century B.C. Political, economic, and cultural history are emphasized with special attention given to the outstanding achievements of the Greeks in political and philosophical thought, epic and dramatic poetry, historical writing and visual arts. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

First column, middle, change 321 MEDIEVAL HISTORY title and description to read:

321 MEDIEVAL EUROPE (3 credits). A study of the political, economic, and cultural development of Western Europe from the fourth to the fourteenth century. Special attention given to the Constantinian revolution, the Carolingian empire, Feudalism and Chivalry, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

Page 66
First column, middle, eliminate 413-414 CONTINUOUS REALIZATION AND IMPROVISATION and its accompanying description.

First column, middle, eliminate 421 CANON & FUGUE and its accompanying description.

First column, middle, eliminate 456 ORCHESTRATION and its accompanying description.

Page 62
Second column, bottom, change 3. Electives under I. PERFORMANCE EMPHASIS REQUIREMENTS to read:

3. Electives (any area) . . . . . . . . . . . . . . . . . 13-16
   A. Voice Majors must include 1 semester of MU-147. 1 credit
Page 63
First column, top, change C. UPPER DIVISION COURSES.................32 to read:

UPPER DIVISION COURSES............................24

Change BAND AND ORCHESTRA ARRANGING.........................4 to read:

BAND ARRANGING......................................2

Eliminate CANON AND FUGUE.............................2
Eliminate CONTINUO REALIZATION AND IMPROVISATION...............4

Change 3. ELECTIVES (ANY AREA).............................11-14 to read:

3. ELECTIVES (ANY AREA)...............................19-22

Page 64
First column, bottom, under 444 MUSIC EDUCATION--BACHELOR OF ARTS SENIOR RECITAL, insert the words:

Graded Pass/Fail.

between "study in the area." and "Each semester."

Second column, top, under 445 RECITAL, insert the words:

Graded Pass/Fail.

between "the music department." and "Each semester."

Second column, top under 446 SENIOR PERFORMANCE RECITAL, insert the words:

Graded Pass/Fail.

between "private teacher." and "Each semester."

Second column, top, under 447 SENIOR COMPOSITION RECITAL, insert the words:

Graded Pass/Fail.

between "supervising faculty member." and "Each semester."

Page 65
Second column, bottom, under 345 OPERA THEATRE, change the statement:

Maximum 4 credits.

to:

May be repeated for up to 8 credits.

First column, middle, change course title 121-122 BEGINNING EAR TRAINING to:

121-122 EAR TRAINING I-II
(Page 65, continued)

First column, bottom, change course title 221-222 ADVANCED EAR TRAINING to read:

221-222 EAR TRAINING III-IV

First column, bottom, under the new heading 221-222 EAR TRAINING III-IV, change Prerequisite section to read:

Prerequisite: Materials of Music II MU-120, Ear Training I-II MU 121-122, and at least one year of piano, or concurrent piano study. Fall-Spring semester.

Page 70
First column, bottom, under 2. UPPER DIVISION COURSES(30 credits), eliminate PO-325 REGIONAL ADMINISTRATION, and insert PO-469 INTERGOVERNMENTAL RELATIONS ..........3 after PO-467 ADMINISTRATIVE LAW.

Page 73
First column, middle, under 320 AMERICAN POLICY PROCESS, change "...Either semester." to "Either semester, alternate years."

First column, bottom, eliminate 325 REGIONAL ADMINISTRATION and its accompanying description.

First column, bottom, eliminate 330 ISSUES IN PUBLIC PERSONNEL AFFAIRS and its accompanying description.

First column, bottom, under 324 COMPARATIVE COMMUNIST PARTY-STATE SYSTEMS, change "...Either semester...." to "Fall semester...."

Page 76
First column, near top, under REQUIREMENTS FOR SOCIOLOGY MAJOR, add to 1. immediately following "on pages 17-18." the following:

Bachelor of Arts degree candidates are required to complete one year of a foreign language. Sociology courses may not be used to satisfy Area II requirements.

Change 2. to read:

2. At least 78 credit hours in fields other than Sociology to be selected by the student in consultation with the student's Sociology faculty advisor.

Page 77
First column, bottom, change 361 CORRECTIONAL ADMINISTRATION and its accompanying description to read:

362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3 credits).
(Crosslist - SO-362) The historical development, processes, and methods of operating the adult correctional system will be discussed in this course. A detailed study will be made of the philosophy and development of treatment strategies in the institution and the community.

Second column, bottom, following 361 INDUSTRIAL SOCIOLOGY and its accompanying description, insert:
362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3 credits).
(Crosslist - CR-362) The historical development, processes, and methods of operating the adult correctional system will be discussed in this course. A detailed study will be made of the philosophy and development of treatment strategies in the institution and the community.

Page 80
Second column, top, change course number for 481 PUPPETRY to 281 PUPPETRY.

Page 79
Second column, bottom, change course number for 333 STAGE VOICE to 233 STAGE VOICE.

Page 80
Second column, top, change course number for 487g-488g CHILDREN'S THEATRE to 287-288 CHILDREN'S THEATRE.

Page 78
Second column, bottom, under FRESHMAN YEAR: , eliminate GENERAL PSYCHOLOGY* .

Page 79
Second column, bottom, eliminate 334 ADVANCED ORAL INTERPRETATION and its accompanying description.

Second column, under UPPER DIVISION, change course number 311-312 ADVANCED ACTING to read:

311 ADVANCED ACTING

Page 80
First column, bottom, eliminate 451 THEATRE THEORY AND CRITICISM and its accompanying description.

Page 79
Second column, middle, change 117-118 TECHNICAL THEATRE (3 credits). to 117-118 TECHNICAL THEATRE (4 credits).

Page 94
First column, top, eliminate 308 OPERATIONS MANAGEMENT and its accompanying description.

First column, middle, following 406 COMPENSATION MANAGEMENT and its accompanying description, add the following:

408 OPERATIONS MANAGEMENT (3 credits). This course applies the quantitative tools needed in the operations and production management fields for effective decision making. The nature of the interactions between the operations manager and the other business systems will be developed. Typical topics include: process design, facilities layout and location and aggregate planning. Most types of business environments will be considered. Prerequisites: GB-208, GB-366, MG301.

409 DECISIONS ANALYSIS (3 credits). This course will emphasize the decisions analysis tools such as probability assessment, utility theory, cer-ainty models, uncertainty models, and Bayesian statistical inference. The emphasis will be on presenting the tools in actual business applications.
Please refer to the first entry on page 6 of the Addendum.

Which of the Production courses (MG-408 or MG-409) is the Department of Management and Finance requiring for the General Business, No Option, degree?

We presume it is OPERATIONS MANAGEMENT since that is the equivalent of the old MG-308) but that title on page 6, PRODUCTION DECISIONS AND CONTROLS, makes us wonder if we are in error.
Page 86
First column, bottom, under SENIOR YEAR, change Operations Management to Production Decisions and Controls.

Page 85
First column, bottom, under GRADUATION REQUIREMENTS FOR DEGREE IN ECONOMICS - SOCIAL SCIENCE SECONDARY EDUCATION OPTION, change 4. Accounting... to read:

4. Accounting - AC 205 required

Second column, top, change 6. Sufficient electives..., to read:

6. Economics - 15 credit hour emphasis

EC-201 and 202 6 hrs.
EC 303 or 305 3 hrs.
plus any 6 hour of upper division economics electives.

7. Sufficient electives to complete a total of 128 Credit Hours of which 40 must be upper division.

Page 94
Second column, bottom, following 360 REAL ESTATE FINANCE and its accompanying description, add the following:

370 REAL ESTATE DEVELOPMENT (3 credits). The course is designed to examine the many intricacies of the development process. The course will cover the traditional development process including market analysis, feasibility study, land acquisition, zoning, layout and design, design review, financing, construction, occupancy, and sale. In addition, the course concerns itself with the many factors of the planning process and the developer obligation and concern for problems of energy, environment, transportation, and social acceptability as they relate to the basic national need for housing.

First column, top, eliminate 309 OPERATIONS DECISIONS AND CONTROLS and its accompanying description.

Page 93
Second column, bottom, change 466 QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS...Prerequisites: GB-208 (was GB-306) and MG-301.... to read:

366 QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS...Prerequisites: GB-207, MG-301.

Page 94
First column, bottom, eliminate 420 APPLIED MARKETING RESEARCH and its accompanying description.

Page 108
Second column, middle, eliminate 130 WATER POLO (M) and its accompanying description.

Page 109
First column, top, eliminate 157-158 DRILL TEAM (W) and its accompanying description.
(Page 109, continued)
First column, middle, eliminate 178 BEGINNING SWIMMING (M) and its accompanying description.

Page 110
First column, top, eliminate 275 INTERMEDIATE FIELD HOCKEY (W) and its accompanying description.

First column, top, eliminate 280 INTERMEDIATE ARCHERY (COED) and its accompanying description.

Page 108
Second column, bottom, following 136 FLY CASTING AND TIEING (COED) and its accompanying description, add the following:

137 BASIC MOVEMENT (COED) (1 credit). Professional activities. Instruction and practice in Basic Movements. (Required of all P. E. Majors) Prerequisite: None. Either semester.

138 FIELD SPORTS (COED) (1 credit). Professional activities. Instruction and practice in Field Sports (Required in some options) Prerequisite: None. Either semester.

139 GYMNASTICS (COED) (1 credit). Professional activities. Instruction and practice in Gymnastics. (Required in some options) Prerequisite: None. Either semester.

140 BASKETBALL AND VOLLEYBALL (COED) (1 credit). Professional activities. Instruction and practice in Basketball and Volleyball. (Required in some options) Prerequisite: None. Either semester.

141 SWIMMING (COED) (1 credit). Professional activities. Instruction and practice in Swimming (Required in some options) Prerequisite: None. Either semester.

142 RESISTANCE TRAINING AND CONDITIONING PROCEDURES (COED) (1 credit). Professional activities. Instruction and practice in Resistance Training activities (Required of all P. E. majors) Prerequisite: None. Either semester.

Second column, bottom, eliminate 145 BASIC MOVEMENT AND FIELD SPORTS (W) and its accompanying description.

Second column, bottom, eliminate 146 BASKETBALL, TENNIS AND BADMINTON (W) and its accompanying description.

Second column, bottom, eliminate 147 BASIC MOVEMENT, SOCCER AND SPEEDBALL (M) and its accompanying description.

Second column, bottom, eliminate 148 BASKETBALL, TRACK AND FIELD (M) and its accompanying description.

Page 109
Second column, bottom, following 235 ADVANCED KARATE (COED) and its accompanying description, add the following:
237 TENNIS AND BADMINTON (COED) (1 credit). Professional activities. Instruction and practice in Tennis and Badminton (Required in some options) Prerequisite: None. Either semester.

238 TRACK AND FIELD (COED) (1 credit). Professional activities. Instruction and practice in Track and Field (Required in some options) Prerequisite: None. Either semester.

239 ARCHERY AND BOWLING (COED) (1 credit). Professional activities. Instruction and practice in Archery and Bowling (Required in some options) Prerequisite: None. Either semester.

240 WRESTLING AND RHYTHMIC GYMNASTICS (COED) (1 credit). Professional activities. Instruction and practice in Wrestling and Rhythmic Gymnastics (Required in some options) Prerequisite: None. Either semester.

241 GOLF (COED) (1 credit). Professional activities. Instruction and practice in Golf (Required in some options) Prerequisite: None. Either semester.

Second column, bottom eliminate the following courses and their accompanying descriptions:

245 TRACK AND FIELD, TRAMPOLINE AND GYMNASTICS (W)
246 VOLLEYBALL, ARCHERY, GOLF, AND BOWLING (W)
247 TENNIS, BADMINTON, AND VOLLEYBALL (M)
248 TRAMPOLINE, GYMNASTICS, ARCHER, GOLF, AND BOWLING (M)

Page 110
Second column, top, eliminate the following courses and their accompanying descriptions:

345 INSTRUCTION AND PRACTICE IN RHYTHMS (W)
347 WRESTLING AND WEIGHT TRAINING (M)

Page 108
Second column, middle, following 110 TEAM HANDBALL (M) and its accompanying description, add the following:

111 BICYCLE TOURING (COED) (1 credit). This course is designed to acquaint students with the proper techniques of bicycle touring. Emphasis will be on bicycle safety, bicycle anatomy and riding techniques, care and maintenance of the bicycle, and physical fitness through bicycle riding. Students will furnish their bicycle. Prerequisite: None. Either semester.

Second column, middle, following 112 BILLIARDS (COED) and its accompanying description, add the following:

120 BEGINNING YOGA (COED) (1 credit). Gentle yoga exercises of stretching and controlled breathing to promote good health and relief from tension. Emphasis upon flexibility, balance, relaxation,
meditation, and integration of body and mind. Prerequisite: None. Either semester.

Page 109
Second column, middle, following 233 ADVANCED MODERN DANCE (COED) and its accompanying description, add the following:

234 ADVANCED INTERNATIONAL FOLK DANCING (COED) (1 credit). Continuation for the development of skill in the basic dance steps and application of these steps to more complex dance patterns. Instruction in dances utilizing more difficult steps, sequences and rhythms. Prerequisite: PE-189 or experience. Either semester.

Second column, bottom, following 255 EVALUATION IN PHYSICAL EDUCATION (COED) and its accompanying description, add the following:

257 WATER SAFETY INSTRUCTOR'S COURSE (COED) (2 credits). The course includes: A review of the courses the instructor is eligible to teach, teaching methods relative to those courses, general information for instructors, and practice teaching. Satisfactory completion of the course qualifies the student for an ARC WSI certificate. Prerequisite: A current ARC Advance d Lifesaving Certificate and an ARC swimmer level of skill, and an interest in teaching. Either semester.

Page 108
First column, bottom, under PE PHYSICAL EDUCATION, following 100 HEALTH EDUCATION (COED) and its accompanying description, add the following:

Required of all P. E. Majors. Prerequisite: None. Either semester.

Second column, top, change course description of 102 KAYAKING AND CANOEING to read:

102 KAYAKING AND CANOEING (COED) (1 credit). The basic Kayaking and Canoeing course is designed primarily to cover the principles of safety and self rescue using this type of small craft. The objective of the course is to teach safe handling skills, self rescue skills, skills in helping or rescuing others who are in trouble and ways to apply the basic skills interestingly and safely. Prerequisite: Candidates must have sufficient swimming ability to maintain themselves in water 10 minutes. Must be able to jump into water fully clothed and float and tread water safely for 10 minutes. Either semester.

Second column, top, under 103 INTRODUCTION TO RECREATION (COED), change the phrase, "Spring semester. Prerequisite none." to read:

Prerequisite: none. Spring semester.

Second column, top, under 104 TARGET AND TRAP SHOOTING, change "...shotgun and trap...semester." to read:

"...shotgun/shells and trap range fees. Prerequisite: None. Either semester."
(Page 108, continued)

Second column, top, under 105 FIRST AID (COED), insert the words "Prerequisite: None." between "...Majors." and "Either semester."

Second column, middle, under 108 ADAPTIVE PHYSICAL EDUCATION (COED), change the material following (2) to read:

(2) Avoid losing credit from an activity in which they can no longer participate. The course may be repeated for credit. Prerequisite: None. Either semester.

Second column, middle, under 109 JOGGING (COED), change "...suitable to his capabilities..." to read "...suitable to his/her capabilities...", and insert the words "Prerequisite: None." between "...respiratory system." and "Either semester."

Second column, middle, under 110 TEAM HANDBALL, change '(M)' to "(COED)" and insert the words "Prerequisite: None." between "...be taught." and "Either semester."

Second column, middle, under 112 BILLIARDS (COED), change the words "...instruction for the beginners..." to "...instruction for beginners...", and insert the words "Prerequisite: None." between "...also be taught." and "Either semester."

Second column, middle, under 131 SPRING BOARD DIVING (COED), change its accompanying description to read:

The course is designed for the beginning diver, basic dive movements, proper body alignment, safety in diving and diving areas. Prerequisite: Swim 50 yards. Either semester.

Second column, middle, under 132 SKIN AND SCUBA DIVING (COED), change its accompanying description to read:

Beginning skin diving and scuba skills will be taught. Instruction in the proper use of mask, fins and snorkle, introduction to the scuba diving aspect, panic control, mechanical use of equipment, safety techniques and buddy diving will be stressed. Cost to student approximately $35.00. Prerequisite: Swim 400 yards crawl stroke in 12 minutes, tread water for 15 minutes and carry a 10 lb. weight 25 yards. Either semester.

Second column, bottom, under 133 MODERN DANCE (COED), insert the words "Prerequisite: None." between "...movement exploration." and "Either semester."

Second column, bottom, under 134 BACKPACKING AND CAMPING (COED), change "...their own equipment. Either semester." to read "...their own equipment and transportation. Prerequisite: None. Either semester."

Second column, bottom, change 135 KARATE (COED) to read 135 BEGINNING KARATE (COED), and in the accompanying description, insert the words "Prerequisite: None." between "...own Gi." and "Either semester."
Second column, bottom, change 136 FLY CASTING AND TIEING and its accompanying description to read:

136 FLY CASTING AND STREAM STRATEGY (COED) (1 credit). For fly fisherman only. Techniques of flycasting, including single haul and double haul methods of presentation will be taught. Presentation of insect, minnow, and terrestrial imitations will be explained and practiced. Techniques associated with the catching and releasing of warm water, cold water, and anadromous fishes will be emphasized. Students must provide their own equipment and transportation. Prerequisite: None. Either semester.

Page 109
First column, top, under 163 BEGINNING VOLLEYBALL (W), insert the words "Prerequisite: None." between "...team strategy." and "Either semester."

First column, top, under 164 BEGINNING VOLLEYBALL (M), change the words "...end objective. Each semester." to read: "...end objective. Prerequisite: None. Either semester."

First column, top, under 165 BEGINNING BASKETBALL (W), insert the words "Prerequisite: None." between "...team strategy." and "Either semester."

First column, top, under 166,167 VARSITY PARTICIPATION, change "...softball." to read:

"...softball, volleyball. Prerequisite: For varsity participants only. Either semester."

First column, middle, under 168 BASKETBALL (M), change "...Spring semester." to read:

"...Prerequisite: None. Either semester."

First column, middle, under 169 BEGINNING TENNIS (COED), change its accompanying description to read:

"The course includes basic skills, strategies, and rules. Students will furnish their own racket. Prerequisite: None. Either semester."

First column, middle, under 174 BEGINNING JUDO (COED), change the words "...Each semester." to "...Prerequisite: None. Either semester."

First column, middle, under 175 BEGINNING SELF-DEFENSE (COED), change the words "...improve the physical coordination... Each semester." to read:

"...improve the coordination...Prerequisite: None. Either semester."
First column, middle, under 179 RUGBY (M), change the words "...Each semester." to read:
"...Prerequisite: None. Either semester."

First column, bottom, change course title 180 BEGINNING ARCHERY (COED) to read 180 ARCHERY (COED), and in the accompanying description, change the words "...Each semester." to read:
"...Prerequisite: None. Either semester."

First column, bottom, under 181 BEGINNING GOLF (COED), change the accompanying description to read:
"The course is designed 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. Green fee approximately $10.00. Prerequisite: None. Either semester."

First column, bottom, change course title 182 TRACK AND FIELD (W) to read 182 TRACK AND FIELD (COED), and in the accompanying description, change the words "Spring semester." to read:
"Prerequisite: None. Spring semester."

First column, bottom, change course title 183 HANDBALL AND COURT GAMES (M) to read 183 HANDBALL (M), and in the accompanying description, change the words "...of handball and paddleball...Either semester." to read:
"...of handball,...Prerequisite: None. Either semester."

First column, bottom, under 184 RECREATIONAL DANCE (COED), change the words "...Each semester." to read:
"...Prerequisite: None. Either semester."

First column, bottom, change 185 PHYSICAL FITNESS ACTIVITIES (W) and its accompanying description to read:
185 FITNESS ACTIVITIES (W) (1 credit). A course designed to meet individual fitness that includes muscular strength and endurance, flexibility, cardiorespiratory endurance, and percent body fat. Weight and figure control are prime objectives of the course. Prerequisite: None. Either semester.

First column, bottom, change 186 PHYSICAL FITNESS ACTIVITIES (M) and its accompanying description to read:
186 FITNESS ACTIVITIES (M) (1 credit). A class designed to improve techniques and skills for individual fitness, with emphasis on drills and general conditioning programs for individual needs. The students will also be introduced to
a wide variety of activities where new and old skills can be used to improve total fitness. Prerequisite: None. Either semester.

First column, bottom, under 188 SOCIAL DANCING (COED), insert the words "Prerequisite: None." between "...novelty dances." and "Either semester."

First column, bottom, under 189 INTERNATIONAL FOLK DANCING (COED), insert the words "Prerequisite: None." between "...different countries." and "Either semester."

Second column, top, under 190 BEGINNING BOWLING, change the words "Each semester...approximately $10.00" to read:

"Bowling fee approximately $10.00. Prerequisite: None. Either semester."

Second column, top, under 191 ALPINE SKIING (COED), change the words "...their own equipment. Spring semester." to read:

"...their own equipment and transportation. Prerequisite: None. Spring semester."

Second column, top, under 192 DEFENSIVE TACTICS (COED), change the words "...will furnish Gi. Each semester." to read:

"...will furnish their own Gi. Prerequisite: For Criminology Majors only. Either semester."

Second column, top, under 193 TOUCH FOOTBALL (M), insert the words "Prerequisite: None. between "...can be used." and "Fall semester."

Second column, top, under 202 PRINCIPLES OF PHYSICAL EDUCATION (COED), change the words "...Sophomore year. Prerequisite: Introduction to Physical Education, PE 101. Each semester." to read:

"Prerequisite: PE 101 and Sophomore standing. Either semester."

Second column, top, under 208 BEGINNING GYMNASTICS (M), insert the words "Prerequisite: None." between "...safety techniques." and "Either semester."

Second column, top, under 209 ADVANCED SELF-DEFENSE (COED), change the words "Prerequisite: Instructor's permission. Each semester." to read:

"Prerequisite: PE 175 or experience. Either semester."

Second column, middle, under 210 ADVANCED JUDO (COED), change the words "Each semester." to read:

"Prerequisite: PE 174 or experience. Either semester."
Second column, middle, under 228 INTRODUCTION TO ATHLETIC INJURIES (COED), change the words "care prevention, and rehabilitation." to read "...care and prevention of injuries and rehabilitation procedures." Eliminate the entire sentences "The role of the Athletic Trainer, ...physical education and athletics. Control and care of injuries." Change Prerequisite section to read:

"Prerequisite: C 107 and Z 107 or Z 130 and Sophomore standing."

Second column, middle, under 230 ANATOMICAL KINESIOLOGY (COED), change the prerequisite section to read:

"Prerequisite: C 107 and Z 107 or Z 130 and Sophomore standing."

Second column, middle, under 233 ADVANCED MODERN DANCE (COED), change prerequisite section to read:

"Prerequisite: PE 133 or experience."

Second column, middle, under 235 ADVANCED KARATE (COED), insert the words "Students will furnish their own Gi." between the words "...of rank." and "Prerequisite:...". Change words "...or Instructor's permission." to read "...or experience."

Second column, bottom, under 253 BEGINNING GYMNASTICS (W), change the words "Each semester." to read "Prerequisite: None. Either semester."

Second column, bottom, eliminate 255 EVALUATION IN PHYSICAL EDUCATION (COED) and its accompanying description.

Page 110
First column, bottom, add the following:

309 EVALUATION IN PHYSICAL EDUCATION (COED) (3 credits). Review of basic mathematical concepts as related to statistical analysis, philosophy of evaluation, construction, administration, and interpretation of tests. Required of all P. E. majors. Prerequisite: PE 304 and Junior standing. Either semester.

Page 106
Second column, top, under SOPHOMORE YEAR, eliminate the words "PE 255 EVALUATION IN PHYSICAL EDUCATION..............3"

Second column, top, under JUNIOR YEAR, add the words "PE 309 EVALUATION IN PHYSICAL EDUCATION..............3"

Page 109
Second column, bottom, under 261 INTERMEDIATE BADMINTON (COED), change the words following Prerequisite: to read:

"PE 161 or experience. Either semester."

Second column, bottom, under 263 INTERMEDIATE VOLLEYBALL (W), change words following Prerequisite: to read:

"PE 163 or experience. Either semester."
Second column, bottom, under 264 INTERMEDIATE VOLLEYBALL (M), change the words following Prerequisite: to read:

"PE 164 or experience. Either semester."

Second column, bottom, under 265 INTERMEDIATE BASKETBALL, change (W) to (COED), and change Prerequisite section to read:

"Prerequisite: PE 165/ PE 168 or experience. Either semester."

First column, top, change the words following "...experience and strategy." to read:

"Students will furnish their own racket. Prerequisite:
PE 269 or experience. Either semester."

First column, top, under 273 INTERMEDIATE GYMNASTICS (W), change the Prerequisite section to read:

"Prerequisite: PE 253 or experience. Either semester."

First column, top, under 276 ADVANCED SOCCER (M), change words following Prerequisite: to read:

"PE 173 or experience. Either semester."

First column, top, under 277 WEIGHT TRAINING (M), change the accompanying description to read:

277 WEIGHT TRAINING (M) (1 credit). The purpose of this course is to introduce the novice to a program of basic body building and conditioning exercises that may be accomplished with progressive difficulty. The advanced student is provided with progressive skills and conditioning methods relative to resistance exercises. A brief history of weight training and lifting is conveyed, as well as general and specific procedures, safety factors and an explanation of the facts and fallacies of using resistance during exercise. Prerequisite: None. Either semester.

First column, top, under 278 INTERMEDIATE GYMNASTICS (M), change the Prerequisite section to read:

"PE 208 or experience. Either semester."

First column, middle, under 281 INTERMEDIATE SWIMMING (COED), insert the words "Prerequisite: Swim 50 yards." between "...diving, and contests." and "Either semester."

First column, middle, change course title 282 SENIOR LIFESAVING (COED) to read 282 ADVANCED LIFESAVING (COED), and change Prerequisite section to read:

"Good health and ability to swim 500 yards. Either semester."
First column, middle, eliminate 283 WATER SAFETY INSTRUCTOR'S COURSE (COED) and its accompanying description.

First column, middle, under 285 INTERMEDIATE GP:F (COED), change the words beginning with "Prerequisite:..." and continuing on to the end of the description to read:

"Green Fee approximately $10.00. Prerequisite: PE 181 or experience. Either semester."

First column, middle, under 286 BEGINNING FENCING (COED), change the words "Each semester." to read:

"Prerequisite: None. Either semester."

First column, middle, under 287 INTERMEDIATE FENCING (COED), change the Prerequisite section to read:

"PE 286 or experience. Either semester."

First column, middle, under 290 ADVANCED BOWLING (COED), change the words beginning "Prerequisite:..." to read:

"Bowling fee approximately $10.00. Prerequisite: PE 190 or experience. Either semester."

First column, bottom, under 303 INTRAMURALS AND SPORTS OFFICIATING, insert the words "Prerequisite: Junior standing." between "...intramural officiating." and "Either semester."

First column, bottom, under 304 METHODS FOR TEACHING PHYSICAL EDUCATION (COED), change the words beginning "Prerequisite:..." to read:

"Required of all PE Majors. Prerequisite: 4 credits in professional activities, Junior standing. Either semester."

First column, bottom, under 305 PERSONAL AND PUBLIC HEALTH PROBLEMS (COED), change the accompanying description to read:

An in-depth study of the current issues and trends in health programming and education. Designed to present the student with a progressive health topic sequence of instruction. An emphasis will be placed upon prospective health-related individual and social problems. Prerequisite: PE 100 and Junior standing. Either semester.

First column, bottom, under 310 PHYSIOLOGICAL KINESIOLOGY (COED), change the Prerequisite section to read:

PE 230 and Junior standing. Either semester.

First column, bottom, under 311 BIOMECHANICAL KINESIOLOGY (COED), change the Prerequisite section to read:

PE 230 and Junior standing. Either semester.
First column, bottom, change course title 319 TECHNIQUES AND METHODS OF COACHING FOOTBALL to 319 TECHNIQUES AND METHODS OF COACHING FOOTBALL (COED), and change Prerequisite section to read: Junior standing. Either semester.

First column, bottom, change course title 320 TECHNIQUES AND METHODS OF COACHING WRESTLING to 320 TECHNIQUES AND METHODS OF COACHING WRESTLING (COED), and change Prerequisite section to read: Junior standing. Either semester.

Second column, top, change course title 323 TECHNIQUES AND METHODS OF COACHING BASKETBALL to 323 TECHNIQUES AND METHODS OF COACHING BASKETBALL (COED), and change Prerequisite section to read: Junior standing. Either semester.

Second column, top, change course title 324 TECHNIQUES AND METHODS OF COACHING BASEBALL to 324 TECHNIQUES AND METHODS OF COACHING BASEBALL (COED), and change Prerequisite section to read: Junior standing. Either semester.

Second column, top, change course title 327 TECHNIQUES AND METHODS OF COACHING TRACK AND FIELD to 327 TECHNIQUES AND METHODS OF COACHING TRACK AND FIELD (COED), and change Prerequisite section to read: Junior standing. Either semester.

Second column, top, change course title TECHNIQUES AND METHODS OF COACHING WOMEN'S GYMNASTICS to 336 TECHNIQUES AND METHODS OF COACHING WOMEN'S GYMNASTICS (COED), and change the Prerequisite section to read: PE 253 or PE 208 and Junior standing. Either semester.

Second column, top, under 341 DANCE TECHNIQUES (COED), change the Prerequisite section to read: PE 184 or experience and Junior standing.

Second column, middle, change course title 359 KINDERGARTEN AND SPECIAL EDUCATION PHYSICAL EDUCATION METHODS (COED) to read: 359 PERCEPTUAL MOTOR PROGRAMS FOR KINDERGARTEN AND SPECIAL EDUCATION TEACHERS (COED), and, in the accompanying description, change the words beginning "...on the physical needs of children..."and continuing on to the end to read:

"...on the perceptual motor development of children; theory, diagnosis, program planning, methods and materials. Prerequisite: PE 361 and Junior standing. Fall semester."

Second column, middle, under 361 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS (COED), change the words "...with emphasis on the physical skills of children..." to read "...with emphasis on the movement needs of children...", and change the Prerequisite section to read: Junior standing. Either semester.

Second column, middle, under 401 PSYCHOLOGY OF ACTIVITY (COED), change the Prerequisite section to read:

P101, PE 310 and Junior standing. Either semester.
Second column, middle, under 402 ATHLETIC TRAINING AND SPORTS MEDICINE (COED), change the Prerequisite section to read:

PE 228, PE 310, and Junior standing. Either semester.

Second column, bottom, under 430 ORGANIZATION AND ADMINISTRATION OF INTERSCHOLASTIC ATHLETICS (COED), eliminate the words "...professional relationship," and change the Prerequisite section to read: PE 304, 2 credits in Coaching Methods, and Junior standing. Either semester.

Second column, bottom, under 451 ADAPTIVE AND CORRECTIVE PHYSICAL EDUCATION (COED), change the Prerequisite section to read: PE 230 and Junior standing. Either semester.

Second column, bottom, under 457 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION (COED), change the Prerequisite section to read: PE 304 and Junior standing. Either semester.

Second column, bottom, change course title 471 TECHNIQUES AND METHODS FOR COACHING WOMEN'S VOLLEYBALL AND FIELD SPORTS to 471 TECHNIQUES AND METHODS FOR COACHING WOMEN'S VOLLEYBALL AND FIELD SPORTS (COED), and change the words "...women...volleyball, track and field, and softball. Prerequisite: Secondary School Physical Education Methods...." to read: "...the student...volleyball and softball. Prerequisite PE 304 and Junior standing."

Second column, bottom, change course title 493 INTERNSHIP IN PHYSICAL EDUCATION to read: 493 INTERNSHIP IN PHYSICAL EDUCATION (COED), and insert the words "(Students in the Athletic Trainer Option will take PE 293, 3 credits and PE 493, 3 credits)" between "...in some options." and "Prerequisite:....". Change the Prerequisite section to read: PE 230, one Coaching Methods class and Junior or Senior standing.

Page 100
Second column, under SECONDARY OPTION, change the g. p. a. requirement in c. to 2.50 and in d. to 2.5.

Page 101
Second column, bottom, under SENIOR YEAR, insert TE 291 Education and Psychological Implications for the Exceptional Child in the School.................. 3, and eliminate TE 392 Education Exceptional Child............... 3.

First column, bottom, under 4. 400 LEVEL, change d. TE 392 Education of the Exceptional Child to read: TE 291 Educ. and Psych. Implications for Exceptional Child in the School..................3.

Page 104
Second column, middle, under B. ELECTIVE COURSES, insert TE 291 (title above) (credits above) in sequence and eliminate items 4. TE-391 and 5. TE-392.
First column, middle, under A. LEARNING DISABILITIES, eliminate items a. and b. and replace with: a. TE-291 Education and Psychological Implications for the Exceptional Child in School - 3 credits. Change items c., d., and e. to items b., c., and d. respectively.

First column, bottom, under B. MENTAL RETARDATION, eliminate items a. and b. and replace with: a. TE-291 Education and Psychological Implications for the Exceptional Child in School - 3 credits. Change items c., d., and e. to items b., c., and d. respectively.

Page 106

Second column, top, under SOPHOMORE YEAR, eliminate PE 255. Under JUNIOR YEAR, add PE 309 Evaluation in Physical Education

Page 111

First column, top, eliminate 210 HUMAN GROWTH AND DEVELOPMENT and its accompanying description.

First column, middle, below 305 STATISTICAL METHODS and its accompanying description, add the following:

307 PEER COUNSELING: THE HELPING RELATIONSHIP (3 credits). This course will explore relevant dimensions of the helping relationship, especially the role of the helper. Emphasis will be on developing effective communications and fundamental counseling skills through required student participation in role-playing, audio- and especially videotaping and group activities. The helpers' relating to self and others with practical application will be discussed. This class will be advantageous for dormitory resident assistants and students in future competition for these staff positions, teacher education students, community mental health paraprofessionals, teachers, nurses and other professionals. Prerequisite: Psychology 101. Pass-fail. Limited enrollment. Fall semester.

Second column, bottom, below 271 TEACHER AIDE PRACTICUM and its accompanying description, add the following:

291 EDUCATIONAL AND PSYCHOLOGICAL IMPLICATIONS FOR THE EXCEPTIONAL CHILD IN SCHOOL (3 credits). The course will provide insight into the various categories of exceptionality, the characteristics of the child, his educational program needs and psychological implications for the child. It will pursue through reading and class presentations the various approaches utilized in meeting the program needs of these students. Prerequisites: P-101 General Psychology and TE-171 Early School Experience. Each semester.

Second column, bottom, under 371 GUIDANCE FOR THE CLASSROOM TEACHER, change title and description to read:

371 TECHNIQUES IN STUDENT MOTIVATION AND CLASSROOM MANAGEMENT (3 credits). An overview of behavior perceived as inappropriate to the effectiveness of the regular and special
classroom, the possible causes of such behavior, and the alternatives of attending to such behavior. The course is also related to techniques for motivating the child toward appropriate goals. Skills related to parent consultation and parent conferences will also be introduced.

Page 112
First column, top, eliminate 391 PSYCHOLOGY OF THE EXCEPTIONAL CHILD and its accompanying description.

First column, top, eliminate 392 EDUCATION OF THE EXCEPTIONAL CHILD and its accompanying description.

Second column, middle, eliminate 491 SPECIAL EDUCATION TECHNIQUES-PRACTICUM and its accompanying description.

Page 114
First column, top, under TE-515 DEVELOPMENT OF SKILLS FOR TEACHING PUPILS WITH LEARNING DIFFICULTIES, add the words "Prerequisite: TE-430 or TE-431." between "...of this course." and "Fall semester."

First column, middle, under TE-517 DEVELOPMENT OF SKILLS FOR TEACHING THE MENTALLY RETARDED, insert the words "Prerequisite: TE-420 or TE-421" between "...will be studied." and "Spring semester."

First column, middle, change course title P-501 COUNSELING AND GUIDANCE IN THE ELEMENTARY CLASSROOM and its accompanying description to read:

P-501 COUNSELING AND CONSULTING IN THE ELEMENTARY AND SPECIAL CLASSROOM (3 credits). An intensive study of classroom behavior with special attention to causes and purposes of the various behaviors. The course includes the practicing of processes considered effective in bringing about change in inappropriate behaviors. Classroom counseling and consultative processes fundamental in serving the several areas of the exceptional child are also practiced. Emphasis is on the psychological processes important to the child's development and consulting with others who need to understand the child. Prerequisite: P-101 General Psychology. Each semester and summer.

Page 53
Second column, middle, change course title 596 INDEPENDENT STUDY AND RESEARCH to read:

596 DIRECTED RESEARCH

Page 144
Second column, top, eliminate FT-131 APPLIED MATHEMATICS.
Page 144, continued
Second column, bottom, eliminate 131APPLIED MATHEMATICS and its accompanying description.

Page 145
First column, top, add the following:

170 SERVICE, WAITRESS/WAITER (10 credits). The theory and practice of correct dining systems and procedures. 8 week program.

171 CASHIER/HOSTESS (6 credits). The theory and practice of public relations and dining room control. Prerequisite: FT 170. 8 week program.
MEMORANDUM

TO:  S. Holz, Registrar
     J. Bugge, Asst. Registrar
     S. Cook, Graduation Clerk
     K. Tipton, Evaluator

FROM: Charlotte Gale, Director, Baccalaureate Program in Nursing

DATE: August 17, 1977

SUBJECT: Courses in revised Baccalaureate Nursing Program

Since the BSU Bulletin had to be printed before the final approvals were obtained for the revised nursing curriculum, the total curriculum does not appear in the Bulletin. This memorandum contains the revised curriculum which is in effect for students who entered the program the fall of 1976 and will be graduating from December 1977 on.

A total of 32 credits in upper-division nursing is required, 16 of these credits in core courses taken by all students and 16 in an elective option (Acute Care Nursing, Family Nurse Practice, or Leadership). There are also 15 credits of required support courses for all students, while those in Acute Care and FNP options, have one additional required support course in the option.

Core Curriculum in Nursing
(To be taken by all students)

<table>
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<th>Credits</th>
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<tbody>
<tr>
<td>2</td>
<td>N306</td>
<td>Professional Interactions</td>
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<tr>
<td>1</td>
<td>N307</td>
<td>Practicum: Professional Interactions</td>
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<tr>
<td>2</td>
<td>N310</td>
<td>Community Health Nursing</td>
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<td>2</td>
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<td>Practicum: Community Health Nursing</td>
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<tr>
<td>1</td>
<td>N316</td>
<td>Health Assessment</td>
</tr>
<tr>
<td>2</td>
<td>N317</td>
<td>Practicum: Health Assessment</td>
</tr>
<tr>
<td>1</td>
<td>N324</td>
<td>Critical Care Nursing</td>
</tr>
<tr>
<td>2</td>
<td>N325</td>
<td>Practicum: Critical Care Nursing</td>
</tr>
<tr>
<td>3</td>
<td>N490</td>
<td>Overview of Nursing Research</td>
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</table>

TOTAL 16

Equal Opportunity Employer
Required Support Courses
(To be taken by all students)

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<tr>
<td>3</td>
<td>H210</td>
<td>Principles of Pharmacology</td>
</tr>
<tr>
<td>4</td>
<td>H300</td>
<td>Pathophysiology</td>
</tr>
<tr>
<td>3</td>
<td>H302</td>
<td>Health Care Delivery Systems</td>
</tr>
<tr>
<td>3</td>
<td>MG301</td>
<td>Principles of Management</td>
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<td>2</td>
<td>H305</td>
<td>Role Sensitization</td>
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TOTAL 15

Required Courses in Nursing Options

Acute Care Nursing Option:

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<tr>
<td>2</td>
<td>N422</td>
<td>Nursing in Intensive Care Situations</td>
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<tr>
<td>2</td>
<td>N423</td>
<td>Practicum: Nursing in Intensive Care</td>
</tr>
<tr>
<td>2</td>
<td>N424</td>
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<td>N425</td>
<td>Practicum: Cardiovascular Nursing</td>
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<td>2</td>
<td>N426</td>
<td>Nursing in Emergency/trauma Situations</td>
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<td>2</td>
<td>N427</td>
<td>Practicum: Nursing in Emergency/trauma Sit.</td>
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<tr>
<td>2</td>
<td>N428</td>
<td>Nursing in High Risk Perinatal Situations</td>
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<tr>
<td>2</td>
<td>N429</td>
<td>Practicum: High Risk Perinatal Nursing</td>
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TOTAL 16

Family Nurse Practice Option:

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<td>N462</td>
<td>Women's &amp; Children's Health Care</td>
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<td>2</td>
<td>N463</td>
<td>Practicum: Women's &amp; Children's Hlth. Care</td>
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<tr>
<td>2</td>
<td>N464</td>
<td>Family Nurse Practice in Emergency/trauma Situations</td>
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<tr>
<td>2</td>
<td>N465</td>
<td>Practicum: FNP in Emergency/trauma Situations</td>
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<td>N466</td>
<td>Adult Health Care</td>
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<td>N467</td>
<td>Practicum: Adult Health Care</td>
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<td></td>
<td>N469</td>
<td>Practicum: Family Nurse Practice</td>
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TOTAL 19

Leadership Option:

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<td>1</td>
<td>N440</td>
<td>Leadership in Clinical Nursing I</td>
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<td>2</td>
<td>N441</td>
<td>Practicum: Leadership in Cl. Nursing I</td>
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<td>N442</td>
<td>Leadership in Clinical Nursing II</td>
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<td>N443</td>
<td>Practicum: Leadership in Cl. Nursing II</td>
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<tr>
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<td>N444</td>
<td>Leadership in Clinical Nursing III</td>
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<td>Practicum: Leadership in Cl. Nursing III</td>
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<tr>
<td>3</td>
<td>N446</td>
<td>Nursing and the Political System</td>
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<tr>
<td>4</td>
<td>N447</td>
<td>Practicum: Leadership in Nursing Practice</td>
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TOTAL 19

Medical Economics and Finance
BOISE STATE UNIVERSITY FOUNDATION

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