Directory Information

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Registrar
Leland Mercy, Jr. ........................................ 1532

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 con-
sidered as binding contracts between Boise State University and stu-
dents. 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 par-
ticular, when an instructional program is to be withdrawn, the univer-
sity 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 require-
ments, will have the opportunity to complete the program which is to
be withdrawn.

PHOTOGRAPHY: Chuck Scheer, Bob C. Hall, Kim Rogers, Larry Burke.
COVER DESIGN: Barbara Moll.
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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Boise State University Administration

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SUMMER SESSION 1976

June 5, Saturday, 9:00 am-1:00 pm .................................................. Registration in Gymnasium
June 7, Monday ................................................................. Graduate 8 Week Session Until July 30
June 7, Monday ................................................................. First 5 Week Session Until July 9
June 12, Saturday 8:30 a.m.-12:00 noon (L247) .... Graduate Record Examination*
June 18, Friday ............................................................... Last Day to File Application for Summer Graduation Diplomas
July 10, Saturday 9:00 am-1:00 pm .................................................. Registration in Gymnasium
July 10, Saturday 8:30 am-12:00 noon (L247) .Graduate Management Admission Test (GMAT)*
July 12, Monday ................................................................. Second 5 Week Session Until August 13

FALL SEMESTER 1976

August 13, Friday ............................................................... Last day for submitting application for Fall Semester to be assured of a registration packet at Priority Registration (Aug. 25-27); ...Students submitting applications after this date will be required to register at Open Registration in the Gym Saturday, August 28, 9:00 am-12:00 noon, or at Late Registration in the Administration Building beginning Tuesday, August 31, at 9:00 am
August 23, Monday ................................................ Department Chairman meeting (by school); ...Faculty orientation; ...All Faculty on duty
August 24, 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 206 (4:00 pm)
August 25, Wednesday ................................................ Registration by schedule in Gym for physically handicapped, graduate students and seniors (8:00 am-3:00 pm); ...New student orientation and group counseling in SUB (8:00-10:00 am); ...Pre-registration counseling in advisors' offices for freshmen and new students (10:30 am-4:30 pm)
August 26, Thursday ........................................................ Registration by schedule in Gym for juniors and sophomores (8:00 am-3:00 pm); ...Pre-registration counseling in advisors' pool, Liberal Arts Bldg. (8:00 am-2:30 pm)
August 27, Friday ............................................................. Registration by schedule in Gym for freshmen (8:00 am-3:00 pm); ...Pre-registration counseling in advisors' pool in Liberal Arts Bldg. (8:00 am-2:30 pm)
August 27, Friday ............................................................. Evening Registration for students registering ONLY in Extended Day, Weekend University, and Graduate Program courses (7:00-9:00 pm)
August 28, Saturday ................................................ Open Registration - All Students (8:00 am-12:00 noon)
August 30, 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 31-Sept. 3, Tuesday ........................................ Late Registration continues in the Administration Bldg. (9:00 am-4:00 pm and 6:30-9:00 pm)
through Friday

September 3, Friday ................................................... Friday Evening classes begin
September 4, Saturday ................................................ Registration for Weekend University Program classes (Friday evening, Saturday, and Sunday classes ONLY) in Administration Bldg., Room 104 (8:30-10:30 am); ...Saturday classes begin
September 5, Sunday ........................................................ Sunday classes begin
September 6, Monday ........................................................ Labor Day (Holiday)
September 10, 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 (9:00 pm close)
October 8, 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 16, Saturday ................................................ Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*
October 29, Friday ........................................................ Mid-semester report issued; ...Notification of incompletes from previous semester; ...Last day to file application with department for final Masters written examination
November 12, Friday ........................................................ Last day for withdrawal without penalty for failing work
November 13, Saturday ................................................ Final written examination for Masters Degree
November 19, Saturday ................................................ Last day to submit final copy of Masters thesis and project with department
November 25-28, Thursday ............................................... Thanksgiving Day (Holiday)
through Sunday
November 27, Saturday ................................................ Last day for final oral examinations in defense of thesis and applied project for Masters Degree
November 29, Monday ................................................ Classes resume; ...Last day to add to, withdraw from classes or change status from credit to audit; ...Last day to register by petition
December 11, Saturday ................................................ Graduate Record Examination (GRE) at College of Idaho*
December 16, Thursday ................................................ Classroom instruction ends
December 17-21, Friday ................................................... Semester examinations

Saturday, Monday, Tuesday (10:00 pm)
December 21, Tuesday ................................................ Fall Semester ends (10:00 pm); ...Residence halls close (11:00 pm)

*Registration card and payment for these tests should be mailed to ETS at least four weeks before test date.
**SPRING SEMESTER 1977**

December 30, Thursday  
Last day for submitting application for Spring Semester to be assured of a registration packet at
Priority Registration (Jan. 12-14). ...Students submitting applications after this date will be re-
quired to register at Open Registration in the Gym Saturday, January 15, 9:00 am-12:00 noon, or
at Late Registration in the Administration Bldg. beginning Tuesday, January 18, at 9:00 am

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

January 10, Monday  
Department Chairmen meeting (by school); ...Faculty orientation; ...All faculty on duty

January 11, Tuesday  
Late ACT Test ($14.00 fee) in Liberal Arts Bldg., Room 106 (9:00 am); ...Pre-registration coun-
seling 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 12, Wednesday  
Registration by schedule in Gym for physically handicapped, graduate students and seniors (8:00
am-3:00 pm); ...New student orientation and group counseling in Liberal Arts Bldg., Room 106
(8:00-10:00 am); ...Pre-registration counseling in advisors' offices for freshmen and new stu-
dents (10:30 am-4:30 pm)

January 13, Thursday  
Registration by schedule in Gym for juniors and sophomores (8:00 am-3:00 pm); ...Pre-registra-
tion counseling in advisors' pool, Liberal Arts Bldg. (8:00 am-2:30 pm)

January 14, Friday  
Registration by schedule in Gym for freshmen (8:00 am-3:00 pm); ...Pre-registration counseling
in advisors' pool in Liberal Arts Bldg. (8:00 am-2:30 pm)

January 15, Saturday  
Evening Registration for students registering ONLY in Extended Day, Weekend University, and/
or Graduate Program courses (7:00-9:00 pm)

January 17, Monday  
Registration for All students (9:00 am-12:00 noon)

January 18-28, Tuesday  
Late registration continues in Administration Bldg. (9:00 am-4:00 pm and 6:30-9:00 pm)

January 21, Friday  
Friday Evening classes begin

January 22, Saturday  
Registration for Weekend University Program classes (Friday evening, Saturday, and Sunday
classes ONLY) in Administration Bldg., Room 104 (8:30-10:30 am); ...Saturday classes begin;
...Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*

January 23, Sunday  
Sunday classes begin

January 28, 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 29, Saturday  
Graduate Record Examination (GRE) in Library Bldg., Room 247 (8:30 am-12:00 noon)*

February 18, Friday  
Last day to file application with department for admission to candidacy and graduation for Mas-
ters Degree; ...Last day to file application with Registrar for graduation for Baccalaureate and
two-year or less degrees, diplomas, and certificates

February 26, Saturday  
Graduate Record Examination (GRE) at College of Idaho*

March 11, Friday  
Mid-quarter report issued; ...Notification of incompletes from previous semester; ...Last day
to file application with department for final Masters written examination

March 14-20, Monday  
Spring Vacation

March 21, Monday  
Classes resume

March 25, Friday  
Last day for withdrawal without penalty for failing work

March 26, Saturday  
Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am-12:00
noon)*

April 9, Saturday  
Final written examination for Masters Degree

April 16, Saturday  
Last day to submit final copies of Masters theses and projects with department

April 21, Thursday  
Last day for final oral examinations in defense of thesis and applied project for Masters Degree;
...Last day to add, withdraw from classes or change status from credit to audit; ...Last day to
register by petition

April 30, Saturday  
Graduate Record Examination (GRE) at College of Idaho*

May 6, Friday  
Classroom instruction ends

May 9-12 Monday through Thursday  
Semester examinations

May 12, Thursday  
Spring Semester ends (5:00 pm); ...Residence halls close (6:00 pm)

May 15, Sunday  
Commencement

**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 11, Monday  
Second 5 Week Session Until August 12

*Registration card and payment for these tests should be mailed to ETS at least four weeks before 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 and evening program which provides educational opportunity for full-time students who need to schedule classes at that time and for part-time students who are pursuing a degree while they are employed. The 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 reeducate 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 citizenry, 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 its public, and the prime recognition is that both teaching and learning are best accomplished when a variety of techniques and skills are aptly employed.

ACCREDITATION AND AFFILIATION

Boise State 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:

- The School of Education has been accredited by the National Council for Accreditation of Teacher Education and by the National Association of State Directors of Teacher Education and Certification.
- Dental Assistant Program by the Council of Dental Education and the American Dental Assistant Association.
- Medical Record Technician Program by the Department of Allied Health of the American Medical Association.
- Registered Nursing Program by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools and the National League for Nursing.
- Respiratory Therapy Program by the Department of Allied Health of the American Medical Association.
- Department of Music is a member of the National Association of Schools of Music.
- Social Work Program by the Council on Social Work Education.

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 Requirements To The University

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.

Undergraduate (have not earned B.A. or higher degree)
1. 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
      3. An official high school transcript showing date of graduation or a GED certificate showing acceptable test scores
      4. ACT test scores
      5. A completed DASH Health Questionnaire
   B. If TRANSFER STUDENT (prior enrollment at one or more post-high school institutions): **
      1. A completed application
      2. A $10 matriculation fee
      3. Evidence of high school graduation or a GED certificate showing acceptable test scores
GENERAL INFORMATION

Admissions

Graduate (have earned B.A. or higher degree)

I. Graduate students wishing to enter B.S.U. on a full-time basis (8 or more semester hours) or wishing to be admitted to the GRADUATE SCHOOL at B.S.U. with PROGRAM STATUS (Regular, Provisional or Unclassified) 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
4. A completed DASH Health Questionnaire (NOT required of part-time students)

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. Passing GMAT scores are also required for the School of Business.

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

1. Only a completed application.

Graduate students 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 delay in registration.

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

Certificate of Admission—Applicants for admission whose credentials have been accepted will be given permission to register 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.

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.

VOCATIONAL-TECHNICAL STUDENTS

Any person who is interested in becoming a skilled craftsman or technician will be admitted to these courses if he complies with all admission requirements and meets the qualifications for the designated program. Graduation from high school is not necessary provided the student has been out of high school at least one complete semester. Certain prerequisite courses are required for various programs, such as one year of high school algebra and one year of high school geometry for entrance to the Drafting or Electronics Technology programs. The 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 provid-
GENERAL INFORMATION
Admissions

ed his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extracurricular activities must meet regular entrance requirements. (See eligibility requirements.) Credits in Vocational or Technical programs are not normally transferable toward an academic degree.

TRANSFER STUDENTS

A transfer student, whether resident or non-resident, must have a minimum GPA of 2.00 or above on all prior collegiate work completed or have cleared the probationary provision outlined under 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 met.

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 130 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 and Records. 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 been written permission of the Chairman of the Department in which the course is offered and concurrency 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 matter 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 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 vi). If a change is made, the student must pay any difference in a course cost and an additional $3.00 change-in-status fee. All changes must be initiated by the student. A student may change from credit to audit 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 appeal by the student. Appeal affidavits can be acquired in the Admission’s Office, Section 33-3717. Idaho Code, specifies that a resident student shall be:

(a) Any student under the (legal voting age) whose parents or court-appointed guardian is domiciled in the state of Idaho.
(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 orders.
(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 June 9, 1970, adopts the following uniform and standard rules and regulations applicable to all state colleges and universities now or hereafter established to determine residence status of any student and to establish procedures for review of that status, To Wit:

1. A student is deemed to be “attending” an institution of higher education when he is paying regular fees required of a full-time student at the institution concerned. (See (b) above)
2. The State Board of Education and Board of Regents of the University of Idaho shall deny resident status to any student who is not a citizen of the United States, unless he complies with the definition of a permanent resident established by the United States Immigration and Naturalization Service. A foreign student whose sole purpose for being in the state of Idaho is attendance at a higher education institution, shall not be classified as a resident student.
3. Any student classified as a resident for purposes of higher education by one institution shall be so classified by all other institutions in the State under the jurisdiction of the State Board of Education and Board of Regents for the University of Idaho.

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

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.
GENERAL INFORMATION

TUITION AND FEESCHEDULE

Eight or more hours made up of any combination of credit, audit, equivalent, and/or retake hours will be considered a full schedule for purposes of calculating charges. All fees, tuition and other charges are subject to change at any time by the State Board of Education acting as the Board of Trustees for Boise State University.

<table>
<thead>
<tr>
<th>Full Time</th>
<th>Idaho Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (per semester)</td>
<td>$0</td>
<td>$520.00</td>
</tr>
<tr>
<td>Institutional Fees</td>
<td>$481-00</td>
<td>$641-00</td>
</tr>
<tr>
<td>TOTAL TUITION &amp; FEES</td>
<td>$481-00</td>
<td>$641-00</td>
</tr>
</tbody>
</table>

*Includes 3% Idaho Sales Tax

OTHER FEES

<table>
<thead>
<tr>
<th>Part-time</th>
<th>$20.00 per semester hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>20.00 per semester hour</td>
</tr>
<tr>
<td>Audit</td>
<td>15.00 per semester hour</td>
</tr>
</tbody>
</table>

Application Processing Fee: (Non-Refundable) 10.00

Testing Fee:

Students who have not taken the ACT tests on a regular national testing date will take the test during registration week. There will be no charge to those who have already taken the test 13.00

Music, Performance:

All private music lessons: 2 credits 55.00
4 credits 110.00

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 enrollment 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:

<table>
<thead>
<tr>
<th>Full-time</th>
<th>-12 or more undergraduate semester hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 time</td>
<td>-9-11 undergraduate semester hours</td>
</tr>
<tr>
<td>1/2 time</td>
<td>-6-8 undergraduate semester hours</td>
</tr>
<tr>
<td>Less than 1/2 time</td>
<td>-5 or less undergraduate semester hours</td>
</tr>
</tbody>
</table>

Graduate:

<table>
<thead>
<tr>
<th>Full-time</th>
<th>-9 or more graduate semester hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 time</td>
<td>-6-8 graduate semester hours</td>
</tr>
<tr>
<td>1/2 time</td>
<td>-4-5 graduate semester hours</td>
</tr>
<tr>
<td>Less than 1/2 time</td>
<td>-3 or less graduate semester hours</td>
</tr>
</tbody>
</table>

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: $1204 B: $1485 C: $1142
Single: A: 1384 B: 1369 C: 1222

Towers:

Double: A: 1210 B: 1195 C: 1148

Chaffee:

Double: A: 1220 B: 1205 C: 1158
Single: A: 1382 B: 1368 C: 1320

Married Student Housing

University Courts: Small one: $85 two: $130
Large one: $115 three: $150
University Manor:

University Heights: one: $130.00 Two: $155.00

Room and board prices are subject to change without notice. Above prices include phone charges and state sales tax.

FLIGHT LABORATORY FEES

AV-121 400.00
AV-122 573.00
AV-287 521.10

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

This policy also pertains to part-time students, including special evening classes. No special consideration is to be given to late registrants in extending the refund policy. 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.

DELIQUENT ACCOUNTS

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

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 Dean of Admissions, and the class cards put back in the files for other distribution. If financial assistance is required, the following possibilities are suggested:


Once a packet has been returned to the Dean of Admissions 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.
Academic Information

LIBRARY—LEARNING CENTER—

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 Honors Program, faculty offices, and classrooms.

Seating is provided for about 1400 readers at large tables, individual study carrels, and lounge areas scattered throughout the open stack areas. Small study rooms and typing rooms are available for group or individual use on each floor. Book stacks provide space for about 350,000 volumes with the present collection numbering over 200,000 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 60 newspapers, including Idaho, national and foreign newspapers. The Library is a partial depositary for U.S. government publications, Idaho state documents, and Rand Corp. Publications.
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 their first semester. An Honors student may drop out of the program at any time within the existing university rules, and the Honors courses he 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

Flexibility is an indispensable feature of the Honors Program. This is true of the Honors courses as well as of the individual Honors student’s program. Accordingly, the precise description and content of a specific course may vary from semester to semester. Current descriptions of Honors courses and Seminars are available in the regularly updated Honors Program Newsletter. The Newsletter and further information can be obtained by writing:

Honors Program Director
Boise State University
Boise, Idaho 83725

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.
## CLEP EXAM TITLE | BSU EQUIVALENT COURSE AND NUMBER (credits)
--- | ---
*English Composition* | E-101, English Composition* (3)
*Analysis and Interpretation of Literature* | E-102, English Composition* (3)
Biology | B-101 + 102. General Biology or (8)
General Chemistry | C-101 + 102. Introduction to Chemistry (8)
College Algebra-Trigonometry | M-111, Algebra and Trigonometry (5)
Calculus with Analytic Geometry | M-112, Calculus and Analytic Geometry (5)
Statistics | M-361, Fundamentals of Statistics (4)
Introduction to Accounting | AC-101 + 102. Principles of Accounting (6)
Computers and Data Processing | DP-210, Introduction to Data Processing (3)
Introductory Sociology | SO-101, Introduction to Sociology (3)
American Government | PO-101, Federal Government (3)
Introductory Macroeconomics | EC-201 Principles of Economics Macroconomics (3)
Introductory Microeconomics | EC-202 Pinc. of Econ. Microeconomics (3)
Intro. Micro. & Macroeconom. | EC-201 & 202 Macro- & Micro- (6)
Money and Banking | EC-301, Money and Banking (3)
Introductory Business Law | GB-301, Business Law (3)
Intro. to Business Management | MG-301, Principles of Management (3)
Introductory Marketing | MK-301, Principles of Marketing (3)
General Psychology | P-101, General Psychology (3)

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

### 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 score 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 areas:

### CLEP EXAM TITLE | BSU EQUIVALENT CREDIT
--- | ---
**English** | No credit granted
**Natural Science** | 4 credits in Area II
Score of 489-570 (50th - 75th) | 4 credits in Area III
Score of 571 or above | 8 credits in Area III
**Mathematics** | 4 credits in Area III
Score of 488 or above (50th) | 4 credits in Area III
**Humanities** | 3 credits in Area I
Score of 489-566 (50th - 75th) | 6 credits in Area I
Score of 567 or above | 6 credits in Area I
**Social Science - History** | 3 credits in Area II
Score of 489-568 (50th - 75th) | 6 credits in Area II
Score of 569 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 pre-major 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 part test) ........ $20 for one part
$30 for 2 parts, $40 for all 5 parts

Subject Examinations ...................... $20 each

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.

### Independent Study

The availability of independent study opportunities for graduate students, all upper-division students, and Honors Program lower-division students represents one of several unique curricular choices at Boise State 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.
Academic Information

Outreach

Internship

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

Outreach

Services and Programs

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 — Tours of facilities, equipment demonstrations, and inservice lectures relative to data processing are available upon request.

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

Speaker's Bureau — As a service to the region and state, Boise State 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 385-1198 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

Extended Day 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 — Offers 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 continuing 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.

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 OFFICES

Extended Day/On-Campus Programs — For more information about these programs on the BSU campus or about programs to be held on-campus, contact the Extended Day, Weekend University, and Summer Sessions office, Boise State University, 1910 College Blvd., Boise, ID 83725. phone 385-1209.

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, Boise State University, 1910 College Blvd., Boise, ID 83725, phone 385-3293.

CONTINUOUS REPORT OF ACTIVITIES

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

ACADEMIC INFORMATION

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 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 and Records 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:

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".

W - Withdrawal—No quality points.

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".

13
ACADEMIC INFORMATION

Regulations

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.

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.

S - Satisfactory—No quality points.
U - Unsatisfactory—No quality points.
AUD - Audit—No quality points.
NR - No record.
NG - Non-gradable.

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 or not, will be reclassified. 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.

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 the 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 the 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 signature, and then cleared with the Business Office. The date on which the Registrar signs the change card will be the official withdrawal date.

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

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

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

1. If the student registers for the course but never attends
2. If the student registers for the course, attends briefly, and then neglects to withdraw from the course
3. If the student registers for the course on an audit basis but never attends, or attends for only a brief period.
In cases of a faculty initiated withdrawal the instructor will notify the office of the Vice-President for Student Affairs of the impending action. The Vice-President will then notify the student. If no further effort is made by the student within two weeks after the notification, the instructor may then initiate the withdrawal.

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

G. COURSE PREREQUISITE WAIVER
Specific course prerequisites may be waived upon written approval of the Dean of the School in whose area the course is offered. A student seeking to have prerequisites waived must justify his request on the basis of background, education, and experience to the satisfaction of the Dean of the School.

H. CREDIT FOR PREREQUISITES NOT TAKEN
Students who have a sufficiently high GPA or ACT score, who pass a Departmental Placement examination, or have the approval of the department chairman may take designated courses without taking the listed prerequisite.

Students who receive a grade of "C" or better for a course in which they have not taken the prerequisite course(s) will be given credit with a grade of "S" for that course(s) when the following conditions are fulfilled:

1. The student may make application for this credit only after the final grade for the advanced course is officially recorded.
2. The student, in consultation with his advisor, must initiate the application, using the appropriate form and following the proper procedure.
3. Department chairmen and deans will determine for which course(s) this credit is appropriate.
4. In some cases, as determined and required by department chairmen and deans, an examination covering the content of the prerequisite course(s) must be passed by the student before the credit with a grade of "S" is awarded.

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

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 V.A. requires veterans who request G.I. 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 Dependence 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 applying for Advanced Payment must do so 40 days in advance of registration. The Advanced Payment is sent to the University and is distributed by the Registrar's Office personnel.

Veterans (Chapters 34) and Eligible Persons (Chapter 35) who plan to attend on the G.I. 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 are furnished to the V.A. Regional Office, the veteran, and Boise State University. Only those courses that are applicable for the degree objective will be considered in determining V.A. educational payments.

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

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

1. 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:
   - 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.

For information concerning the G.I. Bill contact the Veterans Certification Office in A-108, (208) 385-1505.

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 17-19 of this bulletin

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</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Area II Requirements</td>
</tr>
<tr>
<td>Area III Requirements</td>
</tr>
<tr>
<td>Elective in School of Business</td>
</tr>
</tbody>
</table>

Each area consists of courses from the following fields:

<table>
<thead>
<tr>
<th>AREA I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Humanities</td>
</tr>
<tr>
<td>Music</td>
</tr>
<tr>
<td>Theatre Arts</td>
</tr>
<tr>
<td>Foreign Language (102 or higher of one language)</td>
</tr>
</tbody>
</table>

15
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 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 requirements.

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.

c. Students scoring in the 60th percentile or above on the ACT national norms are exempt from E 102.

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 ........................................... 128

Must include:

1. English Composition ........................................ 3-6

2. Upper Division credit hours ............................. 40

B. Grade Point Average for all courses taken .............. 2.0

II. Other College Requirements

A. Minimum requirements for one of the degrees offered.

B. Specific requirements for a departmental major.

1. A student must have a minimum cumulative 2.00 G.P.A. in all courses required by his major.

2. A student will not be allowed credit toward his major department requirements for any grade of "D" in upper division courses in his major department.

C. A minimum of 15 credit hours of electives outside of the major field.

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 college as approved by the dean of the school in which the additional degree is to be granted or sought.

VI. Requirements for Double Major

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

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
      - Fundamentals 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
- Humanities
- Theatre Arts
- Art
- Music
- Philosophy
- Literature
- Foreign Language (102 or higher of one language)

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

Area III
- Biological Sciences
- Mathematics
- Physical Sciences

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 .......................... 3-6
   1. English Composition .................................. 3-6

B. Area I Requirements ...................................... 9
   1. Literature .............................................. 3
   2. Other courses ........................................ 3
      No fewer than 3 credits selected from:
      Introduction to Music
      Introduction to Theatre
      Introduction to Humanities
      Introduction to Philosophy or Ethics

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

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

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

F. A major in Art.

**BACHELOR OF MUSIC DEGREE**

Minimum Requirements (Credits)

<table>
<thead>
<tr>
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</tr>
<tr>
<td>Humanities HU</td>
<td></td>
</tr>
<tr>
<td>Literature **</td>
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<tr>
<td>Music History **</td>
<td></td>
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<tr>
<td>Philsophy PY</td>
<td></td>
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<tr>
<td>Theatre Arts TA</td>
<td></td>
</tr>
<tr>
<td>C. Area II Requirements</td>
<td>9</td>
</tr>
<tr>
<td>1. History</td>
<td>3</td>
</tr>
<tr>
<td>2. Three credits in a second field</td>
<td>3</td>
</tr>
<tr>
<td>3. Three credits in any Area II field</td>
<td>3</td>
</tr>
<tr>
<td>Area II is composed of the following fields:</td>
<td></td>
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<tr>
<td>Anthropology AN</td>
<td></td>
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<tr>
<td>Communication CM</td>
<td></td>
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<tr>
<td>Economics EC</td>
<td></td>
</tr>
<tr>
<td>Geography GG</td>
<td></td>
</tr>
<tr>
<td>D. Foreign Language and Area III Requirements</td>
<td>8</td>
</tr>
<tr>
<td>1. Foreign Language</td>
<td>8</td>
</tr>
<tr>
<td>2. Music Education Majors:</td>
<td></td>
</tr>
<tr>
<td>a. A year's sequence of a foreign language</td>
<td>8</td>
</tr>
<tr>
<td>b. A year's sequence chosen from:</td>
<td></td>
</tr>
<tr>
<td>Biological Sciences</td>
<td></td>
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<tr>
<td>Mathematics</td>
<td></td>
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<tr>
<td>Physical Sciences **</td>
<td></td>
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<tr>
<td>or c. Any two of the following courses:</td>
<td></td>
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<tr>
<td>Concepts of Biology</td>
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<tr>
<td>Concepts of Chemistry</td>
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<tr>
<td>Fundamentals of Geology</td>
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<tr>
<td>Cultural Approach to Math</td>
<td></td>
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<tr>
<td>Foundations of Physical Science</td>
<td></td>
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<tr>
<td>Introduction to Descriptive Astronomy</td>
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</tbody>
</table>

* Determined by student score on ACT exam. See page 16.
** Literature — Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.
*** A maximum of three credits of Music History will be allowed to count in Area I.
ACADEMIC INFORMATION
Programs, degrees

**BACCALAUREATE 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
- Criminal Justice Administration
- Earth Science Education
- Economics
- Economics, Social Science Secondary Education Option
- Elementary Education
- English
- English, Secondary Education Option
- Environmental Health
- Finance
- General Business
- Geology
- Health Science Studies
- History
- History, Secondary Education Option
- History, Social Science Secondary Education Option
- Information Sciences
- Industrial Business
- 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
- Political Science, Social Science Secondary Education Option
- Pre-Dental Studies
- Pre-Medical Studies
- Psychology
- Real Estate
- Social Science
- Social Work
- Sociology
- Sociology, Social Science Secondary Education Option
- 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. Present-day law students have undergraduate degrees in political science, English, business, natural science, history, linguistics, communications and a host of other disciplines.

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

**ADVANCED DEGREES**

- Master of Business Administration
- Master of Arts in Elementary 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

**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.

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**COURSE DESIGNATIONS**

*(see index for page references)*

**SCHOOL OF ARTS AND SCIENCES**

<table>
<thead>
<tr>
<th>Department</th>
<th>Designation</th>
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<tbody>
<tr>
<td>Department of Art</td>
<td>AR</td>
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<tr>
<td>Department of Biology</td>
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<td>Botany</td>
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<tr>
<td>Forestry</td>
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<td>Zoology</td>
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<td>Department of Chemistry</td>
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<td>Department of English</td>
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<td>Humanities</td>
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<td>French</td>
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<td>German</td>
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<td>Russian</td>
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<td>Spanish</td>
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<tr>
<td>Department of Geology</td>
<td>GS</td>
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<td>Geology</td>
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<td>Geography</td>
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<td>Geophysics</td>
<td>GP</td>
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<td>Department of Home Economics</td>
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<tr>
<td>Department of History</td>
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<td>Department of Mathematics</td>
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<tr>
<td>Department of Music</td>
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<tr>
<td>Music, Ensemble</td>
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<tr>
<td>Music, General</td>
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<tr>
<td>Department of Political Science</td>
<td>PO</td>
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<tr>
<td>Philosophy</td>
<td>PY</td>
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<tr>
<td>Department of Physics, Engineering and PS</td>
<td>EN</td>
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<tr>
<td>Engineering</td>
<td>EN</td>
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<tr>
<td>Physical Science</td>
<td>PS</td>
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<tr>
<td>Department of Social Work</td>
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<tr>
<td>Social Work</td>
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<tr>
<td>Department of Societal and Urban Studies</td>
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<tr>
<td>Anthropology</td>
<td>AN</td>
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<tr>
<td>Criminal Justice Administration</td>
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<tr>
<td>Sociology</td>
<td>SO</td>
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<tr>
<td>Department of Theatre Arts</td>
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</tbody>
</table>

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**SCHOOL OF BUSINESS**

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

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**SCHOOL OF EDUCATION**

<table>
<thead>
<tr>
<th>Department</th>
<th>Designation</th>
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<tbody>
<tr>
<td>Department of Health, Physical Education and</td>
<td>PE</td>
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<tr>
<td>Recreation</td>
<td>PE</td>
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<tr>
<td>Department of Psychology</td>
<td>P</td>
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<tr>
<td>Department of Teacher Education and</td>
<td>GE</td>
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<tr>
<td>Library Science</td>
<td>GS</td>
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<tr>
<td>Teacher Education</td>
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**SCHOOL OF HEALTH SCIENCES**

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<th>Department</th>
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<tbody>
<tr>
<td>Department of Nursing</td>
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<tr>
<td>Nursing</td>
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<tr>
<td>Department of Allied Health Studies</td>
<td>MR</td>
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<tr>
<td>Medical Records Technology</td>
<td>MR</td>
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<tr>
<td>Medical Technology</td>
<td>MT</td>
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<tr>
<td>Radiologic Technology</td>
<td>RD</td>
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<tr>
<td>Respiratory Therapy</td>
<td>RT</td>
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<tr>
<td>Department of Community and</td>
<td>EH</td>
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<tr>
<td>Environmental Health</td>
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<tr>
<td>Environmental Health</td>
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<tr>
<td>Department of Preprofessional Studies</td>
<td>H</td>
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<tr>
<td>Health Sciences</td>
<td>H</td>
</tr>
</tbody>
</table>
ACADEMIC INFORMATION

Courses

SCHOOL OF
VOCATIONAL-TECHNICAL EDUCATION

Vocational Two-Year Programs
Horticulture Service Tech .......... HO
Machine Shop .................. MS
Business Machine Technology .. BM
Welding .......................... W
Pre-Technical Non Credit Program
Pre-Technical .......................... PT
Technical Two-Year Program
Child Care .......................... CC
Drafting Technology ............... DT
Electronics .......................... ET
Food Service Technology .......... FT
Vocational One-Year Programs
Auto Body .......................... AB
Auto Mechanics ................... AM
Dental Assistant .................... DA
Heavy Duty (diesel) Mechanic .... DM
Electrical Lineman ................ EL
Office Occupations ................. OF
Operating Room Technology ....... OR
Parts Counterman .................. PC
Industrial Plant Maintenance .... PM
Practical Nursing .................. PN
Refrigeration Heating ............. RH
Small Engine Repair ............. SE
Basic Welding ..................... W

COURSE NUMBERING

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

000-099 Terminal credit and non-credit courses (including remedial, evening vocational, and adult education courses)
100-199 Freshman level courses
200-299 Sophomore level courses
300-499 Upper division level courses
500-above Graduate level courses

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

1. G courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for 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.

UNIVERSITY-WIDE COURSE NUMBERS

UNDERGRADUATE

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

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 College.
297 Special Topics (1-4 credits)

188 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.
297 Special Topics (2-4 credits) * Prerequisite advanced standing and consent of instructor and department chairman.

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

188 Seminar (1-4 credits).

GRADUATE

The following numbers may be used by any department, with variable credit, to offer credits for the type of activity indicated in the titles and explanatory notes. Limits on the amount of credits of any one type (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 Selected Topics

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

590 Practicum

591 Research Practicum

592 Colloquium

593 Thesis

594 Extended Conference or Workshop (Graded A through F)

595 Reading and Conference

596 Independent Study

Master's programs at Boise State 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 (6) credits in any one semester or session.

597 Special Topics

598 Seminar

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

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

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.
ACADEMIC INFORMATION

Courses

These courses are open to all students on campus. Since there is a new awareness on the campus of minority needs, the curriculum is always changing. Students are advised to carefully read the class schedule each semester to check on new courses.

**Hy 315-16** History of the Far East
**Hy 355** The American West
**Hy 356** The Indian in American History

**Hy 334g** U.S. Social & Cultural History

**Hy 205** Lewis and Clark
**Hy 261** Minorities in U.S. History

**So 305** Race and Cultural Minorities
**So 424** Rural Sociology and Developing Nations

**Anthropology**
- AN 201 Physical Anthropology
- AN 202 Cultural Anthropology
- AN 307 Indians—North American
- AN 315 Indian People of Idaho

**English**
- E 219 No. American Indian Folklore and Literature
- E 213 Afro-American Literature
- E 215 Far Eastern Literature

**History**
- Hy 315-16 History of the Far East
- Hy 355 The American West
- Hy 356 The Indian in American History
- Hy 334g U.S. Social & Cultural History
- Hy 205 Lewis and Clark
- Hy 261 Minorities in U.S. History

**Sociology**
- So 305 Race and Cultural Minorities
- So 424 Rural Sociology and Developing Nations

**Minority Interest Courses**

Courses offered at Boise State University that emphasize racial minority culture, contributions and problems are listed below. These courses are open to all students on campus. Since there is a new awareness on the campus of minority needs, the curriculum is always changing. Students are advised to carefully read the class schedule each semester to check on new courses.
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.

STUDENT ADVISORY AND SPECIAL SERVICES

The primary responsibilities for general advising, counseling, and assistance are provided through the Office of Student Advisory and Special Services. Coordination of the Veterans' Affairs Office, the Minority, Handicapped, and Disadvantaged Student programs, Foreign Student Advising and other special student services are responsibilities of this area. This office also develops and publishes the Boise State University Student Handbook.

All Complete Withdrawals from the University as well as student appeals, special requests, and petitions are initiated and cleared through this office (see page 14 of this bulletin).

Veterans' Affairs

This office provides services and assistance for all veterans enrolled at Boise State University and non-student veterans living in the University's normal service area. The Veterans' Coordinator through an Outreach program, informs and advises veterans of their eligibility for educational benefits and assistance. The office is responsible for establishing special education programs of a remedial, motivational, and tutorial nature that will assess veterans' needs, problems, and interests. The Veterans' Affairs staff will refer veterans in need of counseling to the other student assistance areas and to community agencies.

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

Your Campus Store is operated by the University as an official source for all textbooks, study aids, and other school supplies needed by students.

Located in the Student Union, Your Campus Store has textbooks available for every course offered by the University. Used books are stocked for resale wherever possible as well as a large paperback book selection.

Also offered is a wide variety of merchandise for sale. This ranges from precision drafting equipment — including Hewlett-Packard and other calculators. Also writing materials, art supplies, greeting cards, jewelry, gifts, posters, magazines, BSU items (i.e. mugs, sweatshirts, T-shirts, jackets and various souvenirs) some health/beauty aids; plus photo developing service. Xerox service, keys made, school rings and a Special Order Service for books not normally kept in stock.

HEALTH SERVICE

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

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

The Student Health Service exists for full-time students only. Inquiries regarding the pre-admission medical examination and services rendered can be made directly to the Student Health Service, Boise State University, 365-1459.

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 keeping 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.

I. 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 for which one might apply. The office is located 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 including financial aid to students and employees without regard to race, color, religion, sex, or national origin. It is enforced by the Equal Employment Opportunity Commission.

Title VII of the Civil Rights Act of 1964

Prohibits job discrimination based on race, color, religion, sex, or national origin. It is enforced by the Equal Employment Opportunity Commission.

Age Discrimination and Employment Act

Prohibits age discrimination in such areas as hiring, discharge, leave, and compensation. Protects all people from the ages of 40-64. It is enforced by the Wage-Hour Division of the Department of Labor.

Fair Credit Reporting Act.

Title VI of the Civil Rights Act of 1964

Prohibits discrimination of race, color, or national origin for both students and employees. For our purpose regulated by the Department of Health, Education, and Welfare.

The Education Amendment Act of 1972 (Title IX)

This prohibits discrimination on the basis of sex by both employees and students. Enforced by the Department of Health, Education, and Welfare.

Public Health Service Act (Section 779A and 845)

Enforced by the Department of Health, Education, and Welfare.

Applying for Aid

Because of major differences in the criteria used in awarding various forms of assistance available through Career and Financial Services, several different application forms are in use depending on the types of aid sought. An applicant may have to complete one, two, or more of these application forms. The three primary forms are discussed briefly below.

Generally, students who are seeking aid on a financial need basis should ALWAYS complete the American College Testing-Family Financial Statement and the BASIC EDUCATIONAL OPPORTUNITY GRANT APPLICATION. Those seeking an award based on scholarship alone need complete only the Boise State University Academic Scholarship Application.

THE AMERICAN COLLEGE TESTING-FAMILY FINANCIAL STATEMENT

Hereafter referred to as the ACT-FFS, it can be obtained from Career and Financial Services, high school counselors, or ACT, P.O. Box 1000, Iowa City, Iowa 52240. Carefully complete the ACT-FFS. USE A SOFT PENCIL. Obtain necessary signatures. Prepare a check or money order (in currency) payable to 'American College Testing' and mail CHECK and 4-page FFS in the envelope provided addressed to Iowa City, Iowa. The priority deadline for these applications is March 1, 1977 to receive aid for the following Fall.

ACT will process your FFS and send you a Student Financial Aid Report (SFAR). Included with it will be an INSTITUTIONAL DATA REPORT (IDS). Complete the IDS and mail it to: Coordinator, Student Financial Aid Programs, Boise State University, Boise, Idaho 83725.

BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM APPLICATION

Applications for the Basic Educational Opportunity Grant Program, hereafter referred to as BEOG, can be obtained from the Career and Financial Services office, high school Counselors, or local libraries. After this application is completed, mail it to BEOG in the envelope provided. Upon receiving the Student Eligibility Report (SER) from BEOG, the student then submits the SER to Boise State's Career and Financial Services office for determination of the award amount. See end of this section for details on eligibility.

BOISE STATE UNIVERSITY ACADEMIC SCHOLARSHIP APPLICATIONS

These can be obtained from the Coordinator, Student Financial Aid Programs, Boise State University, Boise, Idaho, 83725. Applications are to be returned to the Career and Financial Services office. The deadline for scholarship applications is February 1, 1977. NONE postmarked after February 1st will be processed by Career and Financial Services.

VOCATIONAL REHABILITATION, VETERANS ADMINISTRATION ("GI") AND OTHER STATE AND FEDERAL ASSISTANCE

It is the obligation of Career and Financial Services to consider other governmental agency aid funds as direct educational resources. Applicants for financial aid who are also negotiating with Vocational Rehabilitation Services for direct educational expenses are required to file the ACT-FFS.

DUPPLICATION OF AID

Failure to promptly inform Career and Financial Services of other aid which is a duplication of funds already provided may subject the student to cancellation of his or her registration at the request of Career and Financial Services and subsequent reimbursement of funds provided by the University.

RENEWAL AND RE-APPLICATIONS

It is necessary to file the appropriate aid applications each year to be eligible for renewal of all types of financial assistance.

IDENTIFICATION OF SELF-SUPPORTING (OR INDEPENDENT) STUDENT

Under Federal regulations, a student will be 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 from his or her parent(s) for the calendar year in which aid is received and the calendar year prior to the academic year for which aid is requested, and

3) Has not lived or will not live for more than 2 consecutive weeks in the home of a parent during the calendar year in which aid is received and the calendar year prior to the academic year for which aid is requested.

For purposes of these paragraphs, a student will not be considered to have been claimed as an exemption by a parent, or to have received $600 from his or her parent(s) if that parent has died prior to the student's submission of an application for employment under the College Work-Study Program.

In determining the amount of income and net assets that should reasonably be made available by a self-supporting or independent student and that student's spouse to meet such student's cost of education, the student financial aid officer shall take into consideration:

a) Any serious illness in the family (family members include the student, the student's spouse, and persons for whom the student or spouse may claim an exemption under section 151 of the Internal Revenue Code);

b) The number of dependent children of the student;

c) The number of such dependent children attending institutions of higher education; and

d) Such other circumstances as may affect the ability of the student or the student's spouse to contribute toward the student's cost of education.

Special considerations. Upon the request of a student who does not live with his parents, who visits his parents for periods of time no longer than those which are typical for adults visiting their parents, and who does not receive from his parents gifts which exceed in value the amounts typically given by parents as incidental gifts to their adult, non-dependent offspring, the student financial aid officer shall make a determination as to whether the relationship between that student and his parents is of such a nature that it is unreasonable to expect the parents to contribute toward his cost of education, regardless of their ability to do so. The reasons for such determination shall be made part of the institution's written records. The student financial aid officer shall, before making such a finding, make such efforts as he deems appropriate to ascertain whether the student's parents are in fact willing to contribute toward the student's cost of education.

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FINANCIAL AID PROGRAMS

Since the various student aid programs are continually being revised, only a brief description is presented here. For more detailed statements contact the Coordinator, Student Financial Aid Programs at Boise State University.

SCHOLARSHIPS

1) Academic and Vocational Scholarships

Career and Financial Services cooperates with academic departments and the Vo-Tech Division in awarding a number of scholarships. These awards are based on ability and accomplishment and are available to both new and continuing students. Students interested in these scholarships should contact the Career and Financial Services for a BSU Academic Scholarship Application. The deadline for the applications is February 1st. Students are advised to contact the chairperson of their academic department for details concerning department criteria for academic scholarship.

2) Restricted Scholarships

Career and Financial Services also administers a number of scholarships that are awarded on the basis of financial need, academic excellence, and other criteria stipulated by the contributor. To be considered for these scholarships, students must submit by February 1st a BSU Academic Scholarship Application and the ACT-FFS by March 1st.

3) Service Awards and Other Grant Aid

Various departments and schools in the university also have some restricted scholarships and service awards. Students should check with Career and Financial Services for a list of these other awards.

4) 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 College Blvd., Boise, Idaho 83725.

5) 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, 614 West State Street, Boise, Idaho 83702.

6) State Student Incentive Grants

in amounts up to $750 per semester will be awarded by the Office of the State Board of Education for deserving students in need of financial aid to continue or enter any postsecondary education institution in Idaho, including proprietary schools, eligible to receive Federal funds. Write to the Office of the State Board of Education for an application form and further information, at 614 West State Street, Boise, Idaho 83702, or obtain instructions and application from Career and Financial Services.

7) Idaho National Guard Educational Encouragement Fund Program

will provide an amount 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 Idaho 83701.

FEDERAL STUDENT AID PROGRAMS

Career and Financial Services administers the various Federally supported student aid programs. Students interested in any of these forms of financial assistance must file an ACT-FFS, unless otherwise specified.

1) National Direct Student Loan

A long term loan wherein both interest (3 percent) and payment are deferred while the student attends an accredited college or university.

2) Nursing Student Loan

A 3 percent loan available to students admitted to the registered nursing program.

3) Federally Insured Student Loan (7 percent)

The Federally Insured Student Loan program provides insurance for loans made by authorized lenders to students. Loans are made at the discretion of the lender. Career and Financial Services will provide OE Form 1154 and 1260 and advise applicants which lending institutions in the area are participating. (The ACT-FFS must be filed when the ADJUSTED family income is $15,000 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.

4) College Work Study Program

The majority of on-campus student jobs are funded by this program. An ACT Family Financial Statement is required each year to determine eligibility, financial need and level of gross earnings.

5) Supplementary Educational Opportunity Grant

Students whose need is such that it is not met by other forms of financial assistance available may be considered for a Supplementary Educational Opportunity Grant (SEOG). Grants must be matched with other sources of aid such as scholarships, loans or work study employment. An ACT Family Financial Statement must be filed each year in order to determine eligibility, and financial need.

6) Nursing Scholarship

The purpose of the Nursing Scholarship (a federal grant) is to encourage and enable exceptionally needy students who otherwise would be unable to continue their education to pursue their studies at institutions of higher education in the Registered Nursing field. Students must be accepted into the Registered Nursing program and file an ACT Family Financial Statement each year a grant is sought.

7) Basic Educational Opportunity Grant (BEOG)

Students must submit the Basic Grant application for determination directly to BEOG for consideration in this program. Students must carry 12 credit hours each semester or 30 clock hours or more in a technical program each semester to receive a full Basic Grant calculated on a nine-month period.

The Basic Educational Opportunity Grant Program is a Federal Aid Program designed to provide financial assistance to those who need to attend post-high school educational institutions. Basic Grants are intended to be the "floor" of a financial aid package and may be combined with other forms of aid in order to meet the full costs of education. The amount of your basic grant is determined on the basis of your own and your family's financial resources.

You will be eligible for a grant if you meet several important criteria:

1. You have established your financial need by means of the BEOG application.
2. You will be enrolled in an eligible program at an eligible college, university, vocational or technical school, and you will be attending at least half-time (6 cr. hrs).
3. You are a U.S. citizen or are in the United States for other than a temporary purpose and intend to become a permanent resident or are a permanent resident of the Trust Territories of the Pacific Islands.
The Basic Educational Opportunity Grant Award is a grant and, unlike a loan, does not have to be repaid.

8) Law Enforcement Education Program

The Law Enforcement Education Program (LEEP) provides grant or loan funds for fees for the upgrading of law enforcement personnel. Recipients of grants must be full-time employees of a publicly funded law enforcement agency for a period of two years following completion of any course of study by a grant. Two special applications are necessary each semester. The grant carries an obligation to remain with the agency for a period of two years following completion of any course of study funded by a LEEP grant. Failure to continue law enforcement employment obligates the grant recipient to repay the full amount of the funds awarded. Loans in excess of fees are available only to law enforcement personnel who are certified to be on academic leave.

Applications must be received prior to four weeks before registration. Effective July 1, 1975, the BSU LEEP institutional representative must certify individual courses approved under typology of crime-related degree programs.

9) Native American (American Indian Students Tribal and BIA (Bureau of Indian Affairs) Grant

A student whose eligibility for Indian education grant aid can be verified by their tribal agency, in addition to FILING THE ACT-FFS, MUST REQUEST A SPECIAL AFFIDAVIT FROM THE CAREER AND FINANCIAL SERVICES OFFICE. Two copies are to be sent to the Education Specialist of the tribal agency. Vo-Tech students should contact the Employment Assistance Division of their tribal agency.

OTHER INSTITUTIONAL AID

1) Other Part-time Employment

Part time and vacation employment services are available to all 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 117, Administration. Some job opportunities on campus are available to students who desire to work and who do not meet the strict financial need requirements of the Federal College Work Study program.

2) BSU Student Loans

Loans on a short term repayment basis are made to students contingent upon 2.00 or better grade average, documented need and funds being available. Students with immediate, temporary financial need should contact Career and Financial Services for a BSU Student Loan Application. One letter of recommendation is required for first-time borrowers.

3) Waiver of Non-Resident Tuition

The University has been authorized a strictly limited number of Waivers of Non-Resident Tuition awarded by Career and Financial Services. All other sources of aid must be explored before an applicant is provided a tuition waiver. An ACT-FFS must be filed each year. Non-resident students who have forfeited athletic grants-in-aid (which included tuition) may NOT be considered. Renewal of a waiver is not automatic with satisfactory academic progress. Applications filed by March 1st annually will be given priority consideration.

FOREIGN STUDENTS REGULATIONS

The state department has modified its guidelines on foreign visas. The student will have to demonstrate that he or she has resources for the entire period of intended study (though this does not mean having cash in hand in advance). Authorization for summer employment of foreign students has been virtually terminated by the Immigration and Naturalization Service except in cases supported by the most compelling evidence of financial difficulty. An international student may be considered for on-campus employment of a part-time nature, if it is established as financially necessary as reviewed by a committee.

Since most funds at the disposal of Career and Financial Services are from Federal programs, they are not available for non-U.S. citizens. Emergency 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 another associate. Repayment to the university within a specified time is mandatory.

A foreign student may be considered for a tuition waiver but only when severe financial need has been demonstrated and only after he or she has completed at least one year in residence at the university.

RESPONSIBILITY FOR VALID DATA

Parents and student applicants should be prepared to certify that to the best of their knowledge the information contained in the ACT Family Financial Statement 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 KNOWINGLY 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.

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, a marching band, and partially such programs as drama, debate, choir and community symphony.

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 AFFAIRS

Activities

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.

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.

Bronco Marching Band

The Bronco Marching Band is open to all the students, full or part-time, freshman through graduate. No previous marching experience is necessary to be a member. The Bronco Band will provide instruments for those who do not have their own. Women who do not play an instrument are encouraged to join the Flag Corps. Marching Band credit is applicable toward Area I in graduation requirements. For further information please contact the Music Department.

Theatre

All members of the Associated Students are admitted without charge to a full season of theatre productions. All students of BSU who 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. Financed primarily from the Associated Students of Boise State University budget, it 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, skiing, baseball, track, and tennis. Intercollegiate varsity and freshman athletic events are played under the rules of the National Collegiate Athletic Association (NCAA), of which organization the 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. A loss of a privilege, i.e., relinquishing a
student office.

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

(6) Expulsion—An Administrative or Student Hearing Board
action permanently terminating a student’s registration at the
institute. Readmittance 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 main-
tains an ongoing training program. Supervision is provided for
the President’s Council, as well as advising for the various resi-
dence hall judicial boards.

The office also supervises all married student housing and
assignments; plans for redecorating, maintaining, and refresh-
ing 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, kitchenette,
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 (2), iron, and a study lamp
(lamps are not needed in Chaffee Hall or the Towers). All residents

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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 fee and security deposit of $35.00.

**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 College Boulevard
Boise, Idaho 83725

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

1) A completed application-contract is sent to the Boise State University Office of Student Residential Life with:
   a. A $35.00 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 3 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 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.**

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

**Meal Service Calendar**

*(For the Year 1976-77)*

**Fall Semester** — August 24, 1976 through December 20, 1976.
(Except Thanksgiving Vacation, November 25 through November 28, 1976.)

**Between Semesters** — December 21, 1976 through January 10, 1977. Meal Service will be suspended and the Snack Bar will be closed.

**Spring Semester** — January 11, 1977 through May 12, 1977.
(Except spring vacation, March 14 through March 20, 1977.)

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

**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 respects the students' right to privacy; however, 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 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, 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 $85.00 for small one-bedroom, $115.00 for large one-bedroom, $130.00 for two-bedroom, and $150.00 for three bedroom apartments. These apartments are carpeted and furnished with stoves and refrigerators. Coin-operated washing machines 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 $130.00 per month and two-bedroom apartments for $155.00 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 $35.00 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, application fee ($70.00) is forfeited if 30 days notice is not given before tenant moving out.

   Student comes in when apartment is ready, signs the lease, pays the balance of their application fee, security deposit ($35-00) which brings the total deposit and fee to $70.00, and receives his confirmation to move into the apartment.
PART IV

School of Arts & Science

Dean: Joseph B. Spulnik, 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 to the good life of free men. The School, therefore, provides an opportunity for each student to share in the accumulated experience of men of all times and places, hoping not only to lead each student to basic knowledge of the matter traditional to the School's major divisions of study, but also to stimulate students to exercise their own powers to range beyond the known — to dream a better possible human condition and devise ways of moving toward it.

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

OBJECTIVES

1. To offer programs of study leading to a baccalaureate degree in the Arts — Advertising Design, Art, Communication, English, History, Music, Political Science, Social Science, Social Work, Sociology, Theater Arts, and in the Sciences — Biology, Chemistry, Earth Science, Geology, Mathematics. Degrees available in the above areas, including the Secondary Education Options offered by all departments, include the Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts (in Art, Art Education, and Advertising Design), 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 inter-collegiate offerings of the Department of Communication including Debate, Reader's Theatre; and productions of plays from both the classical and modern repertoires in the 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: Takahara; Associate Professors: Huff, Killmaster, Kober, Oravez, Skov; Assistant Professors: Benson, Caldwell, Douglass, Ochi, Roberts, Russell, Schlaflly, Wania, Wright; Instructors: Christian, Proctor, Teye, 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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<tr>
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<td>English Composition</td>
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<td>Elective</td>
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III. Advertising Design

Freshman year (see General Art Freshman year)

II. Art Education

Freshman year (See General Art Freshman Year)

<table>
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<td>Foundations of Education</td>
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<td>Electives</td>
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III. Advertising Design

Freshman year (see General Art Freshman year)

<table>
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<th>Course</th>
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<td>Intermediate Painting</td>
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<td>Social Science</td>
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<td>Lab Science or Mathematics</td>
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<tr>
<td>Electives</td>
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<td>5</td>
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</tbody>
</table>

36
I. General Art—Bachelor of Arts Program

1. General University and Basic Core Requirements...

2. a) Art Major Requirements
   - Painting and/or Watercolor ..... 6
   - Drawing ..... 6
   - Art History ..... 9
   - Design ..... 4
   - Ceramics ..... 2
   - Sculpture ..... 2
   - Printmaking ..... 2
   - Crafts ..... 2
   - Senior Seminar ..... 3
   
   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

II. Art Education—Bachelor of Arts Program

1. General University and Basic Core Requirements...

2. a) Art Major Requirements
   - Painting ..... 8
   - Drawing ..... 8
   - Art History ..... 9
   - Watercolor ..... 4
   - Design ..... 4
   - Printmaking ..... 2
   - Sculpture ..... 2
   - Ceramics ..... 2
   - Crafts ..... 2
   - Lettering ..... 2
   - Senior Seminar ..... 3
   
   b) Major Emphasis
   - A total of 14 credit hours from any Fine Arts area will constitute the major emphasis.

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

III. Art/Advertising Design—Bachelor of Arts Program

1. General University and Basic Core Requirements...

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

3. Electives

Credits

SCHOOL OF ARTS & SCIENCES

Art

I. General Art—Bachelor of Fine Arts Degree

1. General University and Core Requirements...

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

   b) Major Emphasis
   - A total of 20 credit hours in any art field will constitute the major requirements and a total of 14 credit hours in a second art area will constitute the minor emphasis.

3. Electives

II. Art Education—Bachelor of Fine Arts

1. General University and Core Requirements...

2. a) Art Major Requirements
   - Painting ..... 8
   - Drawing ..... 8
   - Art History ..... 9
   - Watercolor ..... 4
   - Design ..... 4
   - Printmaking ..... 2
   - Sculpture ..... 2
   - Ceramics ..... 2
   - Crafts ..... 2
   - Lettering ..... 2
   - Senior Seminar ..... 3

   b) Major Emphasis
   - A total of 14 credit hours from any Fine Arts area will constitute the major emphasis.

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

Credits

Page 37
### III. Art/Advertising Design—Bachelor of Fine Arts

#### Degree Advertising Design Emphasis

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

2. **Art Major Requirements**

   **Advertising Design**
   - 10 credits
   - **Painting**
     - 8 credits
   - **Drawing**
     - 8 credits
   - **Watercolor**
     - 4 credits
   - **Design**
     - 4 credits
   - **Sculpture, Ceramics, or Crafts**
     - 6 credits
   - **Lettering/Lettering and Layout**
     - 4 credits
   - **Art History**
     - 12 credits
   - **Creative Photography**
     - 2 credits
   - **Printmaking**
     - 2 credits
   - **Advertising Illustration**
     - 4 credits
   - **Senior Seminar**
     - 3 credits

3. **Professional Electives**
   - 29 credits

   Total credits: 67

   *A minimum of 40 credit hours of a total 128 must be Upper Division.

   **A total of 6 credits, 2 of each in drawing, painting, and design, may be applied to the 20 hour major requirement in the areas of watercolor, ceramics, sculpture, printmaking, crafts, and photography.*

### 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. To begin the process toward attaining this certification while working on the degree, or obtain a waiver through the Dept. of Education.

**B. The following will be submitted to the 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.

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-593 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 the 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.*

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### COURSE OFFERINGS

**AR ART**

#### Lower Division

- **100 Basic Drawing and Painting for Non-Art Majors** (2 credits) A one semester course with emphasis on media, techniques, and philosophy designed to acquaint the general college student with the basic fundamentals of drawing and painting. Four studio hours per week. Either semester.

- **101 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-dimensional theoretical and applied study of the structural organization underlying painting, commercial and industrial art, and interior decorating. Scientific and aesthetic investigation of color are included. Four studio hours per week. Either semester.

- **106 Basic Design** (2 credits) Theoretical and applied study of the structural organization underlying three dimensional art forms such as sculpture, architecture and related 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 space, form, light and shadow, line, 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 techniques of oil, opaque and transparent water base media. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Spring 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). Limited enrollment second semester. Either semester.

- **116 Landscape Painting** (3 credits) Description same as 115 above. Second semester.

- **131 Interior Decoration** (2 credits) Aid in understanding and appreciating interior decoration. The major 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; problems in layout, typography, and reproduction processes will be emphasized. Four studio hours per week. Advisable to take AR 105, AR 106, AR 107 and AR 108 prior to AR 203. 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.

- **209 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. Either semester.

- **211 Drawing** (2 credits) Further 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 creative composition. Four hours studio hours per week. Advisable to take AR 111 and AR 112 prior to AR 211. Spring semester.

- **216 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.

- **218 Painting** (2 credits) Creative work in oils and related media. Four studio hours per week. Advisable to take AR 216 prior to AR 218. 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.

- **221 Crafts** (2 credits) A creative exploration in design and construction problems. Various materials will be utilized, with primary emphasis on jewelry design and metals. Craftsman ship, and the care and usage of tools will be stressed. Four studio hours per week. Advisable to take AR 109, AR 106 prior to AR 221. Fall semester.
222 Crafts (2 credits). Continued exploration in design and construction work in metal and other media. Fabrication, forming, and casting techniques will be emphasized. Four studio hours per week. Advisable to take AR 105, 106, and 221 prior to AR 222. Fall semester.

226 Ceramics (2 credits). An introduction to ceramics technique and materials. Molding, hand building, 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 and AR 106 prior to AR 231. Fall 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 Movements 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 practices. Six studio hours per week. Advisable to take AR 203 and 204 prior to AR 303. May be repeated once for credit. Either semester.

305 Studio in Visual Design (3 credits) Advanced exploration of two-dimensional and three-dimensional design, continuing with problems in line, form, color, texture, and space. Six studio hours per week. Prerequisite: AR 205. May be repeated for credit.

306 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, etching, relief, letterpress. Prerequisite: AR 221, 223, 224 prior to AR 306. May be repeated once for credit.

307 Studio in Metalsmithing (3 credits) Advanced study in materials of jewelry-making and metal smithing with special emphasis on forging, stoneworking, cutting, and mechanical techniques as further personal development of craftsmanship. Prerequisite: Advisable to take AR 221, 222. Six studio hours per week. May be repeated once for credit.

308 Studio in Sculpture (3 credits) Advanced study in materials and methods of the sculptor with emphasis upon welded steel and metal casting. Six studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 308. May be repeated for credit.

311 Studio in Drawing (2 credits). Advanced drawing in various media. Six studio hours per week. Advisable to take AR 111, AR 112, AR 211. AR 212 prior to AR 311. May be repeated once for credit.

316 Studio in Painting (3 credits). Creative work in representational or non-representational areas in oil and related media. Six studio hours per week. Advisable to take AR 113-114. AR 215-216 prior to AR 316. 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.

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 develop 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. Either semester.

326 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 226 prior to AR 326. Individual instruction will be given. May be repeated once for credit.

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, emphasis on the creative approach to picture taking and printing. Two hour lecture and four studio hours per week. Adjustable camera required. Advisable to take AR 251 prior to AR 341. May be repeated once for credit.

351 Secondary School Art Methods (3 credits). Art education on the junior high school and senior high school levels. Two lecture hours and two hours lab per week. Fall semester.

361 Studio in Advertising Illustration (2 credits). Advanced study emphasizing techniques and methodology of illustrating finished art for advertising, approaches to story, product, fashion and décor. Six studio hours per week. Prerequisite: AR 203-204. 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 a concentration on Abstract Expressionism, Pop, Op, and Minimal. Class presentations will be expected of students; critical writings will be assigned. Fall semester.

408 Seminar 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 classical 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 316 prior to AR 415. May be repeated for credit.

417 Studio in Painting-Watercolor (3 credits). Advanced study in selected water color 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). Study in metalworks and materials (advanced) of jewelry-making and metal smithing and an application to the creative artists and teacher. Prerequisite: Advisable to take AR 321, 322, 327, 308. May be repeated for credit.

425 Studio in Ceramics (3 credits). 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 321 prior to AR 425. Individual instruction will be given. May be repeated for credit.

431 Studio in Sculpture (3 credits). 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 312 and AR 313 prior to AR 431. May be repeated for credit.

432 Studio in Sculpture (3 credits). 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 312 and AR 313 prior to AR 432. May be repeated for credit.

488 Senior Seminar (3 credits). Required reading, and written and oral reports, relative to the senior art majors' area of interest within the visual arts. Each semester a NOTE: Course descriptions for graduate courses may be found on page 89 at the end of this Part

Graduate

AR-501 Art Appreciation in the Educational Program (3 credits). A historical and comparative survey of American art movements from 1900 to the present. The course will be placed on understanding the motivations behind the current trends and interpretations of the ideas and symbols. Also emphasized will be communication of this understanding to the various age groups represented on the secondary level. Prerequisite: Graduate status and permission of instructor.

AR-521 Teaching Through Experimental Art Media (3 credits) previously approved for Elementary Master's Degree). Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required; however, most work will be done in class. A reading bibliography will be required, as well as a written paper. Six studio hours per week. Prerequisite: Graduate standing.

AR-522 Teaching Through Experimental Art Media (3 credits, summer school only). Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required; however, most work will be done in class. A reading bibliography will be required, as well as a written paper. Six studio hours per week. Prerequisite: Graduate standing.

AR-580 Selected Topics (3 credits) for each topic with total of 9 credits. (Selected topics) An opportunity for the student to work independently with a particular teacher in a specific area of study or media. Examples of areas are: Drawing, painting, crafts, sculpture, photography, ceramics, clay making and firing as it applies to the creative artist or teacher. Six studio hours per week. Prerequisite: Graduate status.

AR-591 Project (6 credits). See below.

AR-583 Thesis (6 credits). The thesis, or culminating project, may be defined, but is not limited to a combination of any two of the following projects.

A. A scholarly paper embodying results of original research which are used to substantiate a specific view.

B. Three written reports directed toward the student's particular area of study

C. A curricular proposal in written form which could be considered for implementation in the schools

D. A personal art show with a full faculty review

E. A submitted portfolio of work with a full faculty review

Prerequisite: Graduate status.

AR-598 Seminar in Art (3 credits, previously approved for Elementary Master's Degree). Upon selection of an approved topic, the student will research thoroughly, present in an annotated bibliography with oral report of the topic, utilizing visual material in his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing.
DEPARTMENT OF BIOLOGY

Chairman and Professor: Dr. Russell J. Centanni; Professors: Baker, Fritchman; Associate Professors: Belknap, Fuller, Jones, Papenfuss, Wyllie; Assistant Professors: Kelley, Long, Rychert, Wicklow.

REQUIREMENTS FOR BIOLOGY MAJOR

I. BACHELOR OF SCIENCE OPTION

1. General University and Baccalaureate Degree Requirements see pages 16-18.
2. Major Requirements:
   A. Biology ........................................45
      1. Advanced General Biology ...................10
      2. Biology—any two courses ..................6-9
         Bacteriology ...............................5
         Ecology ..................................3 or 4
         Evolution ..................................3
         Genetics ..................................3 or 4
      3. Physiology—one course ....................4
         Plant Physiology ..........................4
         Mammalian Physiology ......................4
      4. Invertebrate Zoology—one course ..........4
         Entomology ................................4
         Invertebrate Zoology .......................4
      5. Natural History—two courses ...............8
         Systematic Botany ..........................4
         Vertebrate Natural History .................4
      6. Morphology—two courses. plant and animal .7-8
         Comparative Anatomy ......................4
         Plant Anatomy .............................3
         Plant Morphology ..........................4
         Vertebrate Histology .......................4
         Vertebrate Embryology ......................4
      7. Biology Seminar—1 semester ..................1
      8. Biology electives to total 45 credits.     Any of the above courses or
         Cytology, Mammalogy, Microtechnique, Ornithology, Parasitology, Ichthyology, F.W. Algae.

   B. Chemistry ....................................36
      1. General Chemistry ..........................38
      2. Elementary Organic Chemistry ..........19
   C. Mathematics ................................10
      1. Mathematics 115-116 ........................10
   3. Recommended Electives ........................25
      1. Introduction to Biophysics
      2. Earth Sciences
      3. Chemistry
      4. Area I & Electives

II. SECONDARY EDUCATION OPTION

1. General University and Baccalaureate Degree Requirements see pages 16-18. ....32
2. Major Requirements:
   A. Biology ........................................40
      The same as for Biology Major except that the student will take one course from Biology Area 6 above.

   B. Chemistry ....................................16
      The same as for a Biology Major
   C. Mathematics 115-116 ..........................10
   3. Recommended Electives ........................10-12
      The same as for a Biology Major
   4. Education Requirements ........................20
      Foundations of Education
      Educational Psychology
      Secondary School Methods
      Secondary Student Teaching
      Education Electives

RELATED PROGRAMS

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

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

BIOLOGY MAJOR
Bachelor of Science
(Suggested Program)

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### FORESTRY AND WILDLIFE MANAGEMENT

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### BIOLOGY

#### Lower Division

**100 Concepts of Biology (4 credits)**: A 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 current problems as pollution, over population and exotic species. May not be used to form a sequence with either B-101 or B-102. Prerequisite: concurrent or prior enrollment in General Bacteriology. Fall semester.

**101-102 General Biology (4 credits)**: A general one year introduction into the study of plant and animal life, with an interpretation of the principles of morphology, physiology, ecology, embryology, and genetics as represented by both types of organisms. Emphasis on the above principles is placed on their relationship to man. This course is recommended for those students desiring a two semester course in biological sciences. Three lectures and one two-hour laboratory period per week. Each semester.

**200 Man and His Environment (3 credits)**: A course designed to reveal the impact of man on his environment with emphasis on the biological, economic, 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 lecture-discussion periods per week. Each semester.

**203-204 Advanced General Biology (5 credits)**: A general introduction to plant and animal life designed for biology majors and pre-professional students in medicine, dentistry, medical technology, forestry and forestry. Modern concepts of the chemical properties and physiological activities of organisms are emphasized. Prerequisites: B-101 or B-102. Prerequisite: General Chemistry, C-101-102. Introduction to Chemistry, C-101-102. A concurrent course in Organic Chemistry is recommended. 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 within 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.

### UPPER DIVISION

**303 General Bacteriology (5 credits)**: A general survey of the field of bacteriology, designed for students in the general science courses and as a foundation for advanced work in the subject. Three lectures and two three-hour laboratory periods per week. Prerequisite: Advanced General Biology 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, and chlamydia and viruses 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.

**343 Genetics — Lecture (3 credits)**: A study of the principles of genetics as they relate to living organisms. Prerequisite: one year of General Biology, or one year of Advanced General Biology or equivalent. Spring semester.

**366 Cytology (4 credits)**: A course is a study of prokaryotic and eukaryotic cells, their specialization, and the structure, function, and variations in their cellular organelles, the mechanism of mitosis, meiosis, chromosomal aberrations, the interactions of nucleus and cytoplasm, and cytological methods. Three 1-hour lectures and one 3-hour lab. Prerequisite: General Bacteriology. Alternates with Microtechniques, Z-361, and is offered on an odd-numbered years. Fall semester.

**401 Organic Evolution (3 credits)**: History of the development of the theory of evolution. A detailed treatment of the genetic evidence supporting the theory as derived from both plant and animal examples. A discussion of the evidence for vertebrates and evolution including that of man. Prerequisite: concurrently or prior enrollment in Genetics Lecture. 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 experience in the examination of host animals, detection and identification of major locally occurring parasitic groups. Two lectures and one three-hour laboratory per week. Offered alternate years with Organic Evolution. Prerequisite: Advanced General Biology or consent of instructor. Spring semester, even numbered years.

**423 Biogeology (3 credits)**: A survey of the physical factors of the environment and the biological interrelationships of organisms and their effect on the mode of life and distribution of plants and animals. Three lectures per week. Prerequisite: one year of college biology, Advanced General Biology or consent of instructor. Fall semester.

**424 Biogeology Laboratory (1 credit)**: Field Investigations into the broad areas of aquatic and terrestrial eco-systems. Study of population and community dynamics, structures, fluctuations, etc. Weekend field trips will be taken. Prerequisite: concurrent or prior enrollment in Biogeology. Fall semester.

**498, 499 Biology Seminar (1 credit)**: A review of pertinent literature on selected topics. Restricted to senior biology majors. Each semester.

### BT BOTANY

#### Lower Division

**201 Systematic Botany (4 credits)**: A laboratory, field and lecture course. The various systems of classification are discussed; terminologies employed in taxonomic literature must be mastered. Keys and manuals are employed in identifying collected specimens of local flora. Two lectures and two two-hour laboratory periods per week or equivalent field trips. Prerequisite: First Semester Advanced General Botany or consent of instructor. Spring semester.

**302 Plant Anatomy (3 credits)**: This course is designed to acquaint the student with the internal structure of plant tissues, tissue systems and organs from a developmental standpoint. This study will be limited to the higher plants with emphasis on the Angiosperms. Two lectures and two two-hour labs per week. Prerequisite: Advanced General Biology or consent of instructor. Spring semester.

**311 Plant Morphology (4 credits)**: The student will become familiar with the morphology, physiology, anatomy, reproductive cycle and economic importance of the various plant taxa. Phyllology and paleobotany will be introduced. Three one-hour lectures, two two-hour labs per week. Prerequisites: Advanced General Botany, Organic Chemistry recommended. Organic Fall semester.

**322 Freshwater Algae (4 credits)**: A study of the several divisions of freshwater algae, with emphasis on collection, identification and pollution problems related to algal growths. The study would also include discussion of life cycles emphasizing how knowledge might be used to eradicate noxious types and utilize beneficial types to recycle waste water. The course will consist of 2 lectures and 2 three-hour laboratory periods per week. Prerequisite: Advanced General Biology. Fall semester.

**331 Plant Morphology, recommended Spring semester.
DEPARTMENT OF CHEMISTRY

Chairman and Professor: Mr. Jack L. Dalton; Professors: Hibbs, Peterson, Spuhler, Stark; Associate Professors: Banks, Carter, Ellis; Assistant Professor: Mercier.

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:

1. General University and Baccalaureate Degree Requirements. See pages 16-18.

2. Major Requirements:

A. Chemistry

- General Chemistry (4 credits)
- Organic Chemistry (10 credits)
- Physical Chemistry (8 credits)
- Analytical Chemistry (5 credits)
- Advanced Inorganic Chemistry (4 credits)
- Instrumental Analysis (2 credits)
- Chemistry Seminar (2 credits)
- Independent Study (2 credits)

B. Mathematics

- Completion of Mathematics through Calculus M-206 (10-18 credits)

C. Physics

- 11 credits

Suggested Program

FRESHMAN YEAR:

1ST SEM. 2ND SEM.

English Composition 3 3
General Chemistry College 4 4
Mathematics 5 4-5
Degree Requirements 3 3
Physics 1 1

Sophomore Year:

1ST SEM. 2ND SEM.

Analytical Chemistry Quant. Anal. 5 5
Mathematics 4 4
Physics II and III 3 3
Physics Lab I and II 1 1
Degree Requirements 3 9

Junior Year:

1ST SEM. 2ND SEM.

Physical Chemistry 4 4
Organic Chemistry 5 5
Degree Requirements or Electives 6 6

15 15

Senior Year:

1ST SEM. 2ND SEM.

Chemistry Seminar 1 1
Advanced Inorganic 2 2
Instrumental Analysis 4 4
Independent Study 1 1
Degree Requirements or Electives 12 9

16 17

II. Secondary Education Option:

1. General College and Baccalaureate Degree Requirements. See pages 16-18.
## CHEMISTRY EMPHASIS

### Admissions and Program

A. The degree program is intended to provide the high school chemistry teacher with academic courses that will enable him to perform more effectively in the chemistry classroom. Present secondary chemistry teachers have a varied background, so the program provides considerable flexibility for the individual.

B. Requirements for admission are the same as those for admission to Graduate School.

### Course Offerings

#### A. Required courses

1. **TE-560 Secondary Education Core** - 6 credits
2. **Thesis**, project, or additional hours - 3-6 credits
3. **Graduate chemistry courses** - 12 credits

#### B. Elective courses

Additional courses as planned by the student and his graduate committee. GO-571 Geochemistry is to be included as an elective in the chemistry emphasis.

### Additional Information

A. Students may use six (6) credits of 400G level courses to partially fulfill the degree requirements providing the graduate committee so approves.

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

### COURSES

#### C. CHEMISTRY

- **Lower Division**: 100 Concepts of Chemistry (4 credits). A descriptive non-mathematical course designed to acquaint students with the science of chemistry and chemistry's 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-102 or C-112 may not receive credit for C-100. Three lectures and one 3-hour laboratory per week each semester.

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

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

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

- **211 Quantitative Analysis** (3 credits). Study of the equilibrium relationships and methods used in gravimetric, volumetric, and some instrumental analyses. Prerequisite: C-112. 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 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: General Chemistry C-112. Each semester.

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

- **321-322 Physical Chemistry 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: General Chemistry C-112, 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).

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### Suggested Program

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### MASTER OF SCIENCE IN EDUCATION CHEMISTRY EMPHASIS

#### Admissions and Program

A. The degree program is intended to provide the high school chemistry teacher with academic courses that will enable him to perform more effectively in the chemistry classroom. Present secondary chemistry teachers have a varied background, so the program provides considerable flexibility for the individual.

B. Requirements for admission are the same as those for admission to Graduate School.
COMMUNICATION MAJOR

Bachelor of Arts Program
(Suggested Programs)

INTERPERSONAL COMMUNICATION EMPHASIS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 221</td>
<td>Communication Process</td>
<td>3</td>
</tr>
<tr>
<td>CM 222</td>
<td>Communication Theory</td>
<td>3</td>
</tr>
<tr>
<td>CM 223</td>
<td>Communication Practice</td>
<td>3</td>
</tr>
<tr>
<td>CM 421</td>
<td>Communication Applications</td>
<td>3</td>
</tr>
<tr>
<td>CM 498</td>
<td>Communication Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

Total: 26-29

COMMUNICATION MAJOR

Credits

1. General College Requirements ........................................ 14
2. Departmental Core Requirements .................................... 14
3. Suggested Courses, as follows:

A. CM 131 Listening                                             | 3
CM 251 Communication in the Small Group                       | 3
CM 307 Interviewing                                           | 3
CM 431 Small Group Process                                    | 3

B. CM 171 Mass Communication: Concepts and Perspectives         | 8-9
CM 341 NonVerbal Communication                                 | 3
CM 351 Intercultural Communication                           | 3
CM 361 Organizational Communication                           | 3
CM 412 Persuasion                                             | 3
CM 478 Public Relations                                       | 3

C. CM 321 Rhetorical Theories                                  | 3
CM 331 Message Analysis and Criticism                         | 3
CM 332 Contemporary Public Communication                      | 3

D. CM 112 Reasoned Discourse                                   | 3
CM 113 Competitive Speaking                                   | 3
CM 121 Voice and Diction                                      | 3
CM 231 Message Composition and Presentation                 | 3
CM 241 Oral Interpretation                                   | 3
CM 271 Journalistic Communication: Theory and Practice       | 3
CM 273 Reporting and News Writing                             | 3
CM 312 Applied Speech Communication                           | 3
CM 451 Communication Practicum                                | 3
CM 471 Radio-TV Newswriting                                  | 3

Total: 40-43

MASS COMMUNICATION EMPHASIS:

1. General College Requirements ........................................ 14
2. Departmental Core Requirements .................................... 14
3. Suggested Courses, as follows:

A. CM 171-172 Mass Communication: Concepts and Perspectives .... 6
CM 271-272 Journalistic Communication Theory and Practice     | 6

Departmental Electives                                         | 14

Total: 40

SECONDARY EDUCATION EMPHASIS:

1. General College Requirements ........................................ 14
2. Departmental Core Requirements .................................... 14
3. Education requirements (See Section VI Secondary Education)
### JOURNALISTIC COMMUNICATION EMPHASIS

1. **General College Requirements**
2. **Departmental Core Requirements**
3. **Other Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fundamentals of Speech Communication, CM 111</td>
<td>3</td>
</tr>
<tr>
<td>Methods of Inquiry, CM 201</td>
<td>3</td>
</tr>
<tr>
<td>Journalistic Communication Theory &amp; Practice, CM 271 or 272</td>
<td>3</td>
</tr>
<tr>
<td>Communication Process, CM 221</td>
<td>3</td>
</tr>
<tr>
<td>Rhetorical Theories, CM 321</td>
<td>3</td>
</tr>
<tr>
<td>Theories of Communication, CM 421</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Electives (UD)

* Total Hrs.: 27 hrs.

#### English

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Survey¹</td>
<td>6</td>
</tr>
<tr>
<td>Composition above the basic sequence²</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Language Study, LI 305</td>
<td>3</td>
</tr>
<tr>
<td>Literature electives³ (UD)</td>
<td>12</td>
</tr>
</tbody>
</table>

* Total Hrs.: 27 hrs.

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

* 3 hrs. in courses before 1800

#### Communication

<table>
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</tr>
<tr>
<td>Organizational Communication, CM 361</td>
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</tr>
</tbody>
</table>

#### Electives (UD)

* Total Hrs.: 18 hrs.

#### English

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Humanities HU 207 or 208</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Writing &amp; Linguistics³</td>
<td>9</td>
</tr>
</tbody>
</table>

* Total Hrs.: 18 hrs.

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

* 3 hrs. in courses before 1800

#### N.B. ELECTIVES:

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

* 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Speech Communication (2 credits)</td>
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</tr>
</tbody>
</table>

(A course designed especially for two-year preprofessional curricula. Theory and principles involved in oral communication situations in the professional world: interviews, conferences, group process, and public speaking. Each semester.

111 Fundamentals of Speech Communication (3 credits). Fundamental principles of public speaking; audience analysis; interest and attention factors; listening; selection and organization of speech material; delivery. Practice in preparation and delivery of extemporaneous speeches. Students may not earn credits in this course and in Professional Speech Communication CM-102. Each semester.

### COMBINED MAJOR: COMMUNICATION—ENGLISH

**A. With Journalism emphasis:** Department requirements

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### OR>

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</thead>
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<tr>
<td>112</td>
<td>Reasoned Discourse (3 credits)</td>
<td></td>
<td>Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositions, issues, arguments, evidence, failings of arguments and various systems of reasoning. Preparing for and participation in activities designed to apply the principles of logical reasoning in the public forum.</td>
</tr>
<tr>
<td>113</td>
<td>Competitive Speaking (3 credits)</td>
<td></td>
<td>A concentrated study of and practice in intercollegiate contest speaking; for example: expository, persuasive, oratorical, interpretive and extemporaneous speaking. Either semester.</td>
</tr>
<tr>
<td>114</td>
<td>Intercollegiate Debate (1 credit)</td>
<td></td>
<td>Preparation for and participation in competitive debate using the current intercollegiate debate topics. Prerequisites: CM 112 or permission of the instructor. Each semester. CM 114 and 314 may be repeated for a total of 4 credits.</td>
</tr>
<tr>
<td>121</td>
<td>Voice and Diction (3 credits)</td>
<td></td>
<td>Study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in the production of speech. Phonetics used as a base for acquiring skill in articulation of standard American speech.</td>
</tr>
<tr>
<td>123</td>
<td>Listening (3 credits)</td>
<td></td>
<td>Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening. Each semester.</td>
</tr>
<tr>
<td>171, 172</td>
<td>Mass Communication: Concepts and Perspectives (3 credits)</td>
<td></td>
<td>A survey of communication theory as related to current practice of the mass media. Emphasis is placed on the examination of the consumer of mass communication. Not to be taken concurrently with CM 271-272. CM 171-Fall Semester. CM 172-Spring semester.</td>
</tr>
<tr>
<td>200</td>
<td>Methods of Inquiry (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>221</td>
<td>Communication Process (3 credits)</td>
<td></td>
<td>An examination of the nature of human communication. Emphasis throughout experimental learning, on awareness of self, communicative relationships and context.</td>
</tr>
<tr>
<td>231</td>
<td>Message Composition and Presentation (3 credits)</td>
<td></td>
<td>Analysis of methods and techniques of message composition. Practice in the presentation of public speeches.</td>
</tr>
<tr>
<td>240</td>
<td>Oral Interpretation (3 credits)</td>
<td></td>
<td>Practice in reading prose, poetry, and drama to help the student determine a logical and emotional meaning of a selection and project that meaning to his listeners. A portion of the time is spent in voice development. Either semester.</td>
</tr>
<tr>
<td>261</td>
<td>Communication in the Small Group (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>271, 272</td>
<td>Journalistic Communication: Theory and Practice (3 credits)</td>
<td></td>
<td>An experiential based study of journalistic theory and practice. Emphasis is placed on the production of mass media content, through closed circuit radio and television productions and laboratory publications. Not to be taken concurrently with Communication 171-172. CM 271- Fall Semester. CM 272-Spring Semester.</td>
</tr>
<tr>
<td>273-274</td>
<td>Reporting and News Writing (3 credits)</td>
<td></td>
<td>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 stories — usage, grammar, punctuation, capitalization — and the use of copyreading symbols. Prerequisites: CM 171 or 172 consent of instructor, and ability to use typewriter. Each semester.</td>
</tr>
<tr>
<td>275</td>
<td>Supervision of School Publications (2 credits)</td>
<td></td>
<td>For prospective teachers who plan to be advisers of school newspapers and yearbooks, a study of fundamentals in writing, layout and management of scholastic publications. Spring semester.</td>
</tr>
<tr>
<td>276</td>
<td>Television: History and Aesthetics (3 credits)</td>
<td></td>
<td>An examination of television as an entertainment medium: from critical and historical points of view. Course includes a study of dramatic and documentary types, the development of specialized programming, and its social and commercial influences on program content.</td>
</tr>
<tr>
<td>277</td>
<td>Photo Communication (3 credits)</td>
<td></td>
<td>A study of photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. Two hours lecture and two hours laboratory per week. Prerequisite: AR 251. Fall semester.</td>
</tr>
</tbody>
</table>

**Upper Division**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>307</td>
<td>Interviewing (2 credits)</td>
<td></td>
<td>An examination of the theory upon which communication behavior in dyadic situations is based. Practical experience in various types of interviews as confronted in business, in education, and in the professions. Spring semester.</td>
</tr>
<tr>
<td>311</td>
<td>Speech-Communication for Teachers (3 credits)</td>
<td></td>
<td>A course to improve prospective teachers' command of the communication processes used in effective teaching. Emphasis on situations that confront teachers, assistance in self-improvement through the mastery of communication methods. Each semester.</td>
</tr>
<tr>
<td>312</td>
<td>Applied Speech Communication (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>314</td>
<td>Intercollaborate Debate (1 credit)</td>
<td></td>
<td>Preparation for and participation in competitive debate using the current intercollegiate debate topics. Prerequisites: CM 114 or permission of the instructor. Each semester. CM 114 and 314 may be repeated for a total of 4 credits.</td>
</tr>
<tr>
<td>321</td>
<td>Rhetorical Theories (3 credits)</td>
<td></td>
<td>An examination of theories concerning the complexity of interaction among ideas, messages, and men, including analysis of various message strategies.</td>
</tr>
<tr>
<td>331</td>
<td>Message Analysis and Criticism (3 credits)</td>
<td></td>
<td>An evaluation of methods of analyzing and evaluating spoken and written messages and their application to making critical appraisals of public address.</td>
</tr>
<tr>
<td>332</td>
<td>Contemporary Public Communication (3 credits)</td>
<td></td>
<td>The nature, function and influence of public communication in contemporary society. An examination of major events and issues and an attempt to identify particular characteristics of public discussion that affect, reinforce, and alter public opinion.</td>
</tr>
<tr>
<td>341</td>
<td>Non-Verbal Communication (2 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>351</td>
<td>Intercultural Communication (3 credits)</td>
<td></td>
<td>An analysis of societal and cultural influences on interpersonal communication. A critical examination ofcommunication within and among subcultures as well as across cultural boundaries. Spring semester.</td>
</tr>
<tr>
<td>361</td>
<td>Organizational Communication (3 credits)</td>
<td></td>
<td>The application of Communication theory as methodology to the study of Communication within the formal organization. Theories and problems of human Communication within and between organizations. Fall semester.</td>
</tr>
<tr>
<td>371</td>
<td>Copywriting and Editing (3 credits)</td>
<td></td>
<td>Techniques of preparing newspaper copy; the use of proper copyreading symbols; laboratory work in editing and rewriting copy for publication. Prerequisite: CM 273 or 274. Fall semester.</td>
</tr>
<tr>
<td>372</td>
<td>Journalistic Communication Practicum (1-4 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>375</td>
<td>Student Publications Techniques (2 credits)</td>
<td></td>
<td>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 classroom and by work on the student newspaper. Students will meet in regular class and lab session under the supervision of the instructor. Each semester.</td>
</tr>
<tr>
<td>376</td>
<td>Yearbook Techniques (1 credit)</td>
<td></td>
<td>Techniques of layout planning, picture sizing, and writing copy for yearbooks. Recommended for members of the Laos Bois staff and for students preparing to be publications advisors. Not intended for production of yearbook. Spring semester.</td>
</tr>
<tr>
<td>378</td>
<td>History of Mass Communication (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>401</td>
<td>Methods of Teaching Communication (3 credits)</td>
<td></td>
<td>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. Intended primarily for the individual preparing to teach speech communication or direct forensic activities in the secondary school.</td>
</tr>
<tr>
<td>412</td>
<td>Persuasion (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>421</td>
<td>Theories of Communication (3 credits)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>431</td>
<td>Small Group Process (3 credits)</td>
<td></td>
<td>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, role, norms, and cohesiveness. Fall semester.</td>
</tr>
<tr>
<td>451</td>
<td>Communication Practicum (1-4 credits)</td>
<td></td>
<td>Directed study emphasizing the practical application of skills and theory relevant to human communication. An opportunity to focus on areas of special interest to the student. Prerequisite: Senior standing. May be repeated for a total of 4 credits.</td>
</tr>
<tr>
<td>461</td>
<td>Ethics, Law and Communication (3 credits)</td>
<td></td>
<td>An in-depth study of the laws and ethics related to communication. Prerequisite: Upper division standing. Spring semester.</td>
</tr>
<tr>
<td>471</td>
<td>Radio-Television Writing (2 credits)</td>
<td></td>
<td>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 &quot;headlines,&quot; five and ten minute broadcasts. Prerequisite: Reporting and News writing CM 273-274. Fall semester.</td>
</tr>
<tr>
<td>472</td>
<td>Editorial and Feature Writing (3 credits)</td>
<td></td>
<td>A study of methods of gathering material, constructing, and writing editorials, feature articles or programs and scripts for mass media. Fall semester.</td>
</tr>
<tr>
<td>499</td>
<td>Communication Seminar (2 credits)</td>
<td></td>
<td>A study of speech communication problems together with presentation of paper(s) on research into problems. Prerequisite: Senior standing. Each semester.</td>
</tr>
</tbody>
</table>
SCHOOL OF ARTS & SCIENCES

ENGLISH

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 44 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.

Program Requirements

The course of study for the Master of Secondary Education with an English emphasis will consist of a minimum of 33 hours to be chosen by the student and his advisory committee from one of two alternatives.

1. An introductory seminar, twelve hours of graduate English courses, a thesis or project, six hours from the Education core, and nine hours of general graduate electives. At least nine hours of the English courses must be at the 500 level.

   E-500 .............................................. 3
   E-593 or E-595 ...................................... 3-6
   Graduate English electives (except E-501) 12
   Education Core (TE-560) .......................... 6
   General graduate electives (may include E-501) 9

2. An introductory seminar, fifteen hours of graduate English courses, six hours from the Education core, nine hours of general graduate electives and a written and oral examination on graduate English coursework. At least twelve hours of the English courses must be at the 500 level.

   E-500 .............................................. 3
   Graduate English electives (except E-501) 15
   Education Core (TE-560) .......................... 6
   General graduate electives (may include E-501) 9
   Examination on English coursework .......................... 3

Candidates electing a thesis will defend it orally. Candidates electing a project will take a written and/or oral exam covering the project and graduate coursework in English.

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

E ENGLISH

Students who transfer from other schools with qualifying scores on objectives tests, equivalent to those administered to Boise State University freshmen, will be required to take only the essay section of the placement tests. See requirements below for Remedial and Advanced Placement in English composition.

Nine credits of creative writing may be counted toward fulfillment of the major requirements.

COURSES

Lower Division

010 Developmental Writing (Non-Credit): The fundamentals of grammar, composition and reading required of students with ACT Group 1 Probability scores below 20 or students whose first writing is deficient. For students wishing basic review. Each semester.

101 English Composition (3 credits). Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Prerequisite: ACT score 20 or S in Developmental Writing. Each semester.
102 English Composition (3 credits). Advanced practice in expository writing, including analysis and interpretation of imaginative literature. Study of the relationship between literature and human experience. Prerequisite: E-101 or consent of Department Chairman. Fall semester.

111, 112 Honors English Composition (3 credits). Designed to provide the superior student a challenging course that emphasizes individual study and original writing. An introduction to critical writing and the study of ideas through literature. Prerequisite: E-111 concentrates on American literature; for E-112, on epic drama, and the novel. All severely students must have an ACT of 80 or above for E-111. For E-112, prerequisite of E-111 or consent of Department Chairman.

120 English as a Second Language (3 credits). Basic skills in American English pronunciation, sentence structure, composition, and reading for foreign students with TOEFL scores (or equivalent) of 500 or below. Practice in speaking and listening to current American English; reading and vocabulary development; elementary principles of English grammar. Prerequisite: Admission to college recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

121 English as a Second Language (3 credits). Continuation of E-120 with special emphasis on vocabulary development, reading and development of written English. Foreign students with TOEFL scores (or equivalent) of 500-550. Prerequisites: Admission to College, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

122 Composition and Reading for Foreign Students (3 credits). Practice in college level reading and composition; development of special vocabulary skills related to individual needs. Students receive individual attention. Prerequisite: E-121.

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

124 Advanced English Composition (3 credits). An advanced writing course for students who wish to develop skills beyond those acquired in Composition. Students examine specimens of professional writing as well as criticizing the work of other students. Extensive practice in writing, stressing organization, clarity and effectiveness. Prerequisite: E-120 or consent of Department Chairman. Each semester.

125 Creative Writing-Poetry (3 credits). Prerequisite: instructor's consent based on examination of student's own work. Fall semester.

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

127 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. Spring semester.

128 American Indian 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 themes, and extends to the present. The emphasis is Black writing from the 1930's to the present day. Prerequisite E-102 or consent of Department Chairman. Fall semester.

129 Far Eastern Literature: In Translation (3 credits). A survey of literature of Far Eastern countries with an emphasis on China, Japan, and India. Included will be an introduction to the cultural and religious milieu of each country covered in the course. Prerequisite: E-122. Spring semester.

130 Mythology (3 credits). Thematic approach to mythology. Covers creation myths, death rituals, and cultural concepts of the hero. Includes material relating to religion, the occult, psychology, sociology, literature, and general Western culture. Prerequisite: E-122. Fall semester.

131 North American Folklore and Literature (3 credits). A comparative study of traditional 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 preliterate societies receive particular emphasis. Prerequisite: E-122. Fall semester.

132 Twentieth Century Literature (3 credits). This course is an introduction to the cultural and literary history of Western civilization through some of the best plays, stories, novels, and poems written during the last one hundred years. Emphasis will be given to European countries and the United States. Prerequisites: E-122, Consent of Instructor. Fall semester.

133 Western World Literature (3 credits). A continuation of E-230, which focuses on the survival and reassertion 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 Spring Age of Enlightenment, the Romantic, Realistic and Naturalistic movements in Europe and America, and twentieth century Western civilization. Prerequisite: E-122. Spring semester.

240 Survey of British Literature to 1790 (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-122. Fall semester.

241 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. Prerequisite: E-122. Spring semester.

242 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 time and region. Prerequisite: E-122. Each semester.

Upper Division

301 Teaching English Composition (3 credits). Methods and techniques for teaching English composition in secondary schools, with emphasis on the selection of instructional materials, student-centered activity, creativity, and integration of composition into all other activities of the total English program. Limited to teaching students with a superior option and a major or minor in English, or consent of the department. Prerequisites: Upper Division standing, and 110. Introduction to Language, 110. Study, and/or introductory teaching experience.

302 Non-British Western World Drama (3 credits). A survey of major European dramatists from Aeschylus to Anouilh, with special emphasis on the contrast and comparison of the Greek, Renaissance, and modern periods. The course is designed to provide the student with an understanding of the development of European drama, the use and misuse of dramatic devices, and the adaptation of various kinds of drama to the periods studied. Prerequisite: Junior standing and 120 or consent of the Department Chairman.

336 Nineteenth-Century Continental Literature (3 credits). A study (in translation) of major European dramatists of the Nineteenth Century. Specific reading selections vary each semester, but keep within a chronological approach stressing the relationship of the literature to the socio-economic and historical conditions of the period. Included are works by Goethe, Stendhal, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoy. Prerequisite: Junior standing and E-122 or consent of Department Chairman. Spring semester, alternate years.

337 Twentieth-Century Continental Literature (3 credits). The readings (in translation) used for Twentieth Century Continental Literature especially emphasize twentieth century philosophical trends and cultural themes. The course is designed to be covered by Mann, Mauriac, Kafka, Grass, and Solzhenitsyn which examine mythological, existential, religious, and political themes in literature. Prerequisite: Junior standing and consent of Department Chairman. Spring semester, alternate years. To be offered 1976-77.

340 Chaucer (3 credits). A study of representative works of Geoffrey Chaucer with emphasis on The Canterbury Tales and Troilus and Criseyde. Prerequisite: Three units lower-division literature or consent of Department Chairman. Fall semester, alternate years. To be offered 1976-77.

341 Medieval Epics and Romances (3 credits). A study of representative English and Continental epics and romances, which include Beowulf, Sir Gawain and the Green Knight, Chretien de Troyes' Arthurian Romances, The Song of Roland, The Romance of the Rose, and The Nibelung enlied, and The Cit. Prerequisite: Three units lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1977-78.

342 Shakespearean Tragedies, Comedies and Romances (3 credits). A study of representative Shakespearean Comedies and Romances. Prerequisite: Three units lower-division literature or consent of Department Chairman. Fall semester.

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

344 Shakespearean Plays (3 credits). Study of representative Shakespearean Plays. Prerequisite: Three units lower-division literature or consent of Department Chairman. Spring semester.

345 Shakespearean Comedy (3 credits). A study of representative Shakespearean Comedy. Prerequisite: Three units lower-division literature or consent of Department Chairman. Spring semester.

346 English Renaissance Non-Dramatic Literature (3 credits). A study of British poetry and prose from the sixteenth century, including Spenser, Sidney, Shakespeare, Bacon, and Lowes. Prerequisite: Three units lower-division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1976-77.

347 English Renaissance Drama (3 credits). A study of English Renaissance Drama from the sixteenth century, including Shakespeare, Marlowe, Jonson, Webster, Heywood, Beaumont and Fletcher, Dekker, Greene, Tourneur, Chapman, Middleton, Webster, and Jonson. Prerequisite: Three units lower-division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1976-77.

348 English Romantic Poetry and Prose (3 credits). A study of the major works of romantic prose and poetry. Prerequisite: Consent of Instructor. Spring semester.

350 English Romantic Poetry and Prose (3 credits). A study of the major works of romantic poetry and prose. Prerequisite: Consent of Instructor. Spring semester.

351 Milton (3 credits). A study of selected prose and poetry of John Milton with special emphasis on Paradise Lost, Paradise Regained and Samson Agonistes. A special attention will be given to Milton's early religious and historical milieu of Milton's time. Prerequisites: Three units lower-division literature or consent of Department Chairman. Each semester, alternate years. To be offered 1977-78.

353 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 periodic essay, modern prose fiction and the various modes of satire popular in England between 1680 and 1740. Prerequisite: Three units lower-division literature or consent of Department Chairman. Alternate years, fall semester. To be offered 1977-78.

355 Dryden Shakespeare and Their British Contemporaries (3 credits). A study of the earlySEAchanges and significant events in the life of Shakespeare. Prerequisite: Consent of Instructor. Spring semester.

358 Swift, Johnson, and Their British Contemporaries (3 credits). A study of the same period, but from the perspective of two of Britain's best known and most influential authors. Prerequisites: Three units lower-division literature or consent of Department Chairman. Alternate years, spring semester. To be offered 1977-78.

359 British Novel: Beginnings through Scott (3 credits). An investigation of the development of the novel from its origins. Prerequisites: Consent of Instructor. Spring semester.

360 British Novel: Beginnings through Scott (3 credits). An investigation of the development of the novel from its origins. Prerequisites: Consent of Instructor. Spring semester.

cal romances of Scott. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumptions about the controlling subject to be performed by students under careful supervision of the instructor. An introduction to bibliography and an orientation to bibliographic sources. Prerequisite: Admission to the Graduate Program or consent of the English Department Chairman.

E-501 The Teaching of Writing (3 credits). A study of theories and methods of teaching writing for experienced teachers. Special emphasis on new developments around the learning process in composition as those of Moffett. Murray. Judy. Elbow. and Macrane. and on the teacher's role in helping the individual student. Prerequisite: E-500 and teaching experience or consent of the English Department Chairman.

E-505 Linguistics (3 credits). A study of modern linguistic theories and their application to literary texts and to the teaching of English. An examination of the evolution of a specific linguistic category, such as novel, short story, epic, or tragedy. Examination of representation of the time period as being traditional, structural, and transformational. Models deal with the complex relationships in the area of syntax, morphology, and phonology, as well as the recent application of such theory to stylistics and prosody. Prerequisite: E-300 and newly developing theories of linguistics course equivalent to L1-305, or consent of English Department Chairman.

E-510 Major Author (3 credits). A consideration of minor and major artistic creations of an author with attention devoted to major influences, omission, and function. An investigation to include the life of the author and its relation to his work, the society and culture of the times, his place and stature in the genres in which he worked, his use or disregard of tradition. As an investigation of contemporary criticism and critical evaluation since his time. Prerequisite: E-500 or consent of English Department Chairman.

E-520 Genre (3 credits). A study of a well-defined literary category, such as novel, short story, epic, or tragedy. Examination of representation of the time period as being traditional, structural, and transformational. Models deal with the complex relationships in the area of syntax, morphology, and phonology, as well as the recent application of such theory to stylistics and prosody. Prerequisite: E-300 or consent of English Department Chairman.

E-530 Period (3 credits). A study in major authors, genres, or topics set within a selected period of American or British literature. Prerequisite: E-500 or consent of English Department Chairman.

E-540 Myth in Literature (3 credits). An exploration of the use of myth in literature, both as a structural influence as well as a source of content. While attention will be given to the nature and working of myth itself, focus will be on the ways in which they enter into the conscious creation of fictive art. Mythic themes may be explored, such as the quest, the initiation, the Adamic myth in American literature, or the functions of myth in the work of major authors such as Milton, Melville. T. S. Eliot. Joyce. Prerequisite: E-500 or consent of the English Department Chairman.

E-550 Literature and Culture (3 credits). A study of the reciprocal relationship between a selected body of literature and the social, economic, and political forces that characterize the culture from which it arose. An examination of the ways in which literary form and content are influenced by culture as a whole. Prerequisite: E-500 or consent of English Department Chairman.

E-560 Folklore (3 credits). An examination of materials selected from oral tradition and custom with attention to be paid to aspects of collecting, classifying, comparing, analyzing, and achieving. Theories of folklore composition, transmission, and function will be related to the use of folklore in the classroom. Prerequisite: E-500 or consent of English Department Chairman.

E-570 Literary Movements (3 credits). A focus on a significant literary movement, the works of its major and minor contributors, its theories and its practice, its relation to its time, its place in literary history, its influence on writers past and present. Prerequisite: E-505 or consent of English Department Chairman.

E-593 Thesis (3 to 6 credits). A scholarly paper containing the results of original research. Prerequisite: Admission to candidacy and approval of the student's graduate committee.

E-596 Reading and Conference (3 to 6 credits). A project may include, but is not limited to a library research paper or experimental research on some aspect of pedagogy or preparation of written curriculum with teaching materials. Prerequisite: Admission to candidacy and approval of the student's graduate committee.

**HU HUMANITIES**

207. 208 Introduction to Humanities (3 credits). Definitions and redefinitions of culture: man's pursuit of meaning, art, music, and drama. The origins, times, and uses of human beings in literature. Prerequisite: English 102 or consent of Department Chairman.

210. 211 History of Literary Criticism (3 credits). A survey of critical approaches to literature from Plato to the twentieth century. Prerequisite: Junior standing and a literature survey or consent of the Department Chairman. Fall semester.

217. 218 Introduction to American Literature (3 credits). A study of important works by important twentieth-century American authors. Prerequisite: Junior standing and a literature survey or consent of the Department Chairman. Fall semester.

291 History of English Literature (3 credits). An introduction to the development of English literature. An examination of written and oral traditions. Prerequisite: English 102 or consent of Department Chairman.

301. 302 History of the English Language (3 credits). A study of the periods in the development of the English language. An introduction to the evolution of the English language and the development of writing, internal and social forces of change, dialects of English. Prerequisite: Applied English Linguistics course equivalent to L1-305, or consent of Department Chairman.

303. 304 Introduction to Linguistics (3 credits). A study of linguistic theory and concepts to the teaching of grammar composition. Analysis of specific problems of the structure of instruction. Examination of Texts of department and reports on pertinent articles in professional journals. Prerequisite: English 102 or consent of Department Chairman. Fall semester.

305 Applied English Linguistics (3 credits). Application of linguistic theory and concepts to the teaching of grammar composition. Analysis of specific problems of the structure of instruction. Examination of Texts of department and reports on pertinent articles in professional journals. Prerequisite: Applied English Linguistics course equivalent to L1-305, or consent of Department Chairman.

306 English courses may be substituted for seminar work in the English core.
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 may be gained through regular University challenge procedures.

**COURSES**

### FL FOREIGN LANGUAGE

- **110 Applied Phonology: French, German, Italian (3 credits)**: Phonemic description and phonemic 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 1977-78.

- **310 Methods of Teaching Foreign Languages (3 credits)**: A lecture-discussion course intended for prospective and in-service language teachers. Various aspects of language teaching are considered, including class-room techniques, problems, audio-technology, laboratory work, and practical experiences. Fall semester, alternate years.

### F FRENCH

#### Lower Division

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

- **103 Approaches to French Conversation and Composition (2 credits)**: A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school French or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

- **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, drama, and essay are studied. In the first semester, the Middle Ages through the 18th century are covered; in the second semester, the 19th and 20th centuries. Classes are conducted mostly in French. Prerequisite: F 201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Offered in alternate academic years.

- **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 and foreign travel. Classes are conducted mostly in French. Prerequisite: F 201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Offered in alternate academic years.

### G GERMAN

#### Lower Division

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

- **201-202 Intermediate German (4 credits)**: A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in German. 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.

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

- **303-304 German Conversation and Composition (3 credits)**: Intended to further stimulate clarity, simplicity, and precision in oral and written German; and to lay the foundations for literary studies and foreign travel. Classes are conducted mostly in German. Some outside readings in English. Prerequisite: 2 years of college German or equivalent as determined by placement test. Fall semester. Offered in alternate academic years.

### 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. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school Spanish or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

### S SPANISH

- **101-102 Elementary Spanish (4 credits)**: This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Spanish. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school Spanish or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.
103 Approaches to Spanish Conversation and Composition (2 credits). A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Graded based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: Psychology 102 or concurrent registration. Students with more than one year of college Spanish are not eligible. Not offered in 1976-77.

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

Upper Division

301-302 Survey of Spanish Literature (3 credits). An introduction to the major literature from the early Middle Ages to modern times. Reading and interpretation of major literary as well as socio-cultural trends, with oral and written reports: development of powers of interpretation, critical insight. Lectures and class participation are in Spanish. Prerequisite: Intermediate Spanish S-201 and S-202. Meets the literature requirement for baccalaureate degrees. Offered in alternate academic years.

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

305 Spanish Culture and Civilization (3 credits). Coverage of Spanish civilization from earliest Iberian beginnings to contemporary Spain. Discussion of Spain's history and its influence on present nation and people. Special attention to Spain's contributions to Western Civilization. All lectures and discussions conducted in Spanish: some readings in English. Outside readings and papers required. Prerequisite: 2 years of college Spanish or equivalent as determined by placement exam. Fall semester. Offered in alternate academic years.

306 Spanish-American Culture and Civilization (3 credits). Coverage of Spanish-American civilization. Lecture, discussion, and laboratory course dealing with cultural, social, economic and political developments in the Hispano-American nations. The course gives the student an understanding of Hispanic cultural systems and affords insight into the perplexities and challenges facing Hispanic peoples today. Class conducted in Spanish. Prerequisite: 2 years college Spanish or equivalent as determined by placement exam. Spring semester. Offered in alternate academic years.

DEPARTMENT OF GEOLOGY

Chairman and Professor: Dr. Kenneth M. Hollenbaugh; Professors: Warner Wilson, Associate Professor: Spinosa, Assistant Professors: Aaplege, Donaldson, Mank, Instructor: Deleso, Research Associate: Guillaume.

The Department of Geology provides three degree programs: 1. Master of Science in Secondary Education, Earth Science emphasis; 2. Bachelor of Science in Geology; and 3. Bachelor of Science in Earth Science Education. Non-degree course offerings in geography meet the 15 credit requirement under the 30-15-15 Social Science Secondary Education degree program offered in the departments of Economics, History, Political Science and Societal and Urban Studies.

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

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 science in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.

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

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

REQUIREMENTS FOR GEOLOGY MAJOR

Bachelor of Science

GEOLOGY MAJOR

(Suggested Program)

FRESHMAN YEAR:

1ST SEM. 2ND SEM.

English Composition 3 3
Physical Geology 4 4
Historical Geology — 4
Mathematics 5 5
Chemistry 4 4


16 16

2ND SEM.

1ST SEM.

MINOR:

Mineralogy 4 4
Petrology — 4
General Physics 4 4
Degree Requirements 3 3
Electives 4 4


15 15

2ND SEM.

1ST SEM.

JUNIOR YEAR:

Sedimentology 4 4
Stratigraphy — 3
Structural Geology 4 4
Paleontology 4 4
Degree Requirements 5 6
Electives 8 8


17 17

2ND SEM.

1ST SEM.

SENIOR YEAR:

Field Geology — 4
Seminar 1 1
Degree Requirements 3 3
Upper Division Electives 6 3
Upper Division Electives in Geology 6 6

16 16

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### EARTH SCIENCE EDUCATION MAJOR

(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
</tr>
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<tbody>
<tr>
<td>1ST SEM.</td>
</tr>
<tr>
<td>English Composition</td>
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<tr>
<td>Physical Geology</td>
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<tr>
<td>Historical Geology</td>
</tr>
<tr>
<td>Mathematics</td>
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<tr>
<td>Chemistry</td>
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<tr>
<th>SOPHOMORE YEAR:</th>
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</thead>
<tbody>
<tr>
<td>1ST SEM.</td>
</tr>
<tr>
<td>Foundations of Education</td>
</tr>
<tr>
<td>Geology</td>
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<td>General Physics or General Biology</td>
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<td>Degree Requirements</td>
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<td>Upper Division Electives</td>
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250 Principles of Paleontology (3 credits). A course designed for non-geology majors, especially those planning to teach in the biological sciences. The course provides an overview of the various fields of paleontology. Evolution, taxonomy, and descriptive knowledge will be included. Laboratory periods will be used to study small collections of the more important phyla and to introduce the student to simple museum techniques of fossil preparation and study. Laboratory projects include one-hour lectures and one-three-hour laboratory per week. Prerequisites: Any introductory course in geology, biology, zoology, or botany or consent of the instructor. Either semester.

Upper Division

311 Sedimentology (4 credits). A study of the classification of sedimentary rocks and all processes concerned with their genesis. Major headings are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Laboratory work consists of microscopic study of sedimentary rocks and of a study of the methods and instruments used in statistical treatment of sediments for mapping and research purposes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Geology 211. Fall semester.

312 Stratigraphy (3 credits). The study of sedimentary strata with chronostratigraphy as its special aim. Emphasis is placed on genetic environments, natural sequences of formations and facies, and correlation techniques. Three one-hour lectures, field trip and special projects and a report required. Prerequisite: Sedimentology. Spring semester.

313 Geomorphology (3 credits). A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers, and the process by which these features have been produced. Emphasis is placed on study of map and field investigations. Two lectures and one three-hour laboratory per week. Prerequisite: Historical Geology. Fall semester.

314 Structural Geology (4 credits). A study of the physical nature of rocks, the origin, description, correlation, and interpretation of deformational structures in earth history and the principal theories of deformation and orogeny. Lab problems in recognition and analysis of geologic structures, the geometry of faults and folds, construction of maps and the use of aerial photos. Field work Three lectures and one three-hour lab 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 crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral examination. Laboratory experience in the preparation of materials for optical study and diagnostic techniques form mineral identification and 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 thin section of a rock is based on features observed in this section. A systematic survey of the major rock types with emphasis on texture, minerals, and mineral assemblages. Prerequisite: GO 231. Spring semester.

351 Invertebrate Paleontology (4 credits). The study of the invertebrate phyla represented in the fossil record. Special emphasis is placed on hard-part morphology, ontogeny, and taxonomy of the geologically more important groups. Laboratory work based on standard collections will be done by the students during a field trip. Three hours of lectures, four hours of labs. Prerequisite: Historical Geology or Advanced General Biology. Fall semester.

403 Engineering Geology (3 credits). Application of geology to engineering projects. Aspects of geology that are included include mineralogy, structural geology, petrology, geomorphology, geophysics, and engineering geology. Prerequisites: GO 431, GO 432, GO 433, GO 434. Fall 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 subterfuge materials. Emphasis is placed on structural, sedimental and, stratigraphic conditions most conducive to the formation of ground water reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratiography. Fall semester.

413 Ore Deposits (3 credits). The genesis, structure, mineral associations and classification of economic deposits of minerals. Discussion of modern theories of ore deposit formation, origin and migration of ore-bearing fluids, trap formation, secondary enrichment, paragenesis, and zoning. Consideration is given to the controls on or ore occurrence and to the economics of exploration, development, and use of ores. Three lectures per week. Field trip required. Prerequisites: Mineralogy and structural geology. 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, and methods and techniques for prospecting and developing petroleum fields. Two one-hour lectures per week and one three-hour lab per week. Three field trips. Prerequisite: Structural Geology and Sedimentology. Alternate years, Spring semester. Offered 1976.

441 Introduction to Geophysical Methods (3 credits). The course will include material on such topics as wave analysis, geophysical techniques. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetry, magnetics, radar and borehole geophysical techniques. The applicability of the various techniques to the solution of geologic problems in exploration (economic 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 on geologic maps, logs and field trip guidebooks pertaining to the study of geologic topics relative to a specific 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 semester and a final report of specific merit is keyred 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. Either 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 sequences, table mapping, geologic mapping on aerial photographs and on topographic maps, and special field techniques for igneous, sedimentary and metamorphic terrains. Instruction will be by appropriate specialized geologists. A formal report of general field and laboratory work must be submitted. Four one-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 studies. Fundamentals of geologic report preparation and oral presentations. Prerequisite: Geology major or Earth Science Education major. Either semester.

Graduate

511 Environmental Geology (3 credits). Environmental Geology deals with the geologic aspects of man's interaction with his environment. Topics considered include energy sources, conservation of metallic and non-metallic mineral resources, soil and water conservation, the water cycle, earthquakes, and other geologic hazards. The techniques and strategies of research and problem solving are contrasted with the growing requirement for the protection of our natural environment. Prerequisite: Graduate status or consent of the instructor. Fall semester.

521 Advanced Topics in Earth Science (1-3 credits). The study, review, and discussion of current literature. Laboratory and special field trips are made relative to geology, astronomy, meteorology, and oceanography. The course is designed to aid the student with background knowledge, skills, and material 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 the geologic relationships and physical evolution. The uniqueness of each province is investigated 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 current and approved ways to collect representative field samples of rocks, minerals, fossils, etc. and to use topographic, structural and stratigraphic entries to analyze and classify statistically sedimentary, petroleum, and mineral 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 geological science. Prerequisite: Graduate status or consent of the instructor. Spring semester.

611 Earth Science Teaching Techniques (3 or 4 credits). A course is designed for the objectives, methods, and materials of instruction in the earth sciences. Emphasis will be placed on the preparation and presentation of lecture, laboratory, and field trip activities. Sources of educational materials will be available to the instructor. Motivation of student interest by the incorporation of environmental and historical problems and materials will be emphasized. This course provides the student with an understanding of the earth and its processes. 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. Geochemical "cycles." Chemical principles of mineral formation and weathering. Geochemistry and the environment. Prerequisites: Geology 501 or consent of instructor. Either 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. A final report is required. 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 the student's 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 a list from a list provided by instructor. Weekly progress meetings, final report. Prerequisites: Physical Geology, Fundamentals of Geology, 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. Presentation of oral reports may take the form of a debate. Preparation of visual aids and geologic illustrations may be emphasized. Prerequisite: Admission to candidacy or consent of the instructor.

53
GG GEOGRAPHY

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 includes basic concepts and techniques used in geography, utilization and interpretation 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 culture. Lectures, slides, motion pictures and guest speakers, along with appropriate readings, will comprise the course. Prerequisite: Intro to Geography or consent of instructor.

201 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 in particular situations. It is aimed at anyone who might have need of maps and globes, such as teachers, 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. Stress is placed on the continuing 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 available to the student include: the textbook, readings from professional journals, the Idaho Historical Society, and slides, motion pictures and writings of area researchers. Prerequisite: Intro to Geography and consent of instructor.

231 Comparative Geography of Canada and Latin America (3 credits). The course is a comparative study of the physical and cultural geographies of Canada and Latin America. Comparisons and contrasts will be made between the resources, environments, peoples and potential of each region. Their relationships with 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.

GP GEOPHYSICS

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, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and other geophysical methods. The applicability of the various techniques to the solution of geologic problems in exploration geology (economic and petroleum), engineering geology and groundwater geology will be stressed. Spring semester. Prerequisites: Physical Geography (GG 101) or consent of instructor.

325 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 significance of these properties in understanding the complexities of the earth. Fall semester. Prerequisite: Physics 220 or consent of instructor.

451 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. These include geologic acquisition, data reduction and interpretation. Four one-hour lectures and one three-hour lab. Fall semester. Prerequisites: GG-314, GP-301, PH-221 and 222, M-321.
B. Other History Courses (minimum of 15 U.D.)...18
To be chosen by student in consultation with
advisor from two out of three of the department's
offerings (U.S., European, Third World).

C. Other Courses
At least 15 hours must be taken in each of two allied
disciplines: Economics, Political Science, Anthropol-
ygy, Sociology, Geography. These courses should
be chosen by the students in consultation with their
advisor.

15 Hour History Option
Similar 30-15-15 academic majors are available in the
various social science disciplines in which their courses would
constitute the 30-credit core of the major and history would
serve as one of the associated 15-credit blocks. For such a major
the Department of History requires that at least 9 of the 15 his-
tory 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 101, 102, or 201, 202, 203
Western Civilization (HY 101, 102, 103, or
201, 202, 203)

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 130 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. 38 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
or History of Western Civilization .......................... 3 hours
4. HY 480.481, Seminar ................................................. 482 hours
5. TE 560 Secondary Education Core ................. 6 hours

B. Elective courses

B. 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 deficien-
cies 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.

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

History

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 same individual and labor through populism, imperialism, progressivism, world war, depression, and world leadership. Not open to students who have credit in 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 American political system. Major political and social developments of the second half of the 20th century. Consent of instructor.

299 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. Field study to historical and governmental sites to be visited include Williamsburg, Washington, D.C., and New York City. The credit allowance in this course is subject to the student’s participating in the tour and doing the required work. The course is open on an audit basis for other interested students. Spring semester or Summer.

Upper Division

303 The Age of Abolition and Reason (3 credits). A study of European thought in the nineteenth and twentieth centuries: The Age of Abolition, ideas of the philosophes, and the crisis of the old order leading to revolution. Prerequisite: HY 102. Suggested additional preparation, HY 101. Either semester, alternate years.

307 Germany and the Quest for Unity, 1848-1970 (3 credits). The struggle for Germany unity in modern times, and the relation of this issue to the origins of the two World Wars. The political problems will be traced through the "opening of the east" inspired by Willy Brandt. HY 103 recommended. Either semester, alternate years.

308 France and the Quest for Stability, 1814-1968 (3 credits). The failure of Frenchmen in the 19th and 20th centuries to achieve political and social equilibrium. The course will begin with 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 Renaissance in Italy and in the North. Prerequisite: HY 102 or consent of instructor. Spring semester; alternate years.

310 The Reformation (3 credits). Survey of Church-State relationships to include the Babylonian Captivity, the Great Schism, the impact of the national state, and the theological and political philosophies of reformers from Wycliffe to the Council of Trent. Consent of instructor; open to students who have passed through the "opening of the east" inspired by Willy Brandt. HY 103 recommended. Either semester, alternate years.

311, 312 History of England (3 credits). First semester: Survey of the major cultural, political, economic and religious developments in England in the beginning from the Middle Ages to 1688. Second semester: Great Britain from the seventeenth century to the present. Either semester, alternate years.

313, 314 History of Russia (3 credits). First semester: Survey of the origins and development of the Kievan and Muscovite states through the 18th century. Second semester: A study of the major cultural and economic institutions as well as the growing political power of the state from the eighteenth century to the present. HY 102, HY-103, HY-313 recommended. Either semester, alternate years.

316 History of the Far East (3 credits). A survey of the major powers of the Orient - their internal political and cultural development. Either semester, alternate years.

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

320 Ancient Rome (3 credits). Political, social and cultural history from the Etruscans to the 5th century A.D., with stress on those tendencies and achievements which have influenced Western civilization. Prerequisite: HY-101, or consent of instructor. Spring semester, alternate years.

321 Medieval History (3 credits). The political, economic and cultural development of Medieval Europe from the fifth to the fourteenth century. Prerequisite: HY-102 or consent of instructor. Suggested additional preparation: HY-101. Either semester, alternate years.

322 The Medieval Church (3 credits). A survey of the Christian Church from its apostolic foundations through the 1st century to the fully developed papal monarchy of the late 13th century. Special subjects for consent: the internal organization and development and external expansion of the Church; the establishment of theological dogma and ethical norms; the relations of individual Christians to the world, and the organizational Church to the secular state; and the effective establishment of papal primacy over Western Christendom. Prerequisites: HY-101 or consent of instructor. Recommended preparation: HY-103. Either semester, alternate years.

331 Islamic Civilization (3 credits). A history of the people, institutions and cultural of the Near and Middle East from Muhammad to the decline of the Ottoman and Safavid empires in the eighteenth century. Prerequisite: Upper Division standing. Fall semester. Alternate years.

332 The Modern Middle East: Cultures in Conflict (3 credits). A history of the Near and Middle East during the Nineteenth and Twentieth Centuries: the decline of the Ottoman, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. Prerequisite: HY 103 recommended. Spring semester, alternate years.

334 United States Social and Cultural History (3 credits). Selected social and cultural themes from colonial times to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in the historical context. HY 151, 152 recommended. Either semester, alternate years.

336 United States Constitutional History (3 credits). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and 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.

338 United States Constitutional History (3 credits). A study of origins, writing and development of the American Constitution from colonial charters, through the Constitutional Convention, John Marshall, Civil War, Age of Industrial Development, Progressivism, World Wars, Cold War, and the Warren Court. Considerable emphasis is placed on role of the Supreme Court. Prerequisite: HY 151, 152 or consent of instructor. Fall semester; alternate years.

339 History of Ireland (3 credits). The development of the concept of an Irish 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.

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

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

354 Civil War and Reconstruction (3 credits). A study of the origins of the conflict between the states, the encounter and the problems of reunification. Prerequisite: Upper Division standing or completion of HY-151-52. Either semester, alternate years.

356 Western American History (3 credits). The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will be on the migration of people in the Trans Mississippi West. HY 151 recommended. Either semester, alternate years.

357 Idaho and the Pacific Northwest (3 credits). Political, economic and social development of the Pacific Northwest with emphasis upon the people, customs, and institutions of Idaho. HY 151 recommended. Either semester.

358 Emergence of Modern America, 1877-1917 (3 credits). The Industrial growth of the United States: emergence as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY-152 or consent of instructor.

359 Recent United States, 1917 to Present (3 credits). Versailles and post-war disillusionment; boom and bust of the 20's; the Great Depression and FDR's New Deal; reappearance on the world scene; World War II and its aftermath; HY-152 recommended Spring semester, alternate years.

367 Colonial Spanish America (3 credits). The development of distinctive Spanish American societies through the overview of Spanish with American and African cultures in South and Middle America, all with attention given to the independence wars of the early nineteenth century. Prerequisite: HY-102. Fall semester; alternate years.

368 Spanish American Nations (3 credits). The struggle towards democracy, economic progress, and political stability of Spanish American nations since their achievement of independence. Emphasis is on the Andean, Middle American and Caribbean areas, including their relations with the United States. Prerequisite: HY 367. Spring semester; alternate years.

417 United States Economic History (3 credits). Major factors in the economic growth and development of the United States from colonial times to the present. 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.

420 The Liberal Revolutions, 1776-1832 (3 credits). The restructuring of Western European societies towards political democracy and freedom of economic opportunity, particularly as accelerated by the French Revolution and Napoleon. Prerequisite: HY 102. Recommended additional preparation, HY 303. Either semester, alternate years.

422 History of Socialism (3 credits). The course will examine the history of egalitarian revolutionary ideas and movements of the nineteenth and twentieth centuries. Emphasis will be given to the development of the ideas of Karl Marx, his predecessors and successors. Either semester, alternate years.

425 Twentieth Century Revolutions (3 credits). Reading and discussion of material related to the origins and development of selected socio-cultural, intellectual, political and economic movements in the twentieth century, particularly as they relate to alternative and counter-culture proposals and liberation issues. Either semester, alternate years.
The objective of the department of home economics is to provide education of high quality for each of the student categories listed below.

A. Students who expect to obtain a baccalaureate degree with a major in home economics (we are in the process of developing a four-year degree program).

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:

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<td>English Composition</td>
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<td>Introduction to Home Economics</td>
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<td>Clothing</td>
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<td>Physical Education Activities</td>
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<td>Clothing Selection</td>
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SOPHOMORE YEAR:

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<td>House Planning</td>
<td>3</td>
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</tr>
<tr>
<td>Introduction to Foods</td>
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<tr>
<td>Home Furnishings</td>
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<tr>
<td>Nutrition</td>
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<tr>
<td>Social Science (History, Political Science)</td>
<td>3</td>
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<tr>
<td>Microbiology</td>
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<td>Physiology and Anatomy</td>
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<td>Psychology</td>
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<td>Introduction to Sociology</td>
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<tr>
<td>*Electives</td>
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</tbody>
</table>

57
SCHOOL OF ARTS & SCIENCES
Mathematics

COURSES

HE HOME ECONOMICS

Lower Division
101 Introduction to Home Economics (3 credits). 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 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, purchase and care of ready-to-wear apparel, fabrics and accessories. Two hours lecture per week. Each semester.

107 Clothing (3 credits). Designed for students interested in clothing construction involving basic, intermediate, and advanced projects selected according to the students' creativity, ability, 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.

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 week. Spring semester.

111 Fashion Analysis and Design (2 credits). A course designed for the study of costume 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 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 plans 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 materials, time, energy and money will also be studied. Prerequisite: HE 207 or may be taken concurrently. Two hours lecture and two 3-hour laboratory periods each week. Fall semester.

Upper Division
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 106. Three hours lecture each week. Fall semester.

DEPARTMENT OF MATHEMATICS

Chairman and Associate Professor: Dr. William P. Mech; Associate Chairman and Associate Professor: Dr. Robert C. Jupe; Professors: Malow, Takeda; Associate Professors: Anderson, Ferguson, Furuya, Hughes, Keir, Lamet, Sufkanke, Tucker; Ward, Winans, Young. Assistant Professors: Ball, Kenny, Smartt, Sugiyama.

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

I. Mathematics Degree:

1. College requirements for B.A. or B.S. degree, including electives.

2. Mathematics requirements

   Lower Division
   * Calculus through M-206 or M-212
   M-124 (Digital Computer Programming)
   M-225 (Applied Fortran Programming) or M-226 (Assembler Language)

   Upper division mathematics: 27 or more credits
   One or more of:
   M-301 Linear Algebra (4)
   M-302 Intro. to Abstract Algebra (3)
   M-306 Number Theory (3)

   One or more of:
   M-314 Foundations of Analysis (3)
   M-406 Complex Variables (3)

   One or more of:
   M-361 Fundamentals of Statistics (4)
   M-362 Probability Theory (4)
   M-431-432 Probability and Statistics (6)

   Three or more semester courses, including a sequence, at the 400 level (9-12)
   M-408 or M-431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

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 M-124, M-226 and M-451.

The equivalent of a Bachelor's degree in statistics can be obtained by the student who is interested in statistics or in mathematical applications to business, biology, or physical science. This can be done through the proper selection of electives including M-431 and M-432.

For students preparing for graduate work in a mathematical field, both M-401-402 and M-441-442 are recommended. Additional courses should be selected with his advisor. 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 M-206 or M-212
   M-124 (Digital Computer Programming)

   Upper division mathematics
   M-301 Linear Algebra (4)
   M-302 Intro. to Abstract Algebra (3)
   M-311 Foundations of Geometry (3)

58
M-314 Foundations of Analysis (3) or M-406 Complex Variables (3)
M-361 Fundamentals of Statistics (4) or M-362 Probability Theory (4) or M-431-432 Probability and Statistics (6)
M-490 Mathematics in Secondary Schools (3)

3. Electives (Recommended: M-225, M-226, M-306, M-312)

4. Education Requirements (See Part V) 20 credits (M-490 counts as an education elective)

5. A 45 semester hour major or a 30 semester hour major with a 20 semester hour minor.

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)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
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<tr>
<td>Calculus M-112, 205 or M-211, 212</td>
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<td>4-5</td>
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<tr>
<td>Degree Electives</td>
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<td>9-8</td>
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<td></td>
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<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
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<tbody>
<tr>
<td>Calculus M-206</td>
<td>0-4</td>
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<tr>
<td>Programming M-124</td>
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</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>—</td>
<td>3</td>
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<tr>
<td>Linear Algebra M-301</td>
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<tr>
<td>Elective</td>
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<thead>
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<th>JUNIOR YEAR:</th>
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<tbody>
<tr>
<td>Foundations of Analysis M-314</td>
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<tr>
<td>Intro. to Abstract Algebra M-302</td>
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<td>3</td>
</tr>
<tr>
<td>Fundamentals of Statistics M-361 or Probability Theory M-362</td>
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<td>4</td>
</tr>
<tr>
<td>Educational or Adolescent Psychology</td>
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<td>3</td>
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<tr>
<td>Elective</td>
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<td></td>
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<thead>
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<th>SENIOR YEAR:</th>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Secondary School Methods</td>
<td>3</td>
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<tr>
<td>Foundations of Geometry M-311</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics in Secondary Schools M-490</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Secondary Student Teaching</td>
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<td>6</td>
</tr>
<tr>
<td>Education Elective</td>
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<tr>
<td>Electives</td>
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<td>13</td>
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</tbody>
</table>

Teaching Minor in Mathematics
(Suggested Program)

20 credits to include:

- M-124 2 credits
- M-112 or 211 5 credits
- M-205 or 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 by 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 course work 3 credits
   (e) An oral examination over all mathematics course work 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-541,542 Modern Algebra 6 credits
   M-598 Seminar in Mathematics 3 credits

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.

COURSES

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 which 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 base, arithmetic operations, the postulates for the set of real numbers, and fundamental algebraic and geometric principles. Designed for elementary teachers. Prerequisite: One year of high school algebra and plane geometry or permission of the instructor. Placement will also be determined by a test given on the first meeting of M-103. Each semester. Placement test over the materials of M-012. Each semester.

105 Fundamental Concepts of Mathematics (4 credits). Sets, logic, basic analysis, matrices, linear programming, the simplex method, elementary game theory. Designed primarily for non-science students. Prerequisite: M-020 or two years of high school algebra, or one year of high school algebra and a satisfactory placement score. Placement will be determined by a test given on the first meeting of M-105 and by the ACT mathematics subscore. Each semester.


111 Algebra and Trigonometry (6 credits). Selected topics in college algebra & 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-020. Each semester.

59
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). Designed primarily for students in the life sciences. Functions and their graphs, curve fitting, systems of equations, trigonometry, graphs of triangles, discrete probability, calculus, continuous random variables, and statistics. Prerequisite: Two years of high school math or equivalent, and satisfactory placement score. Placement to be determined by a test given on the first meeting of M-115 and by the ACT mathematics subscore. Each semester.

124 (EN-104) Digital Computer Programming (2 credits). Course for engineering, science, and mathematics majors to introduce programming principles and logic. Construction given of programs to filter, averaging, handling an array of functions and subroutine subprograms, applied to problem solving. Prerequisite: M-111 or M-108 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both M-124 and EN-104. Each semester.

205 Calculus and Analytic Geometry (4 credits). Transcendental functions, methods of integration, determinants, matrices and linear equations, analytic geometry of conics, polar and parametric equations. Prerequisite: M-112 or the passing of a placement test over the material of M-112. Each semester.


211-212 Calculus (5 credits each). Analytic geometry, functions, limits, differentiation and integration with applications, transcendental functions, methods of integration. Vectors, solid analytic geometry, vector functions, partial derivatives, multiple integrals, series, introduction to differential equations. This course is essentially an accelerated version of the three semester sequence M-112, M-205, M-206. Prerequisite: M-111 or M-116 with grade of A or better in 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-205. Credit cannot be obtained for both M-225 and EN-225. Fall semester.

226 Assembly Language (4 credits). Assembler language for the IBM System-360-370. Binary integer, floating point, and decimal arithmetic are considered. Other topics include the writing of subroutines, editing, linking and address modification. Non-academic applications are considered, and an introduction to RPG is included. Prerequisite: M-124. Prerequisite or co-requisite: Spring semester.

301 Linear Algebra (4 credits). Linear algebra, vector spaces and matrices. Prerequisite: M-205 or 212. Each semester.

302 Introduction to Abstract Algebra (3 credits). Sets. Boolean algebra, integral domains, groups, fields, rings and ideals. Prerequisite: M-205 or 212. Spring semester.

306 Number Theory (3 credits). Primes, congruences, Diophantine equations, residues, quadratic forms. Prerequisite: M-205 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.


321 Advanced Engineering Mathematics (4 credits). Ordinary differential equations with emphasis on closed form and series solutions; transform methods and electrical and mechanical circuit differential equations; Fourier series and harmonic analysis; Vector calculus with line and surface integrals. Prerequisite: M-206 or 212. Spring semester.

331 Differential Equations (4 credits). Ordinary and partial differential equations with applications to physical sciences and engineering. Emphasis on numerical methods for solution. Prerequisites: M-124 (EN-104) and M-206. Recommended M-225 (EN-225) or M-126. Fall semester.

340 Numerical Analysis (4 credits). The application of numerical methods to interpretation and analysis of data, general iterative methods: approximation of functions, error analysis, solution of equations and implementation of computer programming. Fortran programming will be utilized. Prerequisite: M-124 (EN-104), M-206 or 212. Spring semester. Odd numbered years.


382 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-116, M-205 or M-212. Spring semester.

401-402 Advanced Calculus (3 credits). The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, divergence, gradient, adjoints, series, sequences and M-314. Sequence beginning each fall.

406 Theory of Functions of a Complex Variable (3 credits). Complex numbers, point sets, functions of a complex variable analytic functions, infinite series, integration, conformal mapping. Prerequisite: M-206 or 212. Fall semester.


431-432 Probability and Statistics (3 credits). Basic concepts of probability theory, sample spaces, random variables, mathematical expectation, central limit theorem, stochastic processes, estimation and testing of hypotheses. Prerequisite: M-206 or 212. Sequence beginning each Fall.

441 Abstract Algebra I (3 credits). Homomorphisms, prime ideals, prime radical, ring of quotients, irreducible rings of endomorphisms, R-modules, Jacobson radical, descending chain condition. Prerequisite: M-301, M-302. Fall semester. Even numbered years.

442 Abstract Algebra II (3 credits). Polynomial rings, simple extensions, algebraic extensions, splitting fields, separable extensions, automorphisms of fields, normal extensions, Galois theory, finite fields, generic polynomials. Prerequisite: M-301, M-302. Spring semester. Odd numbered years.

451 Systems Programming (4 credits). Introduction to machine language programming, compiled languages, program optimization, computer logic and design. Prerequisite: M-126 and M-206 or 212. Fall semester.

456 Linear Programming (4 credits). Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M-301. Spring semester. Even numbered years.

469 Geometric Concepts in Secondary Schools (3 credits). Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of Mathematics completed at or above the three hundred level. Fall Semester.

Graduate


503 Algebraic Systems (3 credits). Number systems and other algebraic systems from an advanced point of view. This will be in the concept of algebraic structures. Prerequisite: M-104. Fall semester.

504 Geometric Concepts (3 credits). Informal geometry and topology. The emphasis will be on problem solving techniques and pattern recognition. Prerequisite: M-104. Spring semester.

505 Foundations of Mathematics (3 credits). The axiomatic method and its role in modern mathematics, the role of the theories of sets and groups in the development of mathematics, modern philosophies of mathematics. Prerequisite: M-302 or consent of instructor. Fall semester.

511 General Topology (3 credits). Sets. separation axioms. topologies. connectedness, compactness, convergence, continuity, product spaces. Prerequisite: M-401 or M-501 or consent of instructor. Summer and Fall semester.

541 Abstract Algebra I (3 credits). Mappings, the Integers. Semigroups. Groups. Subgroups. Rings. Prerequisite: M-301 and M-302 or the consent of the instructor. Summer.


547 History of Mathematics (3 credits). The course is designed for mathematics teachers in the secondary schools. The course consists of two parts: the first part traces the development of algebra, geometry, analytic geometry and calculus to the 19th century; the second part gives a brief introduction to, and history of, some of the developments in mathematics during the last century. Prerequisite: consent of the instructor. Fall semester.

561 Mathematics for Operations Research (4 credits). An introduction to mathematical techniques developed to solve problems which can be formulated based on evaluation of several variables. Matrices, calculus, probability and statistics from the user's point of view. Solution of deterministic problems by linear and nonlinear programming and the simplex method with emphasis on applications in management decision situations. Introductory dynamic programming as a method for solution of stochastically controlled systems. Prerequisite: Consent of instructor. Summer and Fall semester.

564 Mathematical Modeling (3 credits). A brief introduction to digital computer programming in FORTRAN or BASIC. Difference equations, their solutions, stability, equilibrium values, and their use in computer simulation. Applications to demography and economics. Prerequisite: Consent of instructor. Summer.

571 Mathematics Curriculum: 7-12 (3 credits). The history of the 7-12 mathematics curriculum; content, special problems, and trends in mathematics programs; the organization of the curriculum; study of reports and recommendations; curriculum development projects. Prerequisite: one's year's experience in teaching junior or senior high mathematics. Spring semester.

593 Thesis (3 to 6 credits). An opportunity for the student of original work in mathematical research or the formulation of a new interpretation or novel exposition of extant mathematical research. Prerequisite: admission by candidacy.

595 Reading and Conference (3 to 6 credits). A "project" may include, but is not limited to, an original research project or written curriculum with teaching materials. Prerequisite: admission to candidacy.

591 Project (3 to 6 credits). A "project" may include, but is not limited to, a library research paper, educational research, or written curriculum with teaching materials. Prerequisite: admission to candidacy.

598 Seminar in Mathematics (3 credits). The content will vary within a format of student presentation and discussion of relatively advanced mathematical topics selected from texts or mathematical journals. This will not be a seminar in mathematics education. Each semester.
DEPARTMENT OF MUSIC

Chairman and Professor: Mr. Wilber D. Elliott, Associate Chairman and Associate Professor: Oakes; Professors: Best, C.G. Britt, Meyer, Taylor; Associate Professors: Baldwin, Cleveland, Shelton; Assistant Professors: J.W. Britt, Hopper, Hsu, Russell; Instructors: Baldassare, Blood, Thomason; 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 Meas-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 cellos, 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 those donors who have given so generously:

Dr. and Mrs. Robert deNeufville
Alice Gould
Dr. and Mrs. Arthur C. Jones
Senater Len-Jordan
Bryant S. Martinez
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 17 of the catalog.

B. Minimum Music Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Performance Studies</td>
<td>8</td>
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<tr>
<td>Materials of Music I, II, III, IV</td>
<td>12</td>
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<tr>
<td>Beginning and Advanced Ear Training</td>
<td>4</td>
</tr>
<tr>
<td>Music History/Literature Courses</td>
<td>6</td>
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<tr>
<td>Ensemble</td>
<td>4</td>
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<tr>
<td>Concert Class (each semester)</td>
<td>0</td>
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<tr>
<td>Performance, Theory, Music Education, or General Music Electives</td>
<td>10</td>
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<tr>
<td>Senior Recital* or Senior Project</td>
<td>1</td>
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<td><strong>Total</strong></td>
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*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 enrollment.

**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 MU 213 will meet levels 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) 0
   Materials of Music I, II, III, IV and Ear Training (L.D.) 16
   Basic Conducting (L.D.) 1
   Ensemble 6-8
   Elements of Form (Upper Division) 3
   Music History Courses (Upper Division — 3 credits will count toward Area I Requirements; see page 17) 12
   a. History and Lit. of 20th Century (MU 306) 3
   b. Other Music History selected from MU 305, 307, 309, 310 9
   **Total** 40

   1. Performance Emphasis Requirements

      CREDITS
      1. General University and Basic Core Requirements (including 3 credits of Music History in Area I) 29-32
      2. Music Requirements:
         A. Music Core 38-40
         B. Lower Division Performance Studies 14
            1. All Performance Majors will take 2 credits of Performance Studies the first semester.
            2. Freshman Year and perform a 4-credit jury prior to enrolling in 4-credit performance studies second semester.
         C. Upper Division Courses 29-34
            1. Performance Studies 16
            2. Keyboard Harmony and Basic Improvisation 4
            3. Counterpoint 4
            4. Choral or Instrumental Conducting 1
            5. Major Instrument Literature 2
            6. Major Instrument Pedagogy I & II 4
            7. Advanced Form and Analysis 2
            8. Senior Recital 2
         CREDITS 12-16
         A. Organ Majors must include MU 413, 414, 4 cr.
         B. Voice Majors must include 1 semester of MU 147, 1 credit
         C. Other electives may be chosen from any area.
         **Total** 128

SCHOOL OF ARTS & SCIENCES

Music
II. Theory-Composition Emphasis Requirements

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
      Performance Minor Studies (To be piano, unless major is a keyboard instrument) ....... 8
   C. Upper Division Courses .............................. 32
      Performance Major Studies ......................... 4
      Advanced Form and Analysis ....................... 2
      Band and Orchestra Arranging ..................... 4
      Canon and Fugue .................................... 2
      Choral and Instrumental Conducting ............... 2
      Continuo Realization and Improvisation .......... 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 .............................. 23
      Performance Major Studies ......................... 8
      Band & Orchestra Methods & Materials .......... 2
      Band Arranging .................................... 2
      Choral and Instrumental Conducting ............... 2
      Choral Methods and Materials ..................... 2
      Instrumental Techniques and Methods .......... 4
      Teaching Music in the Elementary Classroom .... 2
      One-half Senior Recital ............................ 1
   D. Education School Requirements .................. 12
      (General Psych — Area II) ......................... (3)
      (Educational Psych — Area II) ..................... (3)
      Foundations of Education ........................... 3
      Secondary School Methods ........................ 3
      Practice Teaching ................................ 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.
* Not required of Piano, Voice or Guitar Performance Emphasis Majors.
* 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 specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must either be currently certified as a secondary school music specialist or agree to begin the process toward attaining this certification while working on the degree. Before Advancement to Candidacy can be granted, the student must ordinarily show eligibility for certification by the State of Idaho (or any other State). Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university, and 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. The student's Advisor will consult with the student about action towards remedying any deficiencies. Any undergraduate course used to make up the deficiencies will not count toward the Master's Degree. A student who has any deficiencies will be granted Provisional Status only, in the graduate program; when all deficiencies are removed, he may then seek Regular Status. A description of the material covered on these examinations is available from the Music Department.

Course Offerings*

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 the fall and spring 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 attendance per semester: 10 sessions for all Music Majors; 6 sessions for all Music Minors. As a part of this course, attendance at a minimum of 5 Music Department-sponsored, on-campus concerts-recitals is required. Participation in the concert-recital will not constitute attendance for meeting this requirement. Each semester.

Students planning to enroll in upper division performance studies (MA-300 levels) must have completed two years or equivalent of the lower division level and must have passed the Junior Standing Proficiency Exams for those studies. All MA courses may be repeated for credit. Students transferring into the Music Department as music majors from some other college, university or conservatory, or from another department within BSU and requesting advanced standing in performance must successfully complete a performance examination before a faculty jury prior to the possible granting of such advanced standing. Details may be obtained from the music office.
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 aural 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 levels is introduced and developed as it relates to upper position work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Each semester.

328 Jazz Guitar Class (1 credit) A course in jazz improvisation for the guitarist with at least 1 year of playing experience. The use of the guitar in jazz is approached within a historical perspective beginning with the 1930's. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either semester.

446 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 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.

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. Enrollment is by audition and Music Department approval. Maximum credits: ME 101 or ME 301, 8 cr. Each semester.

105, 305 Meistersingers (1 credit) Essentially a course in unaccompanied singing which is open to all college students. The Meistersingers is the concert-touring choir of the University. Concurrent enrollment in ME 105, 305 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 be studied in depth through intervalic analysis and functional harmonic relationships. Theoretical principles of vocal and instrumental music 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.

120, 320 Band (1 credit) An elective open to all students who can play a band instrument. Maximum credits: ME 120 and or ME 320, 8 cr. Each semester.

126, 325 Brass Ensemble (1 credit) A course designed to promote playing in and increasing repertoire knowledge for brass ensembles. A public performance is required each semester. Maximum credits: ME 126, and or ME 325, 8 cr. Prerequisite: permission of instructor. Each semester.

126, 328 Jazz Ensemble (1 credit) A course designed to promote playing in and increasing repertoire knowledge of jazz ensemble. Includes performances of Dixieland, be-bop, swing, big-band jazz, rock, and contemporary concert jazz. Class rehearsals will include study and discussion of problems of rhythm, notation, improvisation, ear training, and chord construction in jazz. A public performance will be required each semester. Prerequisite: consent of instructor. Maximum credits: ME 126 and or ME 328, 8 cr. Each semester.

130, 330 Woodwind Ensemble (1 credit) A course designed to promote playing in and increasing repertoire knowledge for small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 130, and or ME 330, 8 cr. Prerequisite: permission of instructor. Each semester.

140, 340 Percussion Ensemble (1 credit) A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester. Prerequisite: consent of instructor. Maximum credits: ME 140 and or ME 340, 8 cr. Each semester.

141, 341 Keyboard Percussion Ensemble (1 credit) In conjunction with the preparation of music for public performance, students will acquire a first-hand knowledge of phrasing, 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. Maximum credits: ME 141 and or ME 341, 8 cr. Each semester.
101 Music Fundamentals (1 credit). A course designed to promote playing in and increasing repertoire knowledge for small string ensembles. A public performance is required. Fall and Spring semesters. Maximum credits: ME 150 and/or ME 360. 8 credits. Prerequisite permission of instructor. Each semester.

102 Instrumental Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of ensembles or including guitar. Prerequisite. Second year proficiency. Instructor and permission of instructor. Maximum credits: ME 167 and/or 367. 8 credits. Each semester.

120 Functional Piano (2 credits). Class instruction for Music Education majors; open to all non-music majors. Learning to read music through study of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced. A remedial course for credit majors. Each semester.

119 Materials of Music I (3 credits). This course includes music fundamentals (notation, intervals, triads, scales and modes, key signatures); melody cadences, melody construction and decoration, 2- and 3-voice textures (linear and vertical aspects); homophonic textures; diatonic chords and harmonic structures. Prerequisite: Previous or concurrent enrollment in Music I and II. Fall semester.

120 Materials of Music II (3 credits). This course includes 4-voice textures (linear and vertical aspects); homophonic textures; diatonic chords and harmonic structures; cadences, inventions, dominant sevenths and secondary dominants; a cursory survey of binary, ternary and through-composed forms. Prerequisite: Materials of Music I and II and which emphasizes auditory training in scales (including the modes and major and minor) and all the intervals. The course includes drill in sight-singing and singing leading up to aural recognition of 3-part and 4-part structures. Students are expected to play at the keyboard. Prerequisite: Previous or concurrent enrollment in Materials of Music I and II. Fall and Spring semesters.

121-122 Beginning Ear Training (1 credit). A course designed to correlate with Materials of Music II and which emphasizes auditory training in scales (including the modes and major and minor) and all the intervals. The course includes drill in sight-singing and singing leading up to aural recognition of 3-part and 4-part structures. Prerequisite: Completion of Music I and II. Fall and Spring semesters.

133 Introduction to Music (3 credits). An elective course open to all students and fashioned to familiarize the listener with a variety of musical expression. The emphasis is laid upon the enjoyment of music through the understanding of recorded and live music. Each semester.

147 Survey of Opera and Music Theatre (1 credit). An historical survey of the development and growth of opera and music theatre through chronological study of scores, recordings, sound films, and library resource materials from the beginning of the Baroque period to Contemporary Modern Opera and Music Theatre compositions. Prerequisite: Materials of Music IV. 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 other studies. Building of a repertoire of songs and duets useful in teaching a variety of chord structures, simplified music and techniques useful in teaching classroom music. Prerequisite: Materials of Music II MU120. One year of piano study recommended prior to enrollment. May be repeated once for credit. Each semester.

219 Materials of Music III (3 credits). This course is a continuation of 4-part textures begun in MU 120. It includes diatonic sevenths; introduction to altered chords, the augmented sixth and Neapolitan chords; cantus firmus techniques; counterpoint and composition. Prerequisite: MU 120 and equivalent competency and piano per MU 119. Spring semester.

220 Materials of Music IV (3 credits). This course includes introductions to inventions of fugue, counterpoint, and thirteenth century melody and harmony; atomity and serial techniques; compositional skills of the above. Prerequisite: MU 219 or equivalent competency and piano per MU 119. Spring semester.

221-222 Advanced Ear Training (1 credit). A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, solfeggio and dictation in two, three, and four parts. Students will be expected to play at the keyboard, the more simple modifications, composed from forms of the basic chords in four parts. Prerequisite: Materials of Music II MU120. Beginning Ear Training MU-121 and MU-122, and at least one year of piano, or concurrent piano study. Fall-Spring semester.

257 String Instrument Techniques and Methods (2 credits). Primarily for Music Education Majors. This course deals with methods and materials of string-class teaching in the public schools, providing the student with a basic performing technique on two or more of the orchestral string instruments: violin, viola, cello, and string bass. 1 hour lecture, 2 hours lab per week. Fall semester.

261 Basic Conducting (1 credit). Fundamentals of 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 deals with methods and materials of 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 per week. Prerequisite: Consent of the instructor. Either semester.

306 History and Literature of the Medieval and Renaissance Eras (3 credits). The student will learn to play in strict four-part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and be instructed in the basic materials for improvising at the piano and organ. Prerequisite: Materials of Music II MU-120 and completion of MU-221 and MU-222 for student majoring in piano or organ. Either semester.

308 History and Literature of the Baroque Era (3 credits). The development of understanding, style and characteristics of music of this period through period reading, analysis and discussion. Works from the Gabriels 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 this course. Attention will be given to the evolution of classical forms through form reading, analysis and discussion. Prerequisite: Materials of Music II MU-120. Fall semester.

312-313 Keyboard Harmony and Basic Improvisation (2 credits). The student will learn to play in strict four-part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and be instructed in the basic materials for improvising at the piano and organ. Prerequisite: Materials of Music II MU-120 and completion of MU-221 and MU-222 for student majoring in piano or organ. Either semester.

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, using the five classic species of counterpoint. If time permits the writing will be extended to include five and six parts and other compositions in the style. Prerequisite: Materials of Music IV MU-220. Fall 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 and techniques 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 basic performing techniques. 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 accomplishment skills, elementary skills, elementary choral theory, melody playing, proper hand position and note reading. Musical material is drawn from popular and folk styles useful in elementary classes. Maybe repeated once for credit. Either semester.

or the conductor to more adequately understand and communicate the musical language of the period. Basic historical background of the specific works considered embrace compositions for small ensembles as well as large.

The stylistic periods considered in this study are: the Baroque, the Classical, the Romantic, and the Contemporary. Band transcriptions will be emphasized in the study. The works considered will be performed and analyzed. An analysis will be made of representative instrumental works of four composers: Bach, Mozart, Beethoven, and Mahler.

Emphasis will be placed on facets of interpretation that would enable the performer to make intelligent music choices that conform to the scholarly interpretation of the literature and that would enable the performer to communicate the intended message of the composer. The emphasis will be on the various techniques of interpretation: performance practice, analytic techniques, and the reading of primary source materials. The course will also cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance. The course will also cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance.

602 Advanced Conducting (3 credits). Designed for secondary school music teachers, this course will provide an opportunity to discover and analyze new directions in conducting. The course will cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance. The course will also cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance.

603 Introduction to Research Materials in Music Education (3 credits). Designed for music majors or those requiring a special background in music education, this course will cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance. The course will also cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance.

601 History of Music in the United States (3 credits). Designed for either the non-specialist or specialist in music, this course will survey the role music has played in the development of the American culture. Among the topics covered will be the music of the early settlers, the music of the frontier, and the music of the industrial age. The course will also cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance.

604 Music Seminar (2 credits). A seminar project under faculty direction. Prerequisite: Senior standing. Either semester. The minimum requirement is 2.0. The course will cover the practical aspects of conducting, including the ability to rehearse an ensemble and to lead a performance.

DEPARTMENT OF PHYSICS, ENGINEERING AND PHYSICAL SCIENCE

Chairman and Professor: Dr. Gary R. Newby, Professor: Dahm, Associate Professor: Reimann, Smith. Assistant Professors: Carlson, Hahn, Luke, Severance, Assistant Professors: Allen, Parks. Raimann, Smith.

ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS degree in engineering is 4 years and the following program is designed to do this along with 2 years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take 4 1/2, 5 years or more to earn the degree. Therefore, a convenient option based on 3 years at
SCHOOL OF ARTS & SCIENCES
Engineering

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E-101-102)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Chemistry (C-101-102)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M-112-206)</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Engineering Fundamentals (EN-107-108)</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming (EN-104)</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Physics I (PH-220)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>14</td>
<td>17</td>
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COMMON SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics II and III (PH-221-222)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Wave Motion and Heat Lab (PH 223)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Electricity and Magnetism Lab (EN-224)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Humanistic-Social Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Mechanics (EN-205)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Electrical Engineering (EN-221)</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M-206)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Engineering Math (M-321)</td>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>(Branch Variation - See Below)</td>
<td>17</td>
<td>16-18</td>
</tr>
</tbody>
</table>

*Electrical Engineers taking EN 223 will not take EN 224 (PH 224). All other branches will take EN 224.
**During first semester, Chemical Engineers substitute C-217. Civil Engineers substitute EN-215.

Branch Variations:

Agricultural Engineering

- Life Science Elective          | 4        |
- Dynamics of Rigid Bodies (EN-206) | 2        |

Civil Engineering

- Dynamics of Rigid Bodies (EN-206) | 2        |
- Engineering Measurements (EN-216) | 2        |
- Humanistic Social Elective      | 3        |

Mechanical Engineering

- Dynamics of Rigid Bodies (EN-206) | 2        |
- Principles of Economics (EC-201) | 3        |

Chemical Engineering

- Organic Chemistry (C-317)        | 3        |
- Principles of Economics (EC-201) | 3        |

Electrical Engineering

- Network Analysis (EN-223)         | 4        |
- Humanistic Social 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 many students to complete a third year before transferring. Consult an engineering staff advisor for details.

PHYSICS

A Baccalaureate Degree is not yet offered in Physics. However, with the PH-220 through PH-224 series, three upper division Physics courses, related Mathematics courses and required Humanities and Social Science courses, a student could complete 2 or 3 years at 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.

COURSES
PHYSICS

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.

Grades

601 Basic Physical Science for Elementary Teachers (3 credits). An introduction to the basic ideas of physical science including matter, motion, energy, electricity, magnetism, heat, light, sound, wave motion, atomic energy, and astronomy. Elementary concepts to 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 pre-dental and pre-med students. Three lectures and one 3-hour laboratory period per week. Prerequisite: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics (3 credits). A course designed primarily for those who are studying to be X-Ray or radiologic technicians. Topics covered will be fundamental physical units, energy, electricity and magnetism, atomic and nuclear physics, X-Ray production, radiation shielding and detection, radiography, isotopes, and health physics. Summer session.

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 and one two-hour laboratory. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-science majors. Each semester.

207 Introduction to Biophysics (4 credits). A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used in lab to study biological systems. Three 1-hour lectures and one 3-hour lab. Prerequisite: It is recommended that the students have taken Math 111 or 115 or its equivalent.


221 Physics II — Wave Motion and Heat (3 credits). Wave motion on strings, waves, and acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the first and second laws of thermodynamics. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH 220. Either semester.

222 Physics III — Electricity and Magnetism (3 credits) Coulomb's law electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH 220, M-205. Either semester.

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 circuits, and instrumentation. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 222. Spring semester.

Upper Division

301 Electronics Lab (3 credits). Electrical measurements, power supplies, amplifier circuits, oscillators, servosystems, and electronic switching and timing. One 1-hour lecture and two 3-hour laboratory periods per week. Prerequisite: PH-222 and PH-224. Fall semester.

311-312 Modern Physics (3 credits). A brief introduction to the special theory of relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic and nuclear physics, and properties of matter. Three lectures per week. Prerequisites: PH-221, PH-222, C-102 or C-112. Corequisite: M-321 or M-311. Each semester.
The Seminar is not applicable to public administration area of emphasis.

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 Federal Government
   - PO 431 American Political Theory
   - PO 441 Western Political Theory I
   - PO 442 Western Political Theory II
   - PO 451 Comparative Legal Systems
   - PO 498 Senior Seminar (Scope and Method of Political Science)

2. **Upper Division Courses (33 credits)**
   - PO 301 American Parties and Interest Group Politics
   - PO 401 Constitutional Law
   - PO 431 American Political Theory
   - PO 441 Western Political Theory I
   - PO 442 Western Political Theory II
   - PO 451 Comparative Legal Systems
   - PO 498 Senior Seminar (Scope and Method of Political Science)

### 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 Federal Government
   - PO 102 State and Local Government
   - PO 141 Contemporary Political Ideologies
   - PO 221 Voting Behavior and Public Opinion
   - PO 229 Comparative European Governments and Politics
   - PO 231 International Relations

2. **Upper Division Courses (27 credits)**
   - PO 301 American Parties and Interest Group Politics
   - PO 303 Introduction to Public Administration
   - PO 412 Legislative Behavior
   - PO 401 Constitutional Law
   - PO 431 American Political Theory
   - PO 498 Senior Seminar (Scope and Method of Political Science)

### 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 Federal Government
   - PO 102 State and Local Government
   - PO 141 Contemporary Political Ideologies
   - PO 229 Comparative European Governments and Politics
   - PO 231 International Relations

2. **Upper Division Courses (30 credits)**
   - PO 303 Introduction to Public Administration
   - PO 310 Public Finance
   - PO 320 American Policy Processes
   - PO 325 Regional Administration
   - PO 465 Comparative Public Administration
   - PO 487 Administrative Law
   - PO 497 Organization Theory and Bureaucratic Structure

### 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.
study or teaching minors of 15 credits each chosen from the other social science fields.

30 Credit Hour Program - 24 credit hours required courses:
  PO 101 Federal Government ......... 3 credits
  PO 102 State & Local Government ....... 3
  PO 221 Voting Behavior and Public Opinion ...... 3
  PO 231 International Relations ........ 3
  PO 229, 324, or
  333 Comparative Government .......... 6
  PO 431, or
  441, or
  442 Political Theory ........... 6

Plus upper division Political Science electives ....... 6

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15 Credit Hour Emphasis - 9 credit hours required courses:
  PO 101 Federal Government ......... 3 credits
  PO 231 International Relations ...... 3
  PO 431 and/or
  442 Political Theory ................ 3-6

Plus 3-6 hours of appropriate upper division
Political Science courses to be worked out
with advisor according to major field of emphasis ....... 3-6

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THE DEGREE OF MASTER OF
PUBLIC ADMINISTRATION

Department of Political Science

The Master's degree in Public Administration is an interuniversity 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 the 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 participating universities. Acceptance by any of the three universities admits a student into the MPA program. A matriculated student should complete graduate studies at the institution which offers the area of specialization which he or she wishes to emphasize. The specific program which each student will pursue will be established by an advisory committee consisting of three faculty members, one of whom will be from a university other than that of the chairman of the student's advisory committee. No specific undergraduate program is required in preparation for the MPA program. It is anticipated that students will come from widely differing academic preparations.

However, some coursework in humanities and social sciences (political science, sociology, economics and psychology) is essential to the foundation of the MPA program for all students; also a student must provide evidence of proficiency in skills of statistics, data processing, or accounting, either through undergraduate preparation or previous work experience. Deficiencies in these areas will be made up outside of the required curriculum. A student may be required to remove other deficiencies related to specified areas of emphasis in the MPA program, as determined by the Inter-University Committee.

Specific Admission Requirements for Applicants to the MPA Program

All applicants to the MPA program at Boise State University must meet the following requirements prior to enrollment in MPA courses:

A. Possession of a baccalaureate degree from an accredited institution.

B. Demonstration of satisfactory academic competency by attaining an overall GPA of 2.75 and recommendation for admission by the Department of Political Science. Students with a lower GPA may be admitted on provisional status on recommendation of the Department of Political Science with approval of the Graduate School. Final determination on the retention in the MPA program of a student with provisional status will be made after the completion of twelve (12) credits of approved study, with the general requirements of a grade of "B" or better in the course work taken.

C. Receipt of three letters of personal evaluation from individuals qualified to evaluate the applicant's academic potential. Evaluators may include current or former employers, as well as professors. The letters are to be addressed as follows: Chairman, Department of Political Science, Boise State University, Boise, Idaho 83725.

D. Submission of a brief statement by the applicant indicating his/her career objectives and the area of emphasis to be undertaken in the Master of Public Administration program.

E. Completion of the following prerequisite courses in undergraduate preparation or their equivalent (applicable to all students applying for admission to the MPA program):

1. Federal Government - 3 semester credits
2. State-Local Government - 3 semester credits
3. Introduction to Public Administration - 3 credits
4. At least three semester credits in each of two of the following areas:
   a. Sociology
   b. Economics
   c. Psychology
5. At least three semester credits in one of the following areas:
   a. Accounting
   b. Data Processing
   c. Social Statistics
6. For those students selecting "Human Services Administration" as their "area of emphasis" for specialized preparation in Public Administration, at least 9 semester credits in Sociology.
7. For those students selecting "Criminal Justice Administration" as their "area of emphasis" for specialized preparation in public administration, at least 9 semester credits in Criminal Justice.

Students who are deficient in any of the prerequisites indicated above must remove these deficiencies prior to enrollment in MPA graduate-level courses for credit.

The student may be required to remove other deficiencies as determined by the Inter-University Committee established for administrative coordination of the MPA program.
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" may vary among the universities according to the resources and competencies which exist in the respective departments. Moreover, the MPA envisages further development of "areas of emphasis" and expansion of available courses as additional resources become available and the cooperative relationships among the three universities are further developed. The listing of "areas of emphasis" represents a collective enumeration of all optional areas which currently are available or are planned for future development at all of the cooperating universities. A description of these areas of emphasis which are presently operational at each institution and admission forms to the MPA program are available through the chairmen 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":
   a. Administrative Theory, Organization and Behavior
   b. Public Management Techniques
   c. Public Policy and Policy Analysis

2. At least one course from each of two of the following "core areas":
   a. Administrative Law
   b. The Executive and the Administrative Process
   c. Intergovernmental Relations
   d. Community and Regional Planning
   e. Comparative Public Administration and Planning Systems

3. A sixth course is to be selected also from any one of the eight "core areas" listed under items one and two above.

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

C. Public Policy and Policy Analysis
   MB-541 PERSONNEL POLICY
   MB-542 COMPUTER APPLICATIONS FOR MANAGEMENT

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
   PO-465 (G) COMPARATIVE PUBLIC ADMINISTRATION

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
SCHOOL OF ARTS & SCIENCES
Courses PO

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 reappointments. Each semester.

141 Contemporary Political Ideologies (3 credits). An examination of liberalism, communism, fascism, and Nazism, with emphasis on the principal ideas characterizing each "ideology." Each semester.

221 Voting Behavior and Public Opinion (3 credits). The course will explore the development of public opinion and electoral behavior. Empirical research from a variety of fields will be used in an attempt to understand and analyze the factors that mold popular attitudes and political behavior. Fall semester.

229 Comparative European Governments and Politics (3 credits). A comparative study of the political systems of selected European nation-states, including Great Britain, France, the German Federal Republic, Italy, and the Scandinavian states. The patterns of political culture, political interest, 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, imperialism, communism, a study of the problem of national sovereignty and its relation to international cooperation. Prerequisite: Federal Government PO-101. Each semester.

Upper Division

301 American Parties and Interest Group Politics (3 credits). The major objective of this course is to develop an understanding of the nature, functions, organization, and activities of political parties and interest 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 organization and lobbying activities of the major American interest groups. Fall semester.

303 Introduction to Public Administration (3 credits). Theory, administrative organization, functions and problems of public governmental units. Prerequisite: Federal Government PO-101. Fall semester.


311 Comparative Foreign Policy (3 credits). A comprehensive study of the political institutions, concepts, values, and methods of international politics relevant to the principal nation-states; examination of foreign policies and objectives of the world's major powers; analysis of contemporary international problems: consideration of theories of international politics. Prerequisite: Federal Government PO-101 or International Relations PO-231 or consent of instructor and approval of Department Chairman. Fall semester.

320 American Policy Process (3 credits). An examination of the process through which policy is determined, implemented, and adjusted, with emphasis on the role of administrators. Prerequisite: PO 303. Either semester.

324 Comparative Communist Party-State Systems (3 credits). A comparative study of the political systems of the Soviet Union, Eastern Europe, People's Republic of China, and other Communist Party States. Selected topics and problems relating to the political institutions and political processes will be presented for defining the patterns of political relationships in these states. Attention is to be given to questions of political theory and political determinants in the development of Communist Party-States. Prerequisite: Federal Government PO 101 or consent of instructor and approval of Department Chairman. Fall semester.

328 Regional Administration (3 credits). Survey of the organizational arrangements developed for planning, providing services, and for regulating resources across city and state boundaries. Intergovernmental relations and metropolitan regions will be emphasized. Prerequisites: PO-102. PO-303. Either semester.

330 Issues in Public Personnel Affairs (3 credits). Survey of the public personnel system, including evolution of the merit system, political control of the bureaucracy, compensation plans, employee relationships and unions. Prerequisite: PO 303. Either semester.

333 Comparative Governments and Politics of Developing Nations (3 credits). A study of the political systems of selected nations in the developing areas of the world, including nation-states in Africa, Asia, and Latin America. The patterns and problems of political development and modernization in the nations will be analyzed. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Fall semester.

335 United States Foreign Policy (3 credits). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments on the formulation of foreign policies. Spring semester.


412 Legislative Behavior (3 credits). An analysis of the behavior of American state and national legislatures. Special consideration will be given to the impact of constituencies, parties, interest groups, interpersonal relations, and other related factors upon legislators, and the role of the legislature in the American political system. Prerequisite: Federal Government PO-101. Spring semester.

421 International Law (3 credits). Law of peace, international intercourse, war and threat of war, Pacific settlement, principles and practices of international law and their application to international affairs. Prerequisite: Federal Government PO-101 and International Relations PO-231. Fall semester.

COURSES

PO POLITICAL SCIENCE

Lower Division

101 Federal Government (3 credits). A study of the institutions and processes of the
422 International Organization (3 credits). Historical background; the League; basic problems of international relations; the United Nations. Prerequisite: Federal Government PO 101 and International Relations PO 231. Spring semester.

431 American Political Theory (3 credits). The genesis and development of political thought in the United States from the colonial period to the present. Fall semester.

441 Part I Western Political Theory (3 credits). The development of political thought from Machiavelli. Fall semester.

442 Part II Western Political Theory (3 credits). The development of political thought since Machiavelli. Prerequisite: Part I Western Political Theory PO 441. Spring semester.

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, relationships to political and economic systems, and basic juristic concepts. Prerequisites: Federal Government PO 101, Contemporary Political ideologies PO 141, and Comparative European Governments and Politics PO 259 or consent of instructor and approval of Department Chairman. Spring semester.

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, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business are also included. This is a required field experience course at the Department of Management and Finance and is also designated as GB 441 for students undertaking a major program in General Business. Prerequisites: PO 101 and PO 303. Spring semester.

466 Comparative Public Administration (3 credits). Systematic examination and comparison of the varied models and theories of administrative systems. The course will cover international, comparative, and functional studies. (Students enrolled in this course for graduate level credit will be assigned special requirements on preparation.) Prerequisite: Undergraduate students: PO 303. Either semester, offered in alternate academic years. Offered 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 the agencies through investigation and hearings, as well as judicial decisions and precedents relating to administrative activities. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite: Undergraduate students: PO 101, PO 102, and PO 303. Either semester, offered in alternate academic years. Offered in 1975-76, each semester.

469G Intergovernmental Relations (3 credits). An examination of intergovernmental 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: 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 sociopolitical analysis of the theories and concepts of complex social organizations; the application to public administration and the interrelationship between political science and sociological organizational theory. (Students enrolled in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite: Undergraduate students: Upper Division standing and consent of instructor. Either semester.

488 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.

(The 400 level courses identified with (G) are offered for graduate credit.)

Graduate


511 Program Evaluation and Quantitative Analysis (3 credits). The application of social science research to administrative problems, including project evaluation, gathering, analyzing, and interpreting data. Theory and basic techniques underlying quantitative analysis of public programs. Either semester. Spring semester.

520 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 administrators. Either semester.

530 The Role of the Executive in Policy-Making (3 credits). A study of the American executive, including the president, the governor, and the mayor, with consideration given to changes in their institutional settings and role conceptions. An examination of the role of the executive in the policy-making process, including 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 available permits.

580 Selected Topics—Administrative Theory, Organization, and Behavior (3 credits).

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).

590 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 arrangements made for placement through the chairman of the Department of Political Science.

593 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 Independent Study (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. Either 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 nature and grounds of moral behavior. Various solutions are offered to the question, "What ought one to 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 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 relationship 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, and Williams 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 the Reformation (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 individuality in the world, yet the rational mind strives for objectivity. The clash between the two leads man to ask the very basic questions, "Who am I?" and "What is my relationship to the external world?" Existentialism is another 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 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 Professor: Mrs. Irene A. Wilcox; Assistant Professors: Beck, Huff, Panitch; Visiting Professor: VanOrman.

Clinical Associates: Sue Waldman, Health and Welfare; Ulisse C. Pardini, Health and Welfare; Adele Werner, Idaho Office of Aging; Connie Bradley, Health and Welfare; Charles Hansen, Veterans Administration Hospital; Art Dodson; Casey Family Program; Elinor Jacobson, Casey Family Program; Melvin K. Melton, Veterans Administration Hospital; Gail Thompson, Health and Welfare; Cookie Atkins, Idaho Migrant Council; Julie Takevichi, Idaho Migrant Council; Barry Kurz, VA Hospital.

REQUIREMENTS FOR SOCIAL WORK MAJOR

Bachelor of Arts Program

General University and Major Requirements ..................................... 128

A. Lower Division Courses .................................................. 74

   English Composition ....................................................... 6
   Literature ........................................................................... 5
   Humanities ........................................................................... 6
   History ................................................................................ 6
   Lab Science or Math ............................................................. 12
   Speech .................................................................................. 3
   Economics .............................................................................. 3
   Intro-Sociology ...................................................................... 3
   Social Problems .................................................................... 3
   General Psychology ............................................................... 3
   State and Local Government .................................................. 3
   Intro-Social Work ................................................................. 3
   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

COURSES

SW SOCIAL WORK

Lower Division

101 Introduction to Social Work (3 credits) Survey of the field of social welfare, and the need for social services in society. Social work function and career opportunities. Required for social work major. Each semester.

201 Elementary Social Work Processes (3 credits) This course is an introduction to communication skills and interviewing techniques which 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.

Upper Division

301 Social Welfare (3 credits) Social welfare as an institution Man and his needs, public vs. private social responsibility. Prerequisite: Introduction to Sociology, SW-101. Each semester.

321 Normal Social Functioning (3 credits) A review of human behavior with special emphasis on observation and understanding for social workers. Required for social work majors. Prerequisite: SW 101. Each semester.

385 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.


SCHOOL OF ARTS & SCIENCES

Social Work

480, 481 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 this 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: Dr. Patricia M. Dorman, Associate Professors: Christensen, Harvey, Paveic, Scheffer; Assistant Professors: Baker, Corbin, Cox, Hopfenbeck, Marsh, Taylor; Visiting Professor: Ames.

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 pages 17-18 except:

A. Criminal Justice majors are required to take ........................................ 64

Defensive Tactics ................................................................. 1
Fundamental Concepts of Math ............................................... 4
Fundamentals of Speech-Communication .....................................
Contemporary Economic Problems ........................................ 3
Federal Government .............................................................. 3
State and Local Government ................................................... 3
Principles of Accounting .......................................................... 3
Business English ................................................................. 3

B. Major Requirements ............................................................... 18

Lower Division .........................................................................

Law Enforcement in Modern Society ........................................ 3
Patrol Administration .............................................................. 3
Jail 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
Contemporary Law Enforcement Problems .............................. 3
Comparative Law Enforcement Administration, or Introduction to Criminalistics ...................................................
Abnormal Psychology ............................................................... 3
Juvenile Delinquency ............................................................... 3
Criminology ........................................................................ 3

C. Electives ........................................................................... 16-18

Upper Division Criminal Justice (Electives) ......................... 6
Upper Division (Electives) ..................................................... 10-12

* The following courses are strongly recommended: Judo, Self Defense
** Required of students who do not meet competency standards

73
ASSOCIATE OF SCIENCE

CREDITS

A. Criminal Justice majors are required to take: 38-41

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<td>Contemporary Economic Problems</td>
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<td>Federal Government</td>
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<td>State and Local Government</td>
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B. Major Requirements 18

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<td>Law Enforcement in Modern Society</td>
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<td>Jail Administration</td>
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<td>Law of Criminal Evidence</td>
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<td>Vice and Organized Crime</td>
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</tr>
<tr>
<td>Criminal Investigation</td>
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</table>

C. Electives to bring total credits to 64

*The following courses are strongly recommended: Judo, Self Defense
**Required of students who do not meet competency standards.

REQUIREMENTS FOR SOCIAL SCIENCE MAJOR

Bachelor of Arts Program

I. Liberal Arts Option

1. General College and Basic Core requirements:
2. Social Science requirements:

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<td>Economics</td>
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<td>History</td>
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<td>Political Science</td>
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<td>Sociology</td>
<td>3</td>
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<tr>
<td>Social Science Electives</td>
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II. Upper Division Courses (Choose from the following combinations to bring total credits to 24)

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<td>Economics</td>
<td>3</td>
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<tr>
<td>History</td>
<td>3</td>
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<td>Political Science</td>
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<tr>
<td>Sociology</td>
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</table>

REQUIREMENTS FOR SOCIOLOGY MAJOR

1. General University and core requirements to meet either Bachelor of Arts or Bachelor of Science Program* as given on page 16-18.
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:

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Introduction to Sociology</td>
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<tr>
<td>Elementary Social Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Social Research</td>
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<tr>
<td>History of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Current Sociological Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>Sociology Seminar</td>
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</table>

Group I Courses 3

- Population
- Sociology of the Family
- Sociology of Religion or Racial and Cultural Minorities
- Sociology of Aging

Group 2 Courses 3

- American Society
- Social Institutions
- Social Stratification
- Industrial Sociology
- Rural Community
- Urban Community

The following courses are strongly recommended:

- HY 102, 103 - History of Western Civilization
- Mathematics — 8 hours
- P 101 — Introduction to Psychology

Group 3 Courses 3

- Social Change
- Social Psychology
- Organizational Theory & Bureaucratic Structure

Group 4 Courses 3

- Deviant Behavior and Social Control
- Juvenile Delinquency
- Criminology or 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.

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<th>CREDITS</th>
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<tr>
<td>U.S. History</td>
<td>6 hours</td>
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<tr>
<td>American Government</td>
<td>3 hours</td>
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<tr>
<td>Electives to complete a total of 128 credit hours, including 40 upper division credit hours</td>
<td>0-21</td>
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</table>

15 Hour Emphasis for Social Science Secondary Education options. To include So-101 Introduction to Sociology and at least 6 upper division hours.

15 hour Anthropology emphasis in Social Science - Secondary Education options

Required courses 9 credit hours

- AN-202 Cultural Anthropology
- AN-201 Physical Anthropology
- AN-311 Peoples and Cultures of the World

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.

SURVEY COURSES

AN ANTHROPOLOGY

LOWER DIVISION

201 Physical Anthropology (3 credits). 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). 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

303 Old World Prehistory (3 credits). An in-depth study of the evolution of man and the development of culture. The course traces man's development from the first known evidence of cultural behavior (ca two and a half million years ago), the development of man into the "Ice Age" the spread of man throughout the Old World, the domestication of plants and animals, and the rise of civilization. Prerequisite: CR201, upper division status, or consent of instructor. Either semester.

307 Indians of North America (3 credits). A general survey with emphasis on the description and analysis of native cultures and the role of environment and historical factors in North America. Prerequisite: AN 202, 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 supernaturalism considered with a view toward environmental adjustment, historical developments and functional interrelations. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

315 Indian Peoples of Idaho (3 credits). A study of the prehistoric and recent cultures of the native peoples of Idaho. Topics will include the interpretation of ancient Idaho cultures, the distinctiveness of the recent tribal groupings, and the relationship between past and present Idaho societies to those of the Great Basin, Interior Plateau and Northern Plains. Prerequisites: AN 202, upper division status, or consent of instructor. Either semester.

412 Archaeology of North America (3 credits). A survey of prehistoric cultures of North America north of Mexico. The course includes a history of ideas about native American origins and antiquities along with demonstrating regional societal complexity on the continent. 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.

421 Theory and Method in Archaeology (3 credits). A survey of the philosophical and theoretical foundations of archaeology. Includes the developments in methodology and theoretical advances as applied to archaeological research. Prerequisite: AN 203, upper division status, or consent of instructor. Spring semester.

CR CRIMINAL JUSTICE ADMINISTRATION

LOWER DIVISION

201 Law Enforcement in Modern Society (3 credits). A study of the law enforcement agencies as an institution, institutionalization, and the relationship to society; general overview of the administration of justice. Each semester.

212 Jail Administration (3 credits). Historical development of local detention facilities present and future trends of operation and administration. Operation of programs for the sentenced misdemeanor, first offenders, female and juvenile offenders. Special problems relative to inmate social interaction and supervision of prisoners. Prerequisite: CR 201. Fall semester.

216 Petrol Administration (3 credits). The Petrol function as the fundamental police operation multi-level decision and policy making processes, determination of functional areas of petrol responsibility. Prerequisite: CR 201. Fall semester.

226 Vice and Organized Crime (3 credits). The history, cause, nature, and control of vice and organized crime are studied. Prerequisite: CR 201. Spring semester.

231 Criminal Investigation (3 credits). Designed to acquaint the student with investigation as it involves the application of the investigative process in criminology, discovery and preservation of evidence, investigative report organization and content of investigative reports, and evidentiary proof of the elements of crime. Prerequisite: CR 201. Spring semester.

275 Law of Criminal Evidence (3 credits). Presentation of the laws and rules of evidence, burden of proof, exclusionary rule, presumption, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. Prerequisite: CR 201. Fall semester.

SOCIETY OF ARTS & SCIENCES

SCHOOL OF ARTS & SCIENCES

Societal & Urban Studies


331 Probation and Parole (3 credits). Historical development, organization, operation, purpose and outcome of post-conviction release programs. Included will be probation, parole, work-release, and other aspects of program effectiveness. Review of the role of the probation and parole counselor within the program framework. Prerequisites: CR 201, P-101 and SO-101, upper division status. Spring semester.

340 Principles of Interviewing (3 credits). Familiarization with the elements of the interviewing process for law enforcement personnel. Included are both the counseling and interrogative aspects with a view to promoting effective and productive relationships within any interviewing situation. Prerequisite: CR 201, P-101, upper division status. Fall semester.

351 Police Organization and Management (3 credits). The principles of organization and management as applied to law enforcement administration, current and future problems in criminal justice administration. Special course materials cost $6.00. Prerequisite: CR-201, upper division status. Fall semester.

361 Correctional Administration (3 credits). History of correctional institutions, present and future trends of handling the offender in the community and through institutionalization. Review of the President's Task Force Report on Corrections. Organization and program structure within a penal institution. Prerequisite: CR 201, upper division status. Either semester.

380 Introduction to Criminalistics (3 credits). Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both basic and advanced criminalistics investigation and laboratory techniques. Prerequisite: CR 201, upper division status. (Alternate years). Spring semester.

411 Contemporary Law Enforcement Problems (3 credits). Exploration of current and anticipated administrative procedural areas of difficulty as they result from changing public opinion, employee needs and demands, court precedent and decision, and progressive developments and experimentation within law enforcement. Prerequisite: CR 201, upper division CJA standing. Spring semester.

420 Private and Industrial Security (3 credits). Philosophy and techniques of operation in the areas of security organization and management, investigations, physical plant and personnel security, and legal and jurisdictional limitations. Prerequisite: CR 201, upper division CJA standing. Fall semester.

461 Comparative Law Enforcement Administration (3 credits). An analysis and comparison of law enforcement systems at the Federal, State, and local levels, and international systems. Prerequisite: CR 201, upper division CJA standing. (Alternate years). Spring semester.

75 Introduction to Multi-Ethnic Studies (3 credits). A study of the relationships of these patterns to the larger society. Prerequisite: SO-101. Either semester.
250 Population (3 credits). The theory of population from Malthus to the present (1) Social factors that influence population size, such as birth control and inadequate housing; (2) composition of the population, past and present trends of populations. Prerequisite: Introduction to Sociology SO-101. Either semester.

305 Racial and Cultural Minorities (3 credits). An analysis of inter-ethnic contacts. The development of racial attitudes; theories relating to causal factors of prejudice and discrimination. Prerequisite: Introduction to Sociology SO-101 or General Psychology PSY-101 and upper division status. Either semester.

310 Elementary Social Statistics (3 credits). The application of measurements to social research data. Basic statistical measures, techniques for their application, meaning and use in research. Recommended for majors, to be taken in the Junior year and followed by SO 311. Prerequisite: SO-101, High School Algebra, upper division status. Fall semester.


325 Sociology of Aging (3 credits). Analysis aging as a social process, emphasizing the changing role as a societal concern, the demands made on and by society because of the way it defines and deals with age, and the problems created for society and for the aged as a result of values, attitudes and beliefs. Prerequisite: SO 101 and upper division status. Either semester.

331 Deviant Behavior and Social Control (3 credits). Analysis of the forms and causes of social deviancy how social systems control behavior through the socializing process, the sanction system and the allocation of prestige and power. Prerequisite: Introduction to Sociology SO-101 and upper division status. This course may be used as either Sociology or Criminology credit. Either semester.

351 Social Institutions (3 credits). Study of the basic institutions. An analysis of values, forms and behavior organized around the important goals of society. Prerequisite: SO-101, and upper division status.

361 Industrial Sociology (3 credits). Study of the social organization of work in industrial society with attention to internal human relations and to the external relations in the community and society. Prerequisite: SO-101 and upper division status. Either semester.

401 History of Sociology (3 credits). Presociological perspectives on society from ancient times to the present. Relationships of social thought and social structure. Theories of selected sociologists. Prerequisite: SO-101 and upper division status. Fall semester.

402 Current Sociological Perspectives (3 credits). Major theoretical issues in contemporary sociology: works of leading contemporary sociologists. Prerequisite: SO-101 and upper division status. Spring semester.

403 Social Change (3 credits). This course will study the factors which give rise to and influence the acceptance or rejection of innovations, and their effects on social institutions. Prerequisites: SO-101 and upper division status. Either semester.


415 Juvenile Delinquency (3 credits). A study of causation, treatment, and control of juvenile delinquency. Prerequisite: SO-101 and upper division status. This course may be used as a Sociology or Criminology credit. Either semester.

417 Criminology (3 credits). Sociology as applied to the study of "crime" as defined by the laws of society; the possible causes of criminal behavior and the way society attempts to control criminal behavior. Prerequisite: SO 101 and upper division status. This course may be used as a Sociology or Criminology credit. 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 1976-77.

424 Rural Sociology and the Emerging Nations (3 credits). The sociological study of rural life, the agrarian society and the problems of the emerging nations. Prerequisite: SO 101 and upper division status. Either semester.

426 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 cognition; 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: PSY 10 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 PQ 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.
### Theatre Arts Major

Bachelor of Arts Program

(Suggested Sequence: departmental requirements are indicated by asterisks)

#### Theatre Emphasis:

<table>
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<th>Freshman Year</th>
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<td>Laboratory Science</td>
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<tr>
<td>General Psychology*</td>
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<td>Introduction to Theatre*</td>
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<td>Technical Theatre*</td>
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<td>Art or Music</td>
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<td>Introduction to use of Books &amp; Libraries</td>
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<tr>
<td>Dramatic Literature*</td>
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<td>Stage Voice*</td>
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<tr>
<td>Shakespeare*</td>
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<tr>
<td>World Drama*</td>
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<td>Electives (Upper Division)</td>
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#### Secondary Education Emphasis:

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<td>Technical Theatre*</td>
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<tr>
<td>Electives</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
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<tbody>
<tr>
<td>Literature Elective</td>
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<tr>
<td>Dramatic Literature*</td>
<td>—</td>
<td>3</td>
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<tr>
<td>Western Civilization*</td>
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<td>Laboratory Science</td>
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<tr>
<td>Social Science Elective</td>
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<tr>
<td>Oral Interpretation</td>
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<td>Acting*</td>
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</tbody>
</table>

### Master's Degree in Secondary Education

#### Theatre Arts Emphasis

Admissions and Program

A. Entrance Requirement

The candidate must have an undergraduate major in Theatre from an accredited institution or successfully pass a diagnostic examination written and administered by a member of the Theatre Arts Department.

Course Offerings

A. Required Courses

1. TA-511 Theatre Research and Bibliography - 3 credits
2. TA-524 Twentieth Century Theatre - 3 credits
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107</td>
<td>Introduction to Theatre</td>
<td>3 credits</td>
<td>A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theater, dramatic literature, and techniques. Each semester.</td>
</tr>
<tr>
<td>117-118</td>
<td>Technical Theatre</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>122</td>
<td>Stage Make-up</td>
<td>3 credits</td>
<td>Investigation of and production analysis of stage make-up: the relationship of actor to play and audience; an integration of make-up and other technical aspects that influence this particular art. Practical application is stressed. Fall semester.</td>
</tr>
<tr>
<td>218-219</td>
<td>Acting</td>
<td>3 credits</td>
<td>Essays study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. One hour lecture, two hours lab per week required. Fall, Spring semesters.</td>
</tr>
<tr>
<td>220</td>
<td>Cinema: History and Aesthetics</td>
<td>3 credits</td>
<td>An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema when viewed as a unique art form. Selected motion pictures projected and discussed in class. Each semester.</td>
</tr>
<tr>
<td>230</td>
<td>Television: History and Aesthetics</td>
<td>3 credits</td>
<td>An examination of television as an entertainment medium from critical and historical points of view. Course includes a study of technical and dramatic types, the development of specialized programming, and the social and commercial influences on program content. Spring semester.</td>
</tr>
<tr>
<td>232, 432</td>
<td>Repertory Theatre</td>
<td>3 credits</td>
<td>The study and practice of theatre repertory with emphasis on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credit TA 232 and/or TA 432, 6 credits. Each semester.</td>
</tr>
<tr>
<td>311-312</td>
<td>Advanced Acting</td>
<td>3 credits</td>
<td>Intensive study in the problems of the actor in Classical Dramatic Literature, 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 218-219 or consent of instructor. Fall, Spring semesters.</td>
</tr>
<tr>
<td>321</td>
<td>Major Production Participation</td>
<td>1 credit</td>
<td>Significant participation in a major college production in some phase of technical theatre or acting or management. One hour of credit allowed per semester. Maximum 4 credit hours. Each semester.</td>
</tr>
<tr>
<td>333</td>
<td>Stage Voice</td>
<td>3 credits</td>
<td>Techniques and practice in the use of the voice in the theatre with emphasis on diction, projection, and vocal flexibility, as applied in work with actual scenes. Either semester.</td>
</tr>
<tr>
<td>334</td>
<td>Advanced Oral Interpretation</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>341</td>
<td>World Drama 500 BC-1570</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>342</td>
<td>World Drama 1570-1870</td>
<td>3 credits</td>
<td>Same as TA 341 except that the period covered is from 1570 A.D. through 1870. Alternate Spring semester.</td>
</tr>
<tr>
<td>343</td>
<td>World Drama 1870 to 1960</td>
<td>3 credits</td>
<td>Same as TA 341 except that the period covered is from 1870 to 1960. Alternate Spring semesters.</td>
</tr>
<tr>
<td>351</td>
<td>Elements of Scenic Design</td>
<td>3 credits</td>
<td>Major skills of beginning design. Included will be art techniques for theatre, research in major periods of scenic design, examination of major designers' works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118. Fall semester.</td>
</tr>
<tr>
<td>352</td>
<td>Costume Design</td>
<td>3 credits</td>
<td>Major skills of beginning costume design. Included will be art techniques for theatre, research in major periods of costume design, examination of major costume designers, works, and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate Spring semester.</td>
</tr>
<tr>
<td>362</td>
<td>Stage Lighting Design</td>
<td>3 hours credit</td>
<td>A study of the theories, principles and practices of stage lighting including both aesthetic concepts and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. Prerequisite: TA-117-118. Alternate Spring semesters.</td>
</tr>
<tr>
<td>401-402</td>
<td>Directing</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>421g-422g</td>
<td>Theatre History</td>
<td>3 credits</td>
<td>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 to the end of the 19th century. Fall, Spring semesters.</td>
</tr>
<tr>
<td>445</td>
<td>Contemporary Drama</td>
<td>3 credits</td>
<td>A study of world drama since 1960 with an emphasis on current research materials and techniques. Alternate spring semesters.</td>
</tr>
<tr>
<td>451</td>
<td>Theatre Theory and Criticism</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>461</td>
<td>Puppetry</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>467g-468g</td>
<td>Children's Theatre</td>
<td>3 credits</td>
<td>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 alternate years.</td>
</tr>
<tr>
<td>491</td>
<td>Senior Projects</td>
<td>3 credits</td>
<td>A culminating work for the theatre major. The student will completely research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formally written, fully documented thesis describing his production and the concept involved. Spring semester.</td>
</tr>
</tbody>
</table>

### Graduate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>511</td>
<td>Theatre Research and Bibliography</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>520</td>
<td>Graduate Theatre Practicum</td>
<td>1-3 credits</td>
<td>Supervised activity in performing, designing, and/or directing. May be repeated up to three credits. Prerequisite: Graduate Status.</td>
</tr>
<tr>
<td>524</td>
<td>Twentieth Century Theatre</td>
<td>3 credits</td>
<td>A study of the major producing theatres of 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.</td>
</tr>
<tr>
<td>531</td>
<td>Educational Theatre: Curriculum and Production</td>
<td>3 credits</td>
<td>A study of problems, procedures and theories concerning theatre course work and theatre production work in public schools. Prerequisite: Graduate Status.</td>
</tr>
<tr>
<td>541</td>
<td>Seminar in Dramatic Literature</td>
<td>3 credits</td>
<td>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.</td>
</tr>
<tr>
<td>591</td>
<td>Project</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>593</td>
<td>Thesis</td>
<td>3 credits</td>
<td>Repeatable once. total not to exceed 6 credits</td>
</tr>
</tbody>
</table>
PART V

School of Business

Dean: Charles D. Lein, Ed.D.
Assistant Dean and MBA Program Coordinator: J.G. Doss, M.S.

Departments and Faculty

Department of Accounting and Data Processing:
Chairman and Associate Professor: Dr. Harold M. Nix; Associate Professors: Carson, Koester, Medlin, Meiz; Assistant Professors: Behling, Bradley, Klier, Miller, Shannon; Special Lecturer: Seader.

Department of Business Education and Office Administration:
Chairman and Professor: Dr. Marvin A. Clark; Professor: Cornwell; Associate Professors: Albertson, Brener, Johnson, Mansho, Williamson; Assistant Professor: Bouds; Special Lecturer: Carlton.

Department of Economics:
Chairman and Associate Professor: Dr. Richard Payne; Professor: Lamborn; Associate Professors: Billings, Hart Mitchell; Assistant Professors: Eastlake, Holley, Lichtenstein, Sula.

Department of Management and Finance:
Chairman and Professor: Mr. Jesse M. Smith; Professors: Lein, Phillips, Stinzel, Wilson; Associate Professors: Allen, Grant, Kinslinger, Tipton, Waldorf, White, Wolfe; Assistant Professors: Bohner, Doss, Fitzpatrick, Gardner, Groebner, Lyon, Nix, Sarko; Instructor: Heist.

Department of Marketing and Mid-Management:
Chairman and Professor: Dr. Duston R. Scudder; Professors: Godfrey, Knowlton, Young; Associate Professors: Adams, Lane, McWilliams.
SCHOOL OF BUSINESS
Philosophy, Objectives

PHILOSOPHY OF THE SCHOOL OF BUSINESS
The School of Business at Boise State University is a unique and evolving product of its environment. The ultimate objective is to encourage the individual student’s intellectual growth.

This goal should focus on: (1) comprehension of the economic system in which the student lives, (2) the student’s ability to cope with and contribute to a changing business environment, and (3) the student’s development of a set of concepts and skills which will qualify one to function in a professional field of interest.

We believe that this philosophy can be accomplished by quality classroom teaching, research, seminars, informal discussions and community service. The people we serve should benefit both personally and economically through contact with the School of Business, whether it is for a lecture, a seminar, or a degree.

OBJECTIVES
The broad scope of offerings within the School of Business embraces a variety of objectives. In general, the school seeks to prepare students for positions of responsibility in business and government and to provide education which assists students in becoming responsible members of the democratic society and the economic system in which we live.

More specific objectives would include:
1. The preparation of graduates for entrance into business oriented fields, providing a broad back-ground of liberal and occupational oriented courses.
2. The preparation of graduates for entrance positions in specialized occupations such as sales, accounting, or office management.
3. The education of business oriented workers for positions requiring less than the normal 4-year course of study through specialized curricula.
4. The preparation of non-business students as well as business students for assumption of citizenship responsibilities in their future relationships with the business world.
5. The preparation of graduates for entrance into graduate schools of business or public administration.
6. The preparation of business teachers for positions at the high school level and beyond.

SPECIAL REQUIREMENTS AND OPTIONS
The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional liberal arts or science courses required for those degrees. (See pages 17-18 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 11 for available CLEP tests.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Secretarial Science, and Medical Secretarial areas are offered in addition to the baccalaureate programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the A.S. degree. Credits earned in such courses may be later applied toward the Bachelor’s degree but students should understand that they may be required more than an additional 64 hours of credit to meet all requirements for the Bachelor’s degree.

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 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.

CENTER FOR BUSINESS
AND ECONOMIC RESEARCH
DIRECTOR: Richard K. Hart, Ph.D.
A Center for Business and Economic Research has been established within the School of Business to support and further research opportunities for students and faculty. The research takes a variety of forms, to be utilized by both the community at large and specific clients. Faculty, graduate and upper division students are used in part-time capacities as the need arises.

BACHELOR DEGREE
PROGRAMS

NOTE: The student will find under each major the particular course of study to follow. Where the term "General electives" or Area I, II, or III appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements. See Page 18 for BBA requirements, and pages 17 and 18 for B.A. or B.S. requirements.

DEPARTMENTAL HONORS PROGRAM

The Department of Accounting and Data Processing offers a complete sequence of honors sections in accounting. Honors courses aim at enrichment rather than acceleration. Participants in the honors courses will enjoy an opportunity to sharpen their analytical processes and develop their creative abilities. The learning opportunities offered will be characterized by both academic and professional excellence.

Consistent with the Department’s Honors philosophy, students entering the program must have an overall G.P.A. of 3.0 and at least a grade of B in the two principles of accounting courses. Students in the honors program who receive a grade of C or less in an honors course will be placed on probation in relation to the department’s honors program.
# Accounting Major

## Bachelor of Business Administration Program

### Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
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<tbody>
<tr>
<td><em>English Composition</em></td>
<td>3</td>
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</tr>
<tr>
<td><em>Mathematics</em></td>
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<tr>
<td>General Electives (Areas I, II, III)</td>
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<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
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</tbody>
</table>

### 1st Semester
- English Composition
- Mathematics
- General Electives (Areas I, II, III)

### 2nd Semester
- *Inter Accounting* 3
- *Cost Accounting* 3
- *Managerial Accounting* 3
- *Price Theory* 3
- *Income Tax* 3
- *Business Law* 3
- *Prin of Management* 3
- *Prin of Finance* 3

### Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Intro to Finance Accounting</em></td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td><em>Intermediate Accounting</em></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><em>Principle of Economics</em></td>
<td>3</td>
<td>—</td>
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<tr>
<td>Applied Bus Comm</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td><em>Intro to DP</em></td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td><em>Bus Statistics</em></td>
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<td>7</td>
</tr>
<tr>
<td>General Electives</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

### 1st Semester
- *Intro to Finance Accounting* 3
- Intermediate Accounting 3
- Principle of Economics 3
- Applied Bus Comm 3
- *Intro to DP* 3
- *Bus Statistics* 3
- General Electives 4

### 2nd Semester
- *Advanced Account* 3
- *UD Econ Elective* 3
- *Basic Mktg Mgt.* 3
- Accounting Theory 3
- *Human Relations* 3
- *Business Policies* 3
- General Electives 5
- Principles of Finance 3
- Programming Systems — COBOL 3
- General Electives (Area I, II, or III) 3
- **Total** 17

### Junior Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Advanced Account</em></td>
<td>3</td>
<td>—</td>
</tr>
</tbody>
</table>
- *UD Econ Elective* 3
- *Basic Mktg Mgt.* 3
- Accounting Theory 3
- *Human Relations* 3
- *Business Policies* 3
- General Electives 5

### Senior Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
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</tr>
</thead>
<tbody>
<tr>
<td><em>Prerequisite for UD accounting courses</em></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

In addition to general university requirements, the following courses are required for an accounting major:

- **Business Courses**: MK 301, GB 301, GB 302, MB 303, AC 303, OA 238, MB 301, MB 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, E 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>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Fin. Accounting (AC 205)</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intermediate Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

### 1st Semester
- English Composition 3
- Mathematics (Area III) 4
- Intro to Fin. Accounting (AC 205) 3
- Intermediate Accounting 3
- General Electives (Area I, II, or III) 6
- **Total** 16

### 2nd Semester
- Business Law 3
- Cost Accounting 3
- Managerial Accounting 3
- Simulation Techniques 3
- Principles of Finance 3
- Programming Systems — COBOL 3
- General Electives (Area I, II, or III) 3
- **Total** 15

### Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics (Area II)</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intermediate Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Programming Techniques</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td>Applied Bus. Communications</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

### 1st Semester
- Principles of Economics (Area II) 3
- Intermediate Accounting 3
- Introduction to Data Processing 3
- Programming Techniques 3
- Business Statistics 3
- General Electives (Area I, II, or III) 4
- Applied Bus. Communications 3
- **Total** 16

### 2nd Semester
- Price Theory 3
- Basic Marketing Management 3
- Human Relations 3
- Data Processing Applications 3
- Quantitative Analysis for Business Decisions 3
- Economics Elective 3
- General Elective (Area I, II, or III) 6
- Electives 5
- **Total** 17


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## BUSINESS EDUCATION MAJOR
### (Basic Business Option)

**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>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communication</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>*Beginning Typing</td>
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### 1ST SEM.

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<td>Introduction Data Processing</td>
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<tr>
<td>Basic Marketing Management</td>
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<td>Principles of Management</td>
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<tr>
<td>Principles of Finance</td>
<td>—</td>
</tr>
<tr>
<td>Secondary School Methods</td>
<td>—</td>
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<tr>
<td>Vocational Education (Principles and Organization of)</td>
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<tr>
<td>Electives (from 2 of 3 areas)</td>
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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. At least two credits of typewriting at the intermediate level or above are required.

### SOPHOMORE YEAR:

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<td>Mathematics (Area III)</td>
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<tr>
<td>Retail Selling</td>
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<td>Cooperative Programs</td>
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<td>Speech Communication for Teachers (Area II)</td>
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<td>Business Curriculum and Problems</td>
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<tr>
<td>Methods and Materials in Distr. Education</td>
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<td>Technical Writing</td>
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<td>Business Policies</td>
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<td>Basic Marketing Management</td>
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### SOPHOMORE YEAR:

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<td>Retail Selling</td>
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<td>Merchandise Analysis</td>
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### 1ST SEM.

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<td>Administration and Coordination of</td>
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<td>Cooperative Programs</td>
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<td>Educational Psychology</td>
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<td>Technical Writing</td>
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<td>Business Policies</td>
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### 2ND SEM.

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### BUSINESS EDUCATION MAJOR
### (Basic Business Option with Distributive Education Emphasis)

**Bachelor of Business Administration Program**
### BUSINESS EDUCATION MAJOR

**Bachelor of Business Administration Program**

#### FRESHMAN YEAR:

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**Total Credits:** 15

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<td>Introduction to Data Processing</td>
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<td>Administrative Office Procedures</td>
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<td>Principles of Finance</td>
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**Total Credits:** 16

#### SOPHOMORE YEAR:

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<tr>
<td>Records Preparation and Management</td>
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<td>Speech Communication for Teachers</td>
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<td>Educational Psychology</td>
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<td>Business Student Teaching</td>
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<td>Business Policies</td>
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<td>Electives</td>
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**Total Credits:** 16

*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.*

### ECONOMICS MAJOR

**Bachelor of Arts Program**

#### FRESHMAN YEAR:

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<td>History</td>
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**Total Credits:** 16

#### SOPHOMORE YEAR:

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<td>Introduction to Data Processing</td>
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**Total Credits:** 17

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<td>Income and Employment</td>
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<td>Principles of Finance</td>
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**Total Credits:** 15

#### SENIOR YEAR:

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**Total Credits:** 16

*Credits should be chosen mainly from upper division courses.

**ECONOMICS MAJOR

**Bachelor of Business Administration Degree**

#### FRESHMAN YEAR:

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<td>Elective</td>
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</table>

**Total Credits:** 16

See page 31 for clarification of fields in B.A. degree.

* * * Must include hours in at least two of the three definitive areas as listed on page 32 of the catalog.
SCHOOL OF BUSINESS

General Business

### 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 100 of the BSU Bulletin 1976-77).

#### Graduation requirements for degree in Economics - Social Science Secondary Education Option

1. General University and Basic Core requirements as listed on page 16 of the BSU Bulletin 1976-77.
2. Two approved teaching minors (15 hours each) from:
   a) History
   b) Political Science
   c) Anthropology
   d) Sociology
   e) Geography
3. Economics courses - 30 hours
   - Required Courses: 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. 100 of the Bulletin.

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. 101 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. 100

6. Sufficient electives to complete a total of 128 Credit Hours of which 40 must be upper division.

#### 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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<tr>
<td>English Composition</td>
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<td>Fund. of Speech (Area II)</td>
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## SCHOOL OF BUSINESS

### Industrial Business

#### Bachelor of Business Administration Program

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##### INDUSTRIAL BUSINESS MAJOR

#### Bachelor of Business Administration Program

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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

**FINANCE MAJOR**

**FRESHMAN YEAR:**

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**JUNIOR YEAR:**

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<td>Price Theory</td>
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<tr>
<td>Money and Banking</td>
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**MANAGEMENT MAJOR**

**BEHAVIORAL OPTION**

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<td>Introduction to Managerial Accounting</td>
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**SENIOR YEAR:**

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<td>Industrial Sociology</td>
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**QUANTITATIVE OPTION**

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SCHOOL OF BUSINESS
Real Estate

FRESHMAN YEAR:

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<td>Bus. Communications</td>
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<td>Business Law</td>
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JUNIOR YEAR:

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<td>Property Law</td>
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<td>Prin. of Finance</td>
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<td>Real Estate Finance</td>
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<td>Appraisal of Real Estate</td>
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<td>Government and Bus.</td>
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<td>Brokerage Management</td>
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AVIATION OPTION

Freshman and Sophomore Years: the same as listed for Management Major.

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<td>Prin. of Finance</td>
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<td>Government &amp; Business</td>
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* Real Estate Electives

RE 497 Special Topics
Appraisal Income Property
Tax Factors
Urban Economics

NOTE: A student majoring in the Aviation Management Option in Management who has possession of a Private or Commercial Pilots' License may petition for a waiver of AV-101. A written petition filed by the student should include photostatic copies of his pilots' license, current medical certificate and current Idaho State Pilots' registration certificate.
## MARKETING MAJOR

### Bachelor of Business Administration Program

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<td>Introduction to Sociology**</td>
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<td>Fundamentals of Speech Communication***</td>
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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-496 Independent Study or MK-493 Internship
- EC-317 International Economics

### SENIOR YEAR:

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* See course descriptions for former course titles.

** Counts as part of the six hour Area II requirement other than in economics, (see page 18)

*** 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. (see page 18)

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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<th>2ND SEM.</th>
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<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Bus. Math/Machines</td>
<td>-</td>
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<tr>
<td>*Typewriting</td>
<td>2</td>
<td>2</td>
<td>Prin. Economics (Area II)</td>
<td>3</td>
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<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td>-</td>
<td>Secretarial Transcription</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
<td>3</td>
<td>-</td>
<td>Basic Marketing Mgmt.</td>
<td>3</td>
<td>-</td>
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<tr>
<td>Mathematics (Area III)</td>
<td>4</td>
<td>4</td>
<td>Intro. Data Processing</td>
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<tr>
<td>Area I Elective</td>
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<td>3</td>
<td>Business Statistics</td>
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<td>Prin. Finance</td>
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### SOPHOMORE YEAR:

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<th>1ST SEM.</th>
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<tbody>
<tr>
<td>Business Law</td>
<td>3</td>
<td>-</td>
<td>Records Preparation and Management</td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
<td>-</td>
<td>Administrative Office Procedures</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td>4</td>
<td>4</td>
<td>Office Management</td>
</tr>
<tr>
<td>*Shorthand</td>
<td>-</td>
<td>2</td>
<td>Human Relations</td>
</tr>
<tr>
<td>Fundamentals of Speech Communications</td>
<td>3</td>
<td>2</td>
<td>Business Policies</td>
</tr>
<tr>
<td>Word Proc-Math Trans</td>
<td>-</td>
<td>3</td>
<td>U.D. Electives</td>
</tr>
<tr>
<td>Area III Elective</td>
<td>-</td>
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<td>U.D. Electives (from 2 of 3 areas)</td>
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<td>Electives (from 2 of 3 areas)</td>
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<td>16</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.
### Two Year Programs

#### Fashion Merchandising — Mid-Management

<table>
<thead>
<tr>
<th>Semester</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
<th>3rd SEM.</th>
<th>4th SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
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<td>3</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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<tr>
<td>Business Math/Machines</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Textiles</td>
<td></td>
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<tr>
<td>Elements of Management</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td></td>
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<td>3</td>
<td></td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td></td>
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<tr>
<td>Elective</td>
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<tr>
<td>Total</td>
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#### Sophomore Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
<th>3rd SEM.</th>
<th>4th SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
<td></td>
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<tr>
<td>Fashion Analysis and Design</td>
<td></td>
<td>2</td>
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<tr>
<td>Professional Speech Communication</td>
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<tr>
<td>Retail Buying</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
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<td>2</td>
<td></td>
</tr>
<tr>
<td>Report Writing</td>
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<tr>
<td>Principles of Retailing</td>
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</tr>
<tr>
<td>Visual Merchandising</td>
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<td></td>
<td>3</td>
<td></td>
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<tr>
<td>Supervision of Personnel</td>
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<tr>
<td>Elective</td>
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</table>

**Note:** Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

#### Office Systems

### Associate of Science Degree

#### Word Processing Program

<table>
<thead>
<tr>
<th>Semester</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
<th>3rd SEM.</th>
<th>4th SEM.</th>
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<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Introduction to Business</td>
<td>3</td>
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<td></td>
</tr>
<tr>
<td>Beginning Shorthand*</td>
<td></td>
<td>4</td>
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</tr>
<tr>
<td>Beginning Typing*</td>
<td></td>
<td>2</td>
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</tr>
<tr>
<td>Applied Business Communications</td>
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<tr>
<td>OA Elective</td>
<td></td>
<td>1</td>
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<td></td>
</tr>
<tr>
<td>Fund. Speech-Communication</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Shorthand*</td>
<td></td>
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<td>4</td>
<td></td>
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<tr>
<td>Intermediate Typing*</td>
<td></td>
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<td>2</td>
<td></td>
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<tr>
<td>Business Math/Machines</td>
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<td>3</td>
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<td>Total</td>
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#### Sophomore Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
<th>3rd SEM.</th>
<th>4th SEM.</th>
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<tbody>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
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<tr>
<td>Economics</td>
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<tr>
<td>Area II Elective</td>
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<tr>
<td>Advanced Typing</td>
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<td>2</td>
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<tr>
<td>Records Prep. &amp; Mgmt.</td>
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<td>3</td>
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<tr>
<td>Editing for Word Processing</td>
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<tr>
<td>OA Electives</td>
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<tr>
<td>Admin. Office Procedures</td>
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<tr>
<td>Word Processing, Mach. Trans.</td>
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<tr>
<td>Word Processing, Mag. Keyboarding</td>
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<td>Electives</td>
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<td>Total</td>
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**Note:** May be waived if advanced placement is granted because of prior work.

### Secretarial Program

<table>
<thead>
<tr>
<th>Semester</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
<th>3rd SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
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<tr>
<td>Introduction to Business</td>
<td>3</td>
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<tr>
<td>Beginning Shorthand*</td>
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<tr>
<td>Beginning Typing*</td>
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<tr>
<td>Applied Business Communications</td>
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<tr>
<td>Fund. Speech-Communication</td>
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<tr>
<td>Intermediate Shorthand*</td>
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<tr>
<td>Intermediate Typing*</td>
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<td>Business Math/Machines</td>
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#### Sophomore Year

<table>
<thead>
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<th>Semester</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
<th>3rd SEM.</th>
<th>4th SEM.</th>
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<tbody>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
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<tr>
<td>Economics</td>
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<tr>
<td>Advanced Shorthand</td>
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<tr>
<td>Advanced Typing</td>
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<td></td>
</tr>
<tr>
<td>Records Prep. &amp; Management</td>
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</tr>
<tr>
<td>Area II Elective</td>
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<td>3</td>
<td></td>
</tr>
<tr>
<td>Secretarial Transcription</td>
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</tr>
<tr>
<td>Administrative Office Procedures</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Word Processing, Mach. Trans.</td>
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<tr>
<td>OA Electives</td>
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<tr>
<td>Elective</td>
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<td>Total</td>
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<td>17</td>
</tr>
</tbody>
</table>

**Note:** 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.
COURSES

AC ACCOUNTING

Lower Division

205 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 and need for financial statements in the business community. An understanding of financial statements will be accomplished by critical analysis of accounting terminology, 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.

206 Introduction to Managerial Accounting (3 credits). (Previously AC 204). This course is designed to introduce the methodologies applied in cost and managerial accounting. The student will study an overview of manufacturing accounting with emphasis on job order and process costing techniques. Analysis of budgeted income statements, development of special reports, ratios and other analyses. Prerequisite: AC 205 or its equivalent. Each semester.


300 Tax Factors in Business Decisions (3 credits). A general introduction for students and businesses in which costs, benefits, and techniques are emphasized. The activities of the student will be applied to the federal income tax law as they affect business operations and decision making. Degree credit will not be awarded for both AC 320 and AC 401. Prerequisite: AC 205, lower division core or permission of instructor. Each semester.

301 Cost Accounting (3 credits). (Previously AC 301). Theory of cost accounting and control, including job order, process, direct and standard costs, budgeting and break-even analyses. Emphasis on cost determination as a tool of management. Prerequisite: Lower division core or permission of instructor. Each semester.

302 Managerial Accounting (3 credits). A study of the development and use of internal accounting control, including post-audit of financial statements, and the preparation of financial statements. Topics include the application of cost accounting methods such as gross profit, break-even, and incremental cost analysis. Prerequisite: AC 351, lower division core or permission of instructor. Each semester.

303 Governmental Accounting (3 credits). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The relationship of the government accounting theory, procedures, legal and reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Prerequisite: Lower division core or permission of instructor. Each semester.

401 Principles of Income Taxation (3 credits). (Previously AC 302). The theory and application of Federal income tax laws to individuals, including an introduction to the Federal income tax system. Prerequisites: AC 303 and either AC 302 or AC 401, lower division core or permission of instructor. Spring semester.

402 Advanced Income Taxation (3 credits). (Previously Corporate Taxation). The theory and application of the Federal income tax to corporations organized for profit, and an introduction to partnerships, estates, trusts, and gift taxation. Prerequisites: AC 306 and either AC 302 or AC 401, lower division core or permission of instructor. Spring semester.

405 Auditing (3 credits). A study of the scope and purpose of the work of the Certified Public Accountant as an independent auditor. Topics include: professional ethics; legal responsibilities; role of the Securities Exchange Commission; audit theory and practice; and the accumulation of evidence upon which the auditor bases his report. Prerequisite: AC 306, lower division core or consent of instructor. Each semester.

420 Systems Analysis and Design (3 credits). Concepts and techniques of the design of information systems. Topics include: Systems Theory: Data Collection, Classification, Transmission, and Display, On-Line Systems and Time Sharing, Course Identification to DP 420. Credit may not be earned for both courses. Prerequisites: AC 420 and AC 424. Lower division core or permission of instructor. Spring semester.

440G Accounting Theory (3 credits). A specialized course to provide a framework of reference for advanced accounting students in research in the history of accounting thought. Recommended for those students planning on the CPA examination. May be taken for graduate credit. Prerequisite: AC 306, lower division core or permission of instructor. Spring semester.

450 Data Processing for the Accountant (3 credits). A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer will be used as the problem solving tool in the above three referenced areas. Prerequisites: AC 405, lower division core or permission of instructor. Spring semester.

470 Advanced Accounting (3 credits). Covers accounting problems and techniques for accounting for business combinations, the determination of consolidated income statements, consolidated financial position, and the preparation of consolidated financial statements. Also covers accounting problems of home office — branch operations, partnerships, and consignments. Prerequisites: AC 306 and AC 351, lower division core or permission of instructor. Fall semester.

482 C.P.A. Review (6 credits). An indepth consideration of the more complex accounting principles and procedures taught in the graduate level. This course is designed to assist the student in preparing for the Certified Public Accountant examination. Prerequisites: AC 352, AC 405, AC 470 and AC 440, or consent of instructor. Spring semester.

AV AVIATION MANAGEMENT

Lower Division

201 and 022 Private Pilot Flight Laboratory (no credit). Exceeds the minimum flight-hours necessary to satisfy the FAA for completion of the private pilot certificate. Students must have logged a minimum of 40 hours including 15 hours of dual instruction and 15 hours of oral instruction, and satisfactorily completed the flight examination administered by a FAA flight examiner. Prerequisite: AV 101 or certification. Spring semester.

101 Aviation Ground School (3 credits). Survey of basic aerodynamics, meteorology, navigation, Federal Aviation Agency regulations. At termination of the course, the student will take the FAA Private Pilot Examination. An orientation of the historical development of aviation and the development of scientific laws and basic theory of flight. Either semester.

201 Commercial Pilot Ground School (3 credits). The study of weather, navigation, radio communications, air traffic control, and operational procedures and performance as required for the FAA commercial pilot exam. Prerequisite: Private Pilot Certificate. Either semester.

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 familiarization, effect of federal regulations, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management. 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, relating 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 field 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 presentations emphasized. Spring semester.

441G 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 vacant, job description, and job requirements. Role of business and government in vocational education. Spring semester.

443G Administration and Coordination of Cooperative Programs (3 credits). Selection, guidance, placement, and follow-up of students in training stations. Prerequisite: Graduate Standing. Fall semester.

471 Business Student Teaching (6 credits). Supervised teaching under the direction of qualified business-teacher education specialists. Prerequisite: BE 401 and permission of director. Spring semester.
Graduates

511 Graduate Study in Business Education (3 credits). A study of professional business education including history, philosophy, psychology, and 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.

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 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 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. Spring semester.

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 business educator. Topics in administrative and supervisory problems of the business educator beyond those involved in classroom teaching. Areas of study include student services, equipment and supplies, 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).

593 Thesis (3-6 credits). The scholarly pursuit of original work through research. Prerequisite: Admission to candidacy.

596 Independent Study (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), previously DP 211). A general interest course to acquaint business students with the fundamentals and principles upon which data processing is based. The logic and reasoning of programming as utilized in data processing is also explored. Recommended to take M 105 and AC 205 prior to this course. Each semester.

Upper Division

320 Programming Techniques (3 credits). A survey of programming systems used in computer processing and an introduction to the latest computer systems. Coverage of general concepts, logic and techniques of computer programming including flowcharting, input, processing and output. 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; simulation of decision-making by individuals and group organizations. Models of varying legalities of sophistication will be considered. Emphasis on Fortran IV and other available simulation languages. Prerequisite: DP 330 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 programming problems. Prerequisite: DP 320 or equivalent. Spring semester.

405 Data Processing Applications (3 credits). An in-depth study of current business computer applications in information retrieval, the function of data processing in the business organization, feasibility study concepts, and data base considerations. Fall semester.

420 Systems Analysis and Design (3 credits). Concepts and techniques of the design of information systems. Covers systems theory: Data Collection, Classification, Transmission, and Display. Course identical to AC 420. Credit may not be earned for both courses. AC 420 and DP 420. Prerequisites: DP 210 and AC 205. Spring semester.

EC ECONOMICS

Lower Division

201 Principles of Economics-Macroeconomics (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 issues. Special attention is given 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-Microeconomics (3 credits). An introduction to microeconomic analysis: covering supply and demand, the basic market structures and 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 economics centered around selected contemporary economic problems. Principles are introduced to help analyze problems and point out alternative solutions. Not allowed as part of the economics major requirements. Not allowed for credit those students that have taken EC 201 and 202. Prerequisites: None. Either semester.

219 Environmental Economic Problems: Economics and The Quality of Life (3 credits). Choices must be made between the kind of economic growth and development and the resulting quality of life. Environmental impacts of growth, including air, water and noise pollution, urbanization, agricultural resource depletion and population pressures will be examined. Policy prescriptions and economic 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 and their effects on both domestic and international economic policy goals. Prerequisite: EC 201, 202. Each semester.

303 Price Theory (3 credits). An analysis of the price mechanism and its role in resource allocation, output determination, and the process of price theory in that analysis of social problems and managerial decisions is stressed. Prerequisite: EC 202, Each semester.

306 Income and Employment (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, taxing, and indebtedness will be examined. Consideration will be given to the effects of government activity and analysis of its impact on economic growth. 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.

316 Comparative Economic Systems (3 credits). A comparative study of the goals and methods of various economic systems, goals and methodology of 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 of structure, growth and policy. Location theory, various growth models, microeconomic techniques such as input-output analysis, base multiplier, and cost benefit analysis will be developed. Prerequisite: EC 201-202. Fall semester.

322 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 analyze the problems and existing proposed policies. Prerequisite: EC 201-202. Spring semester.

406 Business Fluctuations and Economic Stabilization (3 credits). Application and extension of macroeconomic theory to the study of economic instability. Theories of economic fluctuations and their measurement. Goals, objectives and tools of stabilization policy, including techniques of macroeconomic forecasting and modeling. Prerequisite: EC 306.

417 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 emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: Either EC 201-202 or permission of the instructor. Spring semester. Offered in alternate years by the Economics and by the History Department, and cross-numbered as EC-HY 417.

421-422G Econometrics (3 credits). Study and application of the principle mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor. May be taken for graduate credit. 421G Fall-422G Spring semester.

FI FINANCE

Lower Division

108 Personal Finance and Investments (3 credits). Aid in meeting the growing complexity of financial decision making as faced by the individual. How to avoid home. Appraisal of savings and investments, installment buying, borrowing money, owning or renting a home. Prerequisite: Graduate Status and consent of the instructor. Fall semester.
SCHOOL OF BUSINESS
Courses, GB, MG, MK

Upper Division

303 Principles of Finance (3 credits). A basic survey course of fundamental concepts and techniques of the three major areas of finance—Corporate, Institutional, and Individual—and their interrelationships. Prerequisites: AC 205, 206, EC 201, 202, and M 106. Each semester.

325 Financial Management I (3 credits). (Previously Corp. Financial Mgt.) The study and theoretical analysis of the internal allocation of resources within the business firm and governmental agencies, including working capital management and power and politics, budgeting, and investment analysis. Risk analysis, financial planning and control, etc. Instructional methods will include the analysis of financial cases and financial modeling. Prerequisites: FI 303 and GB 306. Each semester.

326 Financial Management II (3 credits). (Previously FI 445.) Analysis of selected case problems in financial management of the firm, including short- and long-term financial requirements, trade credit, and analysis, special media of finance, capital budgeting and profit analysis. Prerequisites: FI 251, 303, and FI 325. Spring semester.

417 Management of Financial Institutions (3 credits). A study of the recent developments and changes in the American financial system from the perspective of the operating managers of the financial institutions. Analyses of the management techniques and problems of banks, investment banks, commercial banks, mortgage banks, savings and loan associations, insurance companies, securities exchange, trust companies, investment companies, and credit card companies forms the basis of the course. Prerequisite: GB 303. Fall semester.

4500 Investments Management (3 credits). (Previously FI 350.) An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophy of portfolio management from the standpoint, banks, insurance companies, pension funds, and other financial institutions. Prerequisites: FL 303 and GB 306 or its equivalent. May be taken for graduate credit. Either semester.

488-499 Senior Seminar in Finance (3 credits each). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds on background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance professionals. The courses enable the student to achieve an understanding of a particular expertise and to relate it to a specific issue of practical interest. Topics will vary from semester to semester. Prerequisites: M 106 and one additional finance course. Each semester.


209 Property Law I (3 credits). This course explores the laws of property in the following areas: marriage and family: possession and ownership of land: conveyancing: land use control: personal property. Prerequisite: GB 201 and RE 201. Each semester.

210 Advanced Business Statistics (3 credits). A review of classical statistical inference including: one sample tests, two sample tests, alpha errors, beta errors, and power calculations. Introduction to new statistical procedures and techniques such as: analysis of variance, nonparametric statistics, simple regression and correlation, multiple regression and forecasting: time series analysis, discriminant analysis, and Bayesian decision analysis. Prerequisite: GB 207. Either semester.

235 Principles of Transporation (3 credits). Economics of transportation services and rates. History and patterns of regulations. Explanations of the basic terms and functions which must be considered and the factors which impact the future transport. Prerequisite: GB 201. Either semester.

300 Law of Labor (3 credits). Topics and areas covered: Early doctrines, history, structure, and functions of labor. Structure and types of employment unions, collective bargaining, grievance and arbitration procedures. Emphasis is placed on the basic phases of labor relations and how they affect American business. Prerequisite: GB 330. Each semester.

341 G Government and Business (3 credits). A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of government and the involvement of government in business affairs is also included. May be taken for graduate credit. Prerequisite: GB 201. Spring semester.

450 Business Policies (3 credits). The utilization of complex situational cases, role playing, in-depth research, and a business simulation exercise to achieve integration of specialized functional knowledge. Prerequisite: Completion of the required "business core." Either semester.

468 Quantitative Analysis for Business Decisions (3 credits). A study of quantitative techniques that will aid the future managerial decision maker. Areas covered are: linear programming, inventory and production models, transportation and assignment techniques, games and strategies, waiting lines. The applications are specific to the individual. Prerequisite: GB 306. Either semester.

MG MANAGEMENT

Upper Division

301 Principles of Management (3 credits). Basic functions and principles of management with emphasis on relationships between workers and management; the planning, organizing, and controlling of personnel; decision making procedures and techniques. Prerequisite: M 106. Either semester.

306 Personnel Management (3 credits). The managerial problems of integrating individuals and groups into an effective organizational framework. Emphasis is on interpersonal relations, leadership styles, employee motivation techniques and staff functions. Business, government, and institutional frameworks are examined and compared. Prerequisite: MG 301. Either semester.

308 Compensation Management (3 credits). (Previously Wage and Salary Admin.) It involves the installation and administration of a comprehensive Wage and Salary Program, including objectives, procedures, control, and job evaluation. Emphasis will also be placed on the techniques of winning and maintaining acceptance of the total Wage and Salary Program. Prerequisite: MG 301. Each semester.

309 Production Management (3 credits). Decision making in Production Planning, types of decision and variables involved, possibilities for quantification of variables, production planning and decision making. Emphasis will be placed on the techniques of winning and maintaining acceptance of the total Wage and Salary Program. Prerequisite: MG 301. Either semester.

310 Production Decisions and Controls (3 credits). The elements of the modern production environment are studied. The course will enumerate the factors which must be considered. Each element or function will be considered and examined for importance and a method or methods of control will be suggested and examined for feasibility. A survey of industrial and management problems will be examined. Emphasis will be placed on small business management techniques as they apply to service, retail production oriented small businesses. Prerequisite: MG 301. Either semester.


MK MARKETING

Upper Division

302 Basic Marketing Management (3 credits). (Previously Principles of Marketing) Description and analysis of the marketing processes. Methods, policies, and procedures involved in the distribution process with which they perform. A survey of industrial and consumer markets and their relationship to both production and distribution. Each semester.

306 Promotion Management (3 credits). (Previously Prom. of Adv.) Presentation of the primary assignments, objectives, strategies. Emphasis is placed on advertising management: sales promotion, public relations, and publicity. The presentation of advertising objectives and strategies: the product development process: the importance of advertising. Prerequisite: MK 301. Either semester.

307 Consumer Behavior (3 credits). Analysis of purchase and consumption behavior of the consumer. Relates marketing concepts of the firm to social science research of the consumer. Prerequisite: MK 301. Either semester.
INTERMEDIATE MARKETING MANAGEMENT (3 credits). (Previously Marketing Management). Management techniques in the solution of problems of systems of distribution, administration of marketing channels, advertising in the firm's total market effort, administration of customer service policies, design of a physical distribution system, and composition of a marketing mix. Prerequisite: MK 301. Fall semester.

MARKETING RESEARCH (3 credits). Consideration of the theory and use of research for particular marketing problems: methodology of planning and conducting research studies in various marketing situations. May be taken for graduate credit. Spring semester.

APPLIED MARKETING RESEARCH (3 credits). Design of, give the student actual experience in formal research. Representatives from the business community and governmental agencies will work closely with students in developing marketing problem situations. Prerequisite: MK 415G. Either semester.

SALES ADMINISTRATION (3 credits). Management and administration of a sales organization, including recruiting, hiring, training, and supervising; establishment of territories; use of analytical tools as means of improving the effectiveness of sales. Prerequisites: MK 301. Spring semester.

ADVANCED MARKETING MANAGEMENT (3 credits). (Previously Marketing Strategy). The case study approach as applied to marketing problems. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisites: MI 301 and MK 405. Spring semester.

MM MARKETING, MID-MANAGEMENT

Lower Division

100 Mid-Management Work Experience (2 credits). Open to students enrolled in the Mid-Management program only. The student may earn 2 semester hours' credit for a maximum of four semesters or a total of 8 semester hours' credit. This provides actual experience in the retail, wholesale, or service business field as a paid employee. The student, the employer, and the program coordinator develop an individual program for each student. The student is evaluated by both the employer and the program coordinator. Each semester.

101 Salesmanship (3 credits). (Previously MM 101 — Retail Selling). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishments. Emphasis on customer behavior and motivation; methods of creating customer attention, interest, desire, and action. Either semester.

102 Merchandise Analysis (3 credits). A study dealing with what the product is and what the product does for the customer. Provides methods and practice in obtaining product information used by buyers, sales people, and advertising personnel. Major classes of textiles and non-textiles are surveyed. Spring semester.

105 Elements of Management (3 credits). A study of the functions of business management: planning, organizing, staffing, directing, and controlling. Special consideration is given to the concept of organizational authority and responsibility. Either semester.

201 Introduction to Marketing (3 credits). The study of activities by which goods and services flow from the producer to the ultimate consumer. This study includes methods, policies, and evaluation of the various marketing institutions according to the functions performed. Fall semester.

202 Principles of Retailing (3 credits). Comparison of small- and large-scale retailers. Problems of store ownership, organization, location, equipment, merchandising, planning, and control. Expense and cost reduction and sales promotion are considered. Spring semester.

203 Visual Merchandising (3 credits). Objectives and policies of sales promotion: study of the media involved. Regulations of advertising. Coordination of other factors of sales promotion, such as product display, merchandising factors. Preparation of copy, illustrations, layout and display. Guest lecturers from the local Retail Assn. will be used. Fall semester.

208 Supervision of Personnel (3 credits). Economics of supervision, social and philosophical implications, training functions of the supervisor, individual and organizational needs in regard to human relations are major points of study. Spring semester.

209 Report Writing (3 credits). Prepares the student to write reports for business situations. Emphasis is placed on the actual preparation of reports, research methods, and the readability of the finished product. Fall semester.

213 Credit and Collections (2 credits). A survey of the credit field including history, types, credit information, and the function of the credit department. Collection methods and procedures are given significant treatment. Spring semester.

215 Retail Buying (3 credits). Considers the buyer's duties, techniques, and procedures of the buying profession. Retail buying, retail selling, pricing of goods, and the interpreting of consumer demand. Fall semester.

RE REAL ESTATE

Lower Division


Upper Division

320 Principles of Insurance (credits). (Previously GB 320). A balanced presentation of the principles of insurance and policy analysis together with a discussion of the fundamental legal principles involved in insurance contracts. Company practices in relation to insurance management are stressed as is the field of regulation on both the theoretical and practical applications. Either semester.

331 Appraisal of Real Estate (3 credits). (Previously GB 331). The nature, purpose, and methods of appraising a property, techniques for determining the property and value, the appraisal process and economic trends. The techniques involved in determining the value of real estate. Prerequisite: RE 201. Either semester.

332 Real Estate Finance (3 credits). Financial analysis and examination of the income of the real estate investment cycle, source of mortgage funds, federal government and mortgage markets, lending decisions, management of loan portfolios, leasing, construction financing, creative financing, and financing of specific types of real property. Prerequisites: RE 201, 1, FI 303. Either semester.

340 Real Estate Investment and Taxation (3 credits). This course explores Real Estate from the investor's point of view with special attention to the tax aspects including Return Analysis, Property Leverage, Discounted Cash Flow, and Consequences of Sales. Prerequisite: RE 201 (or equivalent). Fall semester.

341 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 estimation of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Prerequisites: RE 201, 203, 303, 304, and 305. Spring semester.

400 Real Estate Brokerage Management (3 credits). This course is a capstone course intended 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 local responsibility, creative financing, professional organizations, and agency relationships. Prerequisites: RE 332, RE 340, RE 331, and GB 303.

OA OFFICE ADMINISTRATION

Lower Division

101 Beginning Shorthand (4 credits). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Credit will not be given to students who have completed one or more years of shorthand in high school. Recommended credit or current enrollment in OA-238. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Either semester.

106 Beginning Typing (2 credits). Theory and keyboard operations on the typewriter for personal or business use. Credit will not be given to students who have completed one or more years of typing in high school. Fall semester.

107 Intermediate Typing (2 credits). Review of typing fundamentals for the development of speed and accuracy. Credit will not be given to students who have completed two years of high school typing. Either semester.

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 and how people work, good decision making, oral communication and case analysis problems. Either semester.

115 Business Mathematics-Machines (3 credits). Fundamental operations of arithmetic in concrete relation to business usage: Decimals, fractions, percentages, interest, discounts, markup, installment buying, discounting, 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.

122 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.

205 Medical Office Orientation (1 credit). A study of medical receptionist duties, special records and filing systems, legal aspects of medical work, management of the 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 typing procedures to develop speed and accuracy in office transcription. 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 stressed by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, and reports. Both prerequisites: OA 209 and either semester.

215 Word Processing, Mac. 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, grammar, and social editing. Prerequisites: Grade of C or higher is required in OA-238, OA-107. Either semester.

221 Saunders Technical 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 GB 328 — Business Communications). A course designed to emphasize the building of a foundation in effective business writing principles. The effectiveness and correctness of writing and the psychology of letter writing will be emphasized through the preparation of a variety of the sinner letters. Both semesters.

93
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 typing, 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

209 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). A study of organization and management of an office, including personnel problems, records, ratings, the allocations of functions and responsibilities, and office supervision. Spring semester.

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. The case study approach will be used to present a variety of business situations requiring decision-making in business report writing. Prerequisite: OA-23B. Either semester.

Graduate

501 Office Systems and Procedures (3 credits). A study of advanced systems and procedures currently in use in business offices. Includes emphasis on technical knowledge and ability to perform office activities in the following areas: automated office procedures, word processing, cost analysis and control, personnel procedures, systems analysis and flow charting, work flow, supervisory techniques and responsibilities, communications and information systems, records management, and the preparation of office manuals. Prerequisite: Graduate Status. Summer.

GRADUATE PROGRAMS IN BUSINESS

MBA IN BUSINESS

MA IN SECONDARY EDUCATION

(BUSINESS EDUCATION OPTION)

MASTER OF BUSINESS ADMINISTRATION

OBJECTIVES

The purpose of the Boise State University Program leading to the MBA Degree is to prepare the candidate for a career in business management. The curriculum is keyed to the needs of an individual who has just assumed or is preparing to assume additional broad managerial responsibilities.

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 are available to achieve a minor degree of concentration as 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 will have completed most of these requirements as part of their undergraduate program. Since, however, the Master of Business Administration program is also designed to serve the student who has completed his bachelor’s degree in non-business fields such as the sciences, engineering, the liberal arts, the student must demonstrate proficiency in the prerequisite courses listed below. These prerequisites may be fulfilled by satisfactory completion of course work in these areas, or by successfully passing the appropriate CLEP examination.

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.

(a) Possession of a bachelor’s degree from an accredited institution.

(b) Demonstration of satisfactory academic competency by virtue of acceptable scores achieved by either of the following two formulae:

- 200 X overall GPA plus GMAT score must equal 1000 minimum
- 200 X junior/senior GPA plus GMAT score must equal 1050 minimum

(c) For foreign students, in addition to the above formulae minima, 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 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 free elective in its place.

A maximum of 9 graduate credits may be accepted from other graduate schools upon request and a determination of acceptability to an MBA program. Students desiring transfer credits must apply on the Program Development Form with appropriate supporting documents and transcripts to the MBA Admissions Committee, School of Business.

Students may elect a maximum of 6 credit hours from the 400 level “G” courses from the Undergraduate School of Business Program. Only those courses listed on the following pages are approved. Advisors should be consulted regarding those courses.

Under certain conditions with the approval of the MBA Program Coordinator and the department chairman concerned, MBA students may earn up to maximum of 3 credit hours of Independent Study and/or Internship Credits which apply to graduation requirements.

MB - REQUIRED CORE COURSES

510 Business and its Environment (3 credits). This course involves examination of the interaction between business and the economic, social, political and legal order. By utilizing analysis of particular situations, it focuses attention on the broad effects of the total environment upon the administration of business. Emphasis is placed on students testing their own values as they relate the appropriate responsibilities of business to its various publics.
512 Statistical Methods for Business Decisions (3 credits). (Previously Quantitative Methods for Business Decisions.) To provide the MBA student with needed tools in both classical and Bayesian statistics. Specifically such classical subjects as the chi-square distribution and correlation analysis and regression will be covered. Bayesian statistics will be covered from subjective probabilities through decision tree analysis. In addition, hand-outs will be distributed giving examples of how these statistical tools simplify the student. The student who feels weak in math is advised to take M-561 as a refresher course. Either semester.

*519 Marketing Analysis (3 credits). This is a course designed to familiarize the student with marketing management tools and their decision-making process. Theory and practical applications of marketing strategies as they apply to pricing, product decisions, distributions and promotion programs in light of the marketing concept are examined. Prerequisite: Graduate standing. MB 512.

*530 Financial Management (3 credits). Analysis of financial problems and formulation of financial policies through case studies. Covers financing of current operations and long-term capital needs, income management and expansion policies. Prerequisite: MB 512.

*532 Accounting—Planning and Control (3 credits). A study of the planning and control processes within an enterprise to assist in the making of business decisions. Problems and cases are considered in profit planning and analysis, cost analysis for pricing, and capital budgeting. Overall objective is an understanding of improved techniques of cost planning and control.

*540 Organization Theory (3 credits). Problems of organization dynamics and behavioral science research findings and their application to business organizations.

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: MB 512.

579 Business Policy Formulation (3 credits). (Previously MB 513.) This course utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies. This course is designed as a capstone experience and MBA students are expected to have completed all other core courses prior to enrollment.

[Note: Required for a student with an undergraduate major in that field.]

MB - ELECTIVE COURSES

511 Business Research and Communication Techniques (3 credits). Analysis of the scientific method of inquiry and specialized research techniques. Evaluation of reports in terms of reliability and validity of conclusions. Development of a critical sense and analytical ability for effective expression in reports, articles and other forms of formal presentations. Opportunities for oral presentations of business information to groups and to lead and participate in such group interpersonal communication situations as conferences, meetings and discussions.

520 Marketing Problems (3 credits). Analytical approach to marketing problem solving and decision making, covering market definition, personal selling, advertising and sales promotion, channels of distribution, strategy formulation, product development procedures, and customer services. Case study approach is utilized.

541 Personnel Policy (3 credits). Human resource administration is examined and critically analyzed as it applies to business, government and institutional organizations. Analysis of factors underlying managerial policy decisions relating to selection, development, and motivation of human resources and of the personnel programs designed to implement these decisions. Current trends in the personnel field are examined.

542 Computer Applications for Management (3 credits). A review and analysis of computer-oriented applications used in reaching management decisions. Includes realistic applications presently used in the business environment such as linear programming, regression analysis, matrix analysis and other techniques vital to today's management.

Selected Topics in the following functional areas will be offered as staff availability permits. (3 credits each).

580 Selected Topics—Accounting
581 Selected Topics—Information Systems
582 Selected Topics—Economics
583 Selected Topics—Finance
584 Selected Topics—Industrial Psychology
585 Selected Topics—Management
586 Selected Topics—Marketing
590 Internship. Available on a selective, limited basis. MBA students should consult with advisors.

96 Independent Study (variable credits). Involves special projects undertaken by the MBA student, consisting of individual work suited to the needs and interests of the student. The course embodies research, discussions of the subject matter and procedures with a designated professor, and a documented paper covering the subject.

599 MBA Seminar (1 credit). The MBA Seminar will be offered each semester. Contemporary topics will be selected from the functional areas of business, based upon student interest and staff availability. Students may apply 3 hours of MB 599 toward MBA graduation credit.

UNDERGRADUATE "G" COURSES

AC 440 G Accounting Theory (3 credits). A specialized course to provide a frame of reference for advanced accounting students in theory of income, in assessed valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. Prerequisite: AC 206.

EC 421 G—EC 422 G Econometrics (3 credits). Study and application of the principles and mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor.

FI 450 Investment Management (3 credits). An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophies of portfolio management from the standpoint of banks, insurance companies, pension funds, and other financial institutions. Prerequisites: FI-303 and GB-306 or its equivalent. Either semester.

GB 441 G Government and Business (3 credits). A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included.

MK 415 G Marketing Research (3 credits). Consideration of the theory and use of research for particular marketing problems: methodology of planning and conducting research studies in various marketing situations. Prerequisite: MK-301.

MASTER OF ARTS IN SECONDARY EDUCATION* Business Education Emphasis

Admissions and Program

A. The master's degree program is designed to meet the needs of business teachers. Because of the large number of business courses offered at the secondary level and because of the unique "delivery systems" at that level, the program is designed with the flexibility and breadth considered necessary to meet a wide range of needs of those students enrolling.

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet the admission requirement for the degree.

Before Advancement to Candidacy can be granted, the student must:

1. ordinarily show eligibility for certification by the State of Idaho (or any other state), and
2. have completed the following prerequisite courses or their equivalent:
   a. Principles of Accounting . . . 6 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 100 Teacher Ed.) . . . 6
2. Business Courses . . . 12 credits chosen from:
   a. Business Education:
      (1) BE-511 Graduate Study in Business Education (required) . . . 3
      (2) BE-520 Curriculum and Instruction in Shorthand, Transcription, & Office Procedures . . . 3
      (3) BE-530 Curriculum and Instruction in Typewriting, Bookkeeping-Accounting, and Data Processing . . . 3
      (4) BE-540 Curriculum and Instruction in Basic Business and Economics . . . 3
      (5) BE-571 Organization and Supervision of Business Education . . . 3
      (6) BE-596 Independent Study . . . 3 credits
      (7) BE-599 Workshop in Business Education . . . 1-3
      (8) OA-501 Office Systems and Procedures . . . 3
      (9) BE-441G Principles and Organization of Vocational Education Programs . . . 3
      (10) BE-443G Administration and Coordination of Cooperative Programs . . . 3
   b. Business Administration . . . Minimum of 6 credits required chosen from MBA courses and/or "G" courses offered by Departments of Accounting and Data Processing, Management and Finance, Marketing

SCHOOL OF BUSINESS
Masters of Arts in Secondary Education
SCHOOL OF BUSINESS
Masters of Arts in Secondary Education

and Mid-Management, Economics, and Mathematics.

3. Free Electives ........................................ 9
4. Option of:
   a. Thesis - BE 593 .................................. 3-6
   b. Project - BE 591 ................................. 3-6
   c. Additional course work ........................... 3-6
5. Any approved 400-level "G" courses limited to 6 credits.

Course Offerings

A. Required Courses
   1. TE-560 Secondary Education Core Courses .......... 6
   2. BE-511 Graduate Study in Business Education .... 3
   3. BE-593 Thesis or BE 591 Project ................. 3-6
   The Department recommends a thesis or project.
   However, the option of additional hours in Business
   Education is available upon approval of the Commit-
   tee Chairman.

B. Elective Courses
   Additional courses as selected by the student and
   his graduate committee to meet program require-
   ments.

Additional Information

A. Culminating Activity and Examination.
   Students electing a thesis as a culminating activity will
   take an oral examination covering the thesis.
   Students electing additional course work will take a writ-
   ten and/or oral examination covering course work com-
   pleted in their degree program.

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:
   MB-510 Business and its Environment
   MB-511 Business Research and Communications
   MB-520 Marketing Problems
   MB-532 Accounting-Planning and Control
   MB-541 Personnel Policy
   MB-550 Managerial Economics

For additional details see pages 112, 113, or contact depart-
ment chairman, Department of Business Education and office
administration - (208)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: R. Downs

Department of Health, Physical Education and Recreation:
Chairman and Professor: Dr. Gene Cooper; Professor: Smith; Associate Professors: B. Bowman, R. Lewis; Assistant Professors: P. Bowman, Boyles, Connor, Holman, Jacoby, Jones, Sweeney, Thompsett, Vaughn, Young; Instructors: Fahleson, Wallace

Department of Athletics
Director: Mr. Lyle Smith; Assistant Director: R. Stephenson; Coaching Staff: Bankart, Conner, Cornwell, Connor, Dutton, Golden, Jacoby, Montgomery, Nickel, Vaughn, Young.

Department of Psychology:
Chairman and Professor: Dr. John L. Phillips, Jr.; Professors: Sickles, Smith; Associate Professors: Barness, Dodson, Ison, Snow, Thurber, Wilkinson; Assistant Professor: Stager

Department of Teacher Education & Library Science:
Chairman and Professor: Dr. John Jensen; Coordinator of Field Services: Dr. Ramlayka Singh; Professors: Barnes, Bullington, Chatburn, Frederick, Kirtland, McDonald, Wallace, Young; Associate Professors: Besta, Beter, Burch, Combs, Dahilig, Hill, Marks, Martin, Tucker, Reed, Wolfe; Assistant Professors: Bevill, Friedell, Green, Sadler, Schmaljohn, Singh, Waite.

Educational Media Center
Mr. Ben Hambelton, Director and Assistant Professor W. Christiansen, D. Graybeal, K. Rau.

Curriculum Resource Center:
Marian Fletcher, Librarian

Reading Education Center:
Director: Dr. William Kirtland, Marks, Frederick, Munns

Educational Television
Director and Assistant Professor: Mr. Jack Schlaefle; Berg, Cameron, Cape, Hansen, Korte, McArthur, Martin, Mickelson, Oakland, Pyle, Rawlings, Seward, Stevens, Streiff, Tessman
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.

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 during the sophomore year. This application will be secured and processed as a part of the TE-201, Foundations of Education course (required for certification).

Transfers who have completed an equivalent course in Foundations of Education shall contact the Chairman of the Department of Teacher Education.

B. General requirements for admission to the School of Education for elementary or secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements shall include:

1. Filing of the "Admission to the School of Education" application.
2. A minimum grade of "C" in TE-201 or its equivalent.
3. A satisfactory test score in a prepared "English Qualification Examination." This examination will be prepared and administered by the Department of Teacher Education. The test will be a part of the course work of TE-201, Foundations of Education, given in the sophomore year. Students who fail this examination will be advised as to procedures for improving writing skills. Students may reapply for future examinations and must pass the qualifying examination. Transfer students who have already taken the Foundations course at another institution will take the qualifying examination and will be subject to the above regulations.
4. "Pass" by the Foundations of Education instructor in oral communication.
5. Satisfactory completion of an observation and teaching assistant experience in a public or non-public elementary or secondary school. The experience is a part of the course work in TE 201, Foundations of Education, given in the sophomore year. Transfer students who have completed Foundations of Education will be required to have this experience. The intent of the requirement is to provide an opportunity for potential teachers to verify a desire to work with students in a school situation. Variations in the type of experience acceptable to the School of Education are to be approved by the chairman of the Department of Teacher Education.

**Admission to Student Teaching and General Policies**

A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education 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 chairman 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 the department chairman.
   c. A minimum grade point average of 2.25 in the major field, minor field if applicable, and the education courses completed.
   d. A minimum cumulative grade point average of 2.1.
   e. Satisfactory completion (minimum grade of "C") of 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
SCHOOL OF EDUCATION
Elementary Education

2. 200 Level
   a. TE-201 Foundations of Education 3
   b. TE-205 Approaches to Reading 3
   c. TE-271 Teacher Aide Practicum 2
   d. MU-371 Music Methods for the Elementary School Teacher 2
   e. PE-361 Elementary School Physical Education 3
   f. LS-316 Children’s Literature 3
   g. P-325 Educational Psychology 3

4. 400 Level
   a. TE-451 Elementary Curriculum and Methods I 5
   b. TE-452 Elementary Curriculum and Methods II 5
   c. P-311 Child Psychology 3
   d. TE-392 Education of the Exceptional Child 3
   e. TE-410 Elementary School Media I 1
   f. TE-411 Elementary School Media II 1
   g. TE-471 Elementary Student Teaching 5
   h. TE-472 Elementary Student Teaching of...
   i. TE-498 Senior Seminar - Elementary Education 2
   j. TE-499 Senior Seminar - Elementary Education 2

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 3
   GG-101 Introduction to Geography 3
   MU-101 Music Fundamentals 2
   Elective, Area I Requirement 3

   16 16

SOPHOMORE YEAR:
   1ST SEM.  2ND SEM.
   E-270 Survey of American Literature 4
   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

   16 16

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 Education 2
   P-325 Educational Psychology 3
   LS-316 Children’s Literature 3
   Electives (consider elementary speciality) 8 8

   16 16

   99
SCHOOL OF EDUCATION
Secondary Education

SENIOR YEAR: (no electives)

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE-311 Child Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>TE-392 Education Exceptional Child</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>TE-410 Elementary School Media I</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>TE-411 Elementary School Media II</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>TE-451 Elementary Curriculum and Methods</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>TE-452 Elementary Curriculum and Methods</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>TE-471 Elementary Student Teaching</td>
<td>5</td>
<td></td>
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<tr>
<td>TE-472 Elementary Student Teaching or Ed.</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>TE-473 Student Teaching Special</td>
<td></td>
<td></td>
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<tr>
<td>TE-498 Senior Seminar Elementary Education</td>
<td>2</td>
<td></td>
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<tr>
<td>TE-499 Senior Seminar Elementary Education</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

16 16

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" with in 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-301 Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>P-312 Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-325 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>TE-381 Secondary School Methods</td>
<td>3</td>
</tr>
<tr>
<td>TE-481 Secondary Student Teaching</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

In addition to these required courses, a student may choose from the following courses (if they are appropriate to his teaching field) to complete the required twenty semester credit hours. (A student may wish to take more than the minimum twenty credit hours.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-312 Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-325 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>TE-356 Production of Audio-Visual Materials</td>
<td>2</td>
</tr>
<tr>
<td>TE-371 Guidance for the Classroom Teacher</td>
<td>3</td>
</tr>
<tr>
<td>AR-351 Secondary School Art Methods</td>
<td>3</td>
</tr>
<tr>
<td>BE-401 Methods in Business Education</td>
<td>3</td>
</tr>
<tr>
<td>BE-421 Business Curriculum and Problems</td>
<td>3</td>
</tr>
<tr>
<td>CM-311 Speech Communication for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>CM-401 Methods of Teaching Comm.</td>
<td>3</td>
</tr>
<tr>
<td>E-301 Teaching English Comp.</td>
<td>3</td>
</tr>
<tr>
<td>E-381 Methods of Teaching Secondary School</td>
<td>3</td>
</tr>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>FL-310 Methods of Teaching Foreign Lang.</td>
<td>3</td>
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<tr>
<td>HY-211 Methods of Teaching History</td>
<td>3</td>
</tr>
<tr>
<td>M-490 Mathematics in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>MU-257 String Instrumental Techniques and</td>
<td>2</td>
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<tr>
<td>Methods</td>
<td></td>
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<tr>
<td>MU-266 Woodwind Instrumental Techniques</td>
<td>2</td>
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<tr>
<td>and Methods</td>
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</tr>
<tr>
<td>MU-368 Percussion Techniques and Methods</td>
<td>2</td>
</tr>
<tr>
<td>MU-369 Brass Instrumental Techniques and</td>
<td>2</td>
</tr>
<tr>
<td>Methods</td>
<td></td>
</tr>
<tr>
<td>MU-371 Public School Music</td>
<td>2</td>
</tr>
<tr>
<td>MU-385 Choral Methods and Materials</td>
<td>2</td>
</tr>
<tr>
<td>PE-425 Problems in Physical Education</td>
<td>2</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.

(OR)

(2) A single teaching field of at least 45 semester credit hours.

Following is a list of some of the teaching areas for which Idaho endorses certificates, regardless 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 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.

Journalism
Not less than fifteen semester credit hours in journalism and the remainder, if any, to be chosen from English.

Social Studies
Not less than six semester credit hours in American History and not less than three semester credit hours in American Government. In addition, work in two of the following fields to be represented: world history, geography, sociology, 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.

Business 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, and highway transportation.

SCHOOL OF EDUCATION
Student teaching
Have three years of satisfactory driving experience immediately preceding the time of teaching, as evidenced by the State Department of Law Enforcement, Traffic Safety Division.
This change given above was effective for all teachers of driver education in the State of Idaho on September 1, 1968.

Music
Credits to include work in theory and harmony, applied music (voice, piano, organ, band and orchestra instruments), History and Appreciation, Conducting, and music methods and materials.

Arts and Crafts
Credits to include work in four of the following areas: woodworking, drafting, ceramics, leather work, plastic, the graphic arts and art metal.

SECONDARY STUDENT TEACHING
Secondary Education Student Teaching for 1976-77 — 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 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 1977.

Concentrated Course Blocks And Student Teaching 1976-77 — 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)

Music
Secondary School Methods, TE-381 (3)

Communications (Speech)
Student Teaching No. 4 (6 credits) CCB No. 3
CCB Choices: (8-9 credits)
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: (8-9 credits)
Production of Audio-Visual Materials, TE-356 (2)
Secondary School Methods, TE-381 (3)

101
SCHOOL OF EDUCATION

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)
   Educational Psychology, P-325 (3)
   Speech Communication for Teachers, CM-311 (3)
   Secondary School Methods, TE-381 (3)
   History — Civil War and Reconstruction, HY-354

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)
   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)
   Educational Psychology, P-325 (3)
   Gymnastics, Apparatus, Fitness Techniques, PE-336 (2)
   Problems in Physical Education, PE-425 (2)
   Problems in Interscholastic Athletics, 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: Early Childhood 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-461 Child Behavior in Early Childhood Education - 3 credits.
   4. TE-464 Classroom Structure 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-496 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.

1. Required Courses (total of 17 credit hours)
   - Introduction to Use of Libraries 2
   - * Library Organization and Administration 3
   - * Reference and Bibliography 3
   - * Basic Book Selection 3
   - Cataloging and Classification 3
   - * Children's Literature 3
   - Audio Visual Aids in Education 2
   - Literature for the Adolescent 3

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
   b. TE-392 Education of the Exceptional Child 3
   c. TE-430 The Diagnosis of Learning Disabilities 3
   d. TE-431 The Remediation of Learning Disabilities 3
   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)
   a. PE-357 Rhythms for Kindergarten, Special Education and Elementary Teachers - 2 credits.
   b. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
   c. TE-371 Guidance for the Classroom Teacher - 3 credits.
   d. TE-440 Instructional Material for the Exceptional Child - 3 credits.
   e. TE-463 Teaching Strategies for the Mentally Retarded 3 credits.
   f. TE-470 Independent Study - 3 credits.

B. Mental Retardation

1. Required Courses (total of 17 credit hours)
   a. TE-391 Psychology of the Exceptional Child 3
   b. TE-392 Education of the Exceptional Child 3
   c. TE-420 Curriculum for the Mentally Retarded Child 3
   d. TE-421 Teaching Strategies for the Mentally Retarded Child 3
   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.

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.

Effective 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 98-100). Students selecting the Pre-physical Therapy option need not fulfill this requirement.
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)

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>FRESHMAN YEAR</th>
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<tbody>
<tr>
<td>PE 100</td>
<td>Health Education</td>
</tr>
<tr>
<td>PE 101</td>
<td>Introduction to Physical Education</td>
</tr>
<tr>
<td>PE 105</td>
<td>First Aid</td>
</tr>
<tr>
<td>PE 145</td>
<td>Field Sports and Basic Movement (W)</td>
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<tr>
<td>or PE 147</td>
<td>Soccer, Speedball and Basic Movement (M)</td>
</tr>
<tr>
<td>PE 146</td>
<td>Basketball, Tennis and Badminton (W)</td>
</tr>
<tr>
<td>PE 148</td>
<td>Basketball, Track and Field (M)</td>
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SOPHOMORE YEAR
(Upper Division Standing Required)

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<th>CREDITS</th>
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<tbody>
<tr>
<td>PE 230</td>
<td>Anatomical Kinesiology</td>
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<tr>
<td>PE 255</td>
<td>Evaluation in Physical Education</td>
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JUNIOR YEAR

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<tbody>
<tr>
<td>PE 304</td>
<td>Secondary School Physical Education Methods</td>
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<tr>
<td>PE 305</td>
<td>Personal &amp; Public Health Problems</td>
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<tr>
<td>PE 310</td>
<td>Physiological Kinesiology</td>
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SENIOR YEAR

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<td>PE 401</td>
<td>Psychology of Activity</td>
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<tr>
<td>PE 457</td>
<td>Organization &amp; Administration of Physical Education</td>
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Total Core Requirements 28

PHYSICAL EDUCATION REQUIREMENTS

ATHLETIC TRAINER OPTION

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<tr>
<td>PE 228</td>
<td>Introduction to Athletic Injuries</td>
</tr>
<tr>
<td>PE 451</td>
<td>Adaptive &amp; Corrective Physical Education</td>
</tr>
<tr>
<td>PE 402</td>
<td>Athletic Training &amp; Sports Medicine</td>
</tr>
<tr>
<td>PE 493</td>
<td>Internship in Physical Education (Athletic Training)</td>
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PRE-PHYSICAL THERAPY OPTION

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<tr>
<td>PE 228</td>
<td>Introduction to Athletic Injuries</td>
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<tr>
<td>PE 451</td>
<td>Adaptive &amp; Corrective Physical Education</td>
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<td>PE 493</td>
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SECONDARY PHYSICAL EDUCATION OPTION

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<tr>
<td>PE 311</td>
<td>Biomechanical Kinesiology</td>
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<tr>
<td>PE 451</td>
<td>Adaptive &amp; Corrective Physical Education</td>
</tr>
<tr>
<td>PE 361</td>
<td>Elementary School Physical Education Methods</td>
</tr>
<tr>
<td>PE 228</td>
<td>Introduction to Athletic Injuries</td>
</tr>
<tr>
<td>PE 202</td>
<td>Principles of Physical Education</td>
</tr>
<tr>
<td>PE 402</td>
<td>Athletic Training &amp; Sports Medicine</td>
</tr>
<tr>
<td>PE 451</td>
<td>Adaptive &amp; Corrective Physical Education</td>
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<tr>
<td>PE 493</td>
<td>Internship in Physical Education (Physical Therapy)</td>
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</table>
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.

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.
SCHOOL OF EDUCATION
Courses, PE

REQUIREMENTS FOR PSYCHOLOGY MAJOR
Bachelor of Arts or Bachelor of Science

I. Lower Division: CREDITS
A. Psychology (see Area II, below) 15-18
B. Other
1. Area I English Composition 3-6
2. Literature 3
3. Second Area I field* 3
4. Third Area I field* 3
5. Any Area I field** 3
2. Area II 15
6. History 3
7. General Psychology, P-101 3
8. Physiological Psychology, P-225 3
9. Intro to Practice of Psych, P-201 3
10. Third Area II field 3
3. Area III 19
11. Mathematics for the Life Science, M-115-116 10
12. Concepts of Biology, B-100 4
13. Human Physiology and Anatomy, Z-107 5
4. Area IV 15
14. Area IV 3
5. Area V 15
15. Area V 3

II. Upper Division:
A. Psychology 25
1. Statistical Methods P-305 3
2. Experimental Psychology P-321 4
3. Psychological Measurement P-421 3
4. Learning, P-441 3
5. Psychological Systems P-461 3
6. Electives in psychology 9
B. Upper Division Electives 15

III. Free electives (36-39 credits) 15

NOTE: Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.

* excluding performance courses
** including performance courses

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 skills, skills to help others 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 himself in the water 10 minutes comfortably. Must be able to jump into deep water fully clothed and float, tread water safely 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. Sighting procedures, gun parts, care of equipment and safety are stressed. Shotgun trap shooting 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.

106 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 where they can benefit twofold: (1) Help correct or rehabilitate their physical problem. (2) Avoid losing credit from an activity class they can no longer participate in. Students may remain in an adaptive section depending upon their need. Either semester.

107 Jogging (Coed) (1 credit). Instruction and individual participation in beginning endurance running. The student will be pre-tested and placed into a level suitable to his capabilities as to age and physical condition. It is designed as a program to develop and maintain the cardio respiratory system. Either 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 where they can benefit twofold: (1) Help correct or rehabilitate their physical problem. (2) Avoid losing credit from an activity class they can no longer participate in. Students may remain in an adaptive section depending upon their need. Either semester.

109 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 the cue, grip, stroke, and bridge. Rules, position play and playing strategy will also be taught. Either semester.

110 Water Polo (M) (1 credit). Designed to teach the skills, strategy, and rules of water polo. Prerequisite: adequate swimming skills. Each semester.

111 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. 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. Each semester.

134 Backpacking and Camping (Coed) (1 credit). Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, choice and practice of campsites, and emphasizes ecology in the outdoors. Students will furnish their own equipment. Either semester.

135 Karate (Coed) (1 credit). Karate may be defined as a weaponless means of self defense. The Karate techniques are based on the theory of energy conservation. The essence of Karate is the coordination of the mental and physical powers possessed by every human being. Students will furnish their Gi. Each semester.

136 Floating, Bobbing, Diving, Rhythmic Breathing, Treading Water (Coed) (1 credit). Designed to teach the fundamentals of floating, bobbing, diving, rhythmic breathing, and treading water. Students will furnish their own equipment. Either semester.

137 Basic Movement and Field Sports (W) and (M) (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.

138 Track and Field (W) and (M) (2 credits). Designed to teach the fundamentals of track and field events. Gymnastics and water activities. Prerequisite: Freshman standing. PE Major or consent of instructor. (Required of all PE Majors.) Fall semester.

139 Beginning Swimming (W) and (M) (1 credit). Basic water safety, skills and knowledge: floating, bobbing, diving, rhythmic breathing, treading water, and an introduction to the crawl, side stroke, elementary backstroke. For students that do not know how to swim. Each semester.

140 Intermediate Swimming (W) and (M) (1 credit). Advanced skills and knowledge in swimming. Each semester.

141 Beginning Basketball (W) and (M) (1 credit). The course consists of participation in basketball with consideration of fundamental skills, rules, and basic team strategy. Either semester.

142 Advanced Basketball (W) and (M) (1 credit). The course consists of participation in basketball with consideration of advanced skills, rules, and team strategy. Either semester.

143 Beginning Tennis (W) and (M) (1 credit). Designed to teach the basics of tennis. Basic terms, rules, and basic skills. Either semester.

144 Beginning Volleyball (W) and (M) (1 credit). The course consists of participation in volleyball with consideration of fundamental skills, rules, and basic team strategy. Either semester.

145 Beginning Archery (W) and (M) (1 credit). Designed to teach the basics of archery. The course includes instruction in the fundamental techniques of all phases of archery. Fall semester.

146 Beginning Field Hockey (W) and (M) (1 credit). Designed to teach the fundamentals of field hockey with consideration of fundamental skills, rules, and team strategy. Either semester.

147 Beginning Modern Dance (W) and (M) (1 credit). Designed to teach basic modern dance techniques and an introduction to movement from different cultural backgrounds. Either semester.

148 Beginning Band (W) and (M) (1 credit). The course consists of participation in band with consideration of fundamental skills, rules, and team strategy. Either semester.

149 Beginning Band (W) and (M) (1 credit). Designed to teach the fundamentals of band with consideration of fundamental skills, rules, and team strategy. Either semester.

150 Beginning Band (W) and (M) (1 credit). The course consists of participation in band with consideration of fundamental skills, rules, and team strategy. Either semester.

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185 Beginning Band (W) and (M) (1 credit). Designed to teach the fundamentals of band with consideration of fundamental skills, rules, and team strategy. Either semester.

186 Beginning Band (W) and (M) (1 credit). The course consists of participation in band with consideration of fundamental skills, rules, and team strategy. Either semester.
235 Advanced Karate (Coed) (1 credit). This course provides for continuation of the techniques learned in Beginning Karate. Instruction will be in greater depth in the art of Karate. Participants will be encouraged to seek degrees of rank. Prerequisite: PE 230.

135. Beginning Karate or instructor’s permission. Either semester.

245 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 Tennis, 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, sidehine, and in tumbling. Each semester.

255 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-court moves, advanced serve, and attack. Prerequisite: Experience or instructor’s permission. Either semester.

262 Intermediate Volleyball (W) (1 credit). The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor’s permission. Each semester.

264 Intermediate Volleyball (M) (1 credit). Review and practice of basic skills. Will provide advanced instruction in individual and team play. Prerequisite: PE 164. Beginning Volleyball or playing experience. Each semester.

265 Intermediate Basketball (W) (1 credit). The course consists of participation in basketball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor’s permission. Spring semester.

269 Intermediate Tennis (Coed) (1 credit). Review of basic fundamentals followed by more advanced drills to develop depth, steadiness, and control. Game experience and strategy. Prerequisite: Beginning tennis or playing experience. Each semester.

273 Intermediate Gymnastics (W) (1 credit). Review of beginning and development of intermediate-advanced gymnastic skills for women. Emphasis on performing combinations, compulsory, and optional routines. Prerequisite: Beginning gymnastics or instructor’s permission. Each semester.

275 Beginning Field Hockey (W) (1 credit). The course consists of participation in field hockey with consideration of advanced skills, team strategy and officiating. Prerequisite: Payment experience or instructor’s permission. Either semester.

276 Advanced Soccer (M) (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. Each semester.

277 Weight Training (W) (1 credit). Techniques and skills for individual fitness with emphasis on weight training and weight lifting procedures for individual conditioning programs. Each semester.

278 Intermediate Gymnastics (M) (1 credit). This course is designed for 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 helping each 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. Each 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-saving and basic swimming strokes and skills followed by how to teach on swimming and water safety courses. Prerequisite: A current ARC senior lifesaving certificate and an ARC swimmer level of skill, and interest in teaching. Successful completion qualifies the student for ARC WSI certificate. Each semester.

285 Intermediate Golf (Coed) (1 credit). This course is a continuation of beginning golf. Taught by professional instructors for those students who have completed golf 101 or who consider themselves to be beyond the beginning stages of the game. All of the basic fundamentals will be reviewed, but a greater emphasis will be placed on golf 181 or 182. Prerequisite: Instructor’s permission. Each semester. Green fee approximately $10.00.

286 Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport, including basic skills and strategies of fencing. Each semester.

287 Intermediate Fencing (Coed) (1 credit). A review of basic skills and strategies; advanced techniques and court practice with electrical equipment: Introduction of competitive fencing including judging and instructing 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. Advanced techniques and technical information. Prerequisite: Instructor’s permission. Each semester. Bowling fee approximately $10.00.

301 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and training on the systems of the body with emphasis on the preparation of training programs for specific activities. Prerequisite: Anatomical Kinesiology PE 230. Either semester.

309 Personal and Public Health Problems (Coed) (3 credits). Study of personal health problems with emphasis on implications for family life, mental health, disease, degenerative diseases, nutrition, tobacco and drugs, health and sanitation problems in the community. Prerequisite: Junior standing or instructor’s permission. Required of all PE Majors. Either semester.

310 Psychological Kinesiology (Coed) (2 credits). Methods of teaching physical education: Program development—methods of instruction in physical education. The purposes and requirements of the physical education program, with emphasis on program planning, methods, and materials of instruction. Prerequisite: Professional activities—4 hours, junior standing or instructor’s permission. Required of all PE Majors. Either semester.

315 Methods of Teaching Physical Education (Coed) (2 credits). Program development—methods of instruction in physical education. The purposes and requirements of the physical education program, with emphasis on program planning, methods, and materials of instruction. Prerequisite: Professional activities—4 hours, junior standing or instructor’s permission. Required of all PE Majors. Either semester.

319 Techniques and Methods of Coaching Football (Coed) (2 credits). Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing or instructor’s permission. Either semester.

320 Techniques and Methods of Coaching Wrestling (Coed) (2 credits). Offense and defense in wrestling, equipment and training, meets and tournaments, wrestling styles and conditioning for wrestlers, rules of the game. Prerequisite: Junior standing or instructor’s permission. Either semester.

321 Biomechanical Kinesiology (Coed) (2 credits). The application of the principles of mechanics and laws of physics in analyzing the motor movements of man and in teaching fundamental techniques of sports activities. Prerequisite: Anatomical Kinesiology PE 230 and Physiological Kinesiology PE 310. Either semester.

323 Techniques and Methods of Coaching Basketball (Coed) (2 credits). Methods of teaching offensive and defensive play, styles of play, and basketball strategy. Prerequisite: Junior standing or instructor’s permission. Either semester.

324 Techniques and Methods of Coaching Baseball (Coed) (2 credits). Team leadership and organization, selection and evaluation of personnel, practice organization, playing fundamentals, offensive and defensive strategies of the game of baseball. Prerequisite: Junior standing or instructor’s permission. Spring semester.

327 Techniques and Methods of Coaching Track and Field (Coed) (2 credits). The theory and methods of coaching the various events in track and field and the planning of meets. Prerequisite: Junior standing or instructor’s permission. Spring semester.

336 Techniques and Methods of Coaching Women’s Gymnastics (Coed) (2 credits). Techniques of teaching gymnastics to girls and women. Emphasis placed on progressions, safety, and conditioning. Prerequisite: Junior standing and Beginning Gymnastics or instructor’s permission. First semester.

341 Dance Techniques (Coed) (2 credits). A course in methods of teaching dance in secondary schools. Areas included are folk and square dance, social dance, modern dance, and rhythmic gymnastics. Prerequisite: Junior standing or instructor’s permission. Either semester.

346 Instruction and Practice in Rhythms (W) (1 credit). For professional students. Instruction and practice. Rhythms. Spring semester. Prerequisite: Junior standing. PE Major or consent of instructor.

347 Wrestling and Weight Training (M) (1 credit). For professional students. Instruction and practice. Wrestling and weight training. Fall semester. Prerequisite: Junior standing. PE Major or consent of instructor.

357 Dance for Children (Coed) (2 credits). The analysis of the fundamentals. The development of skills, and the application of techniques in teaching dance in Kindergarten, special education and elementary school physical education. To include: basic fundamental movements, singing games, Danish gymnastics, folk dancing, square dances, round dances and mixers, fitness to music and creative dance. Prerequisite: Junior standing. Spring semester.

359 KINDERGARTEN AND SPECIAL EDUCATION PHYSICAL EDUCATION METHOD (Coed) (2 credits). This course is designed for future kindergarten and special education teachers and physical education specialists with emphasis on the physical needs of children, the selection and analysis of fundamental skills, the development of skills and the application of various methods of instruction at the kindergarten and special education grade levels. Prerequisite: Junior standing. Fall semester.

361 ELEMENTARY SCHOOL PHYSICAL EDUCATION METHODS (Coed) (3 credits). The course is designed for future elementary school teachers. To include: basic gymnastics, folk dancing, and rhythmic gymnastics for the elementary school physical education specialist. Emphasis will be placed on teaching individuals. Prerequisite: Junior standing or instructor’s permission. Either semester.
not earn credits in this course and in Human Growth and Development P-210.
Prerequisite: General Psychology 101. Either semester.

321 Experimental Psychology (3 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-hour laboratory periods per week. Prerequisite: General Psychology 101. Statistical Methods P-305 and Mathematics for the Life Sciences M-115-116. Either semester.

328 Educational Psychology (3 credits). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Either semester.

341 Perception (3 credits). A survey of the basic concepts in the psychology of perception, including a review of the findings of present day research on the receptor processes. Prerequisite: General Psychology 101. Offered alternate years. Spring semester.

351 Personality (3 credits). A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Fall semester.

353 Psychopathological Psychology (3 credits). Human emotion and motivation from the points of view of Freudian and Adlerian theories, and from the viewpoints of the newer schools of thought. Prerequisite: General Psychology 101. Suggested companion course — either earlier or later — Personality 350. Spring semester.

401 Psychology of Activity (Coed) (3 credits). Concepts of learning, value formation, motivation, emotion and stress as they relate to the beginning and ascent of human life. Prerequisite: General Psychology 101. Either semester.


425 Problems in Teaching Physical Education (Coed) (2 credits). CCBI). A course for senior students who have completed student teaching. Students will critically reconsider problems encountered in student teaching and attempt to solve them. The opportunities for individual research will be provided. Prerequisite: Student teaching. Fall semester.

430 Organization and Administration of Interscholastic Athletics (Coed) (2 credits). The organization and management of interscholastic athletics including planning, finance, personnel, facilties, equipment, supplies, scheduling, records, public relations, legal responsibilities, professional relationship, and professional advancement. Prerequisite: Secondary School Physical Education Methods.


457 Organization and Administration of Physical Education (Coed) (3 credits). Study of various techniques, organization, instructional and recreational programs, supervision of instruction, physical plant, and finance. Prerequisite: Junior standing in instructor's permission. Either semester.

471 Techniques and Methods for Coaching Women's Volleyball and Field Sports (2 credits). The course will be designed to prepare women to teach and coach team sports. Areas covered will include, organizing the team, scheduling and facilities, coaching methods, drills and practice sessions, and advanced team strategy. Sports considered will be field hockey, volleyball, track and field, and softball. Prerequisite: Secondary School Physical Education Methods. Either semester.

493 Internship in Physical Education (1-6 credits). A field experience in a Physical Education related area that provides a structured practicum related to the students' professional background and career objective. The program is primarily concerned with the understanding of the theory and practices of the type of activity to which the student has been assigned. Required for graduation in Physical Education in some options. Prerequisite: Junior standing. P-105 First Aid. P-228 Introduction to Athletic Injuries. P-230 Anatomical Kinesiology, one coaching methods class. Contact Physical Education Office for additional information.

P 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 biological system, learning, thinking, individual differences, personality and adjustment. Recommended (not required) preparation. One year of college-level science. Each semester.

201 Intro to Practice of Psychology (3 credits). An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct instruction, through lecture and discussion, on the practical applications of psychology to everyday life. 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 Human Growth and Development P-210. Prerequisite: General Psychology 101. Each semester.

225 Physiological Psychology (3 credits). A survey of classical and current problems, with emphasis on the various and diverse systems in the processing of information with the organization of behavior. Examples of the relationships of motivation, emotion, and learning will be studied from this point of view. Prerequisite: General Psychology 101, B-107 Human Physiology and Anatomy, and consent of instructor. Fall semester.

Upper Division

(INOTE: Upper-division psychology courses are saved for upper-division students.)

301 Abnormal Psychology (3 credits). A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of the various preventive and remedial practices. Prerequisite: General Psychology 101. Either semester.

305 Statistical Methods (3 credits). Statistical concepts and methods commonly used in the life sciences. Topics covered will include descriptive measures of central tendency and of variability, inferential measures, probability, and simple analysis of variance. Prerequisites: Mathematics of the Life Sciences M-115-116. Either semester.

311 Child Psychology (3 credits). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Student may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Either semester.

312 Adolescent Psychology (3 credits). Chronologically a continuation of Child Psychology P-311, the course will emphasize the special conditions of adolescent growth and adjustment. Consideration will be given to maturational and social development. Emphasis will be placed on the behavioral, learning, and other psychological conditions, which are unique to this era. Prerequisite: Human Growth and Development P-210. Prerequisite: General Psychology 101. Spring 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-hour laboratory periods per week. Prerequisite: General Psychology 101. Statistical Methods P-305 and Mathematics for the Life Sciences M-115-116. Either semester.

328 Educational Psychology (3 credits). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Either semester.

341 Perception (3 credits). A survey of the basic concepts in the psychology of perception, including a review of the findings of present day research on the receptor processes. Prerequisite: General Psychology 101. Offered alternate years. Spring semester.

351 Personality (3 credits). A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Fall semester.

353 Psychopathological Psychology (3 credits). Human emotion and motivation from the points of view of Freudian and Adlerian theories, and from the points of view of the newer schools of thought. Prerequisite: General Psychology 101. Suggested companion course — either earlier or later — Personality 350. Spring semester.

401 Senior Research Practicum (3 credits). A systematic coverage of the general principles and essential details of psychology and an opportunity to teach them to others. Seminar discussions of problems related to the materials covered. Practical experience in managing large classes and especially in rendering academic assistance to beginning students. Seminar discussion of difficulties encountered by those students — e.g., test anxiety and poor study habits — and of methods of presenting subject matter. Prerequisites: Junior standing; P-105 First Aid. Either semester.


431 Social Psychology (3 credits). Social factors affecting individual behavior: formation and change of attitudes; social and cultural effects on individual cognitions; effective leadership on group interaction. This course may be taken for Psychology or Sociology credit but not for both. Prerequisite: General Psychology 101 and introduction of Sociology 101. Either semester.


441 Learning (3 credits). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: Conditioning, conditioning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101. Mathematics for the Life Sciences M-115-116. Statistical Methods P-305. Experimental Psychology P-321 may be taken before or concurrently with Learning. Either semester.

461 Psychological Systems (3 credits). Theories and controversies of the past and present. Prerequisite: General Psychology 101 and introduction of Sociology 101. Either semester.

489 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. Recommended projects: A course which will contribute to the body of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school. Prerequisites: General Psychology 101, Mathematics for the Life Sciences M-115, 116. Statistical Methods P-305. Experimental Psychology P-321, and consent of the instructor. Fall semester.

Graduate

603 Individual Testing Practicum (3 credits). Emphasis in this course will be on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations relating to intelligence tests are surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics M-115, 116; Statistics P-305; and Psychological Measurement P-421. Open to qualified seniors with consent of instructor. Limited enrollment. Spring semester.

TE TEACHER EDUCATION

Lower Division

108 Developmental Reading (2 credits). The course is designed to develop the skills of reading by each individual through the enhancement of the individual's aptitudes in vocabulary development, familiarity with subject matter, locating the main idea, recognizing paragraph patterns and types, skimming and scanning, study skills, and
SCHOOL OF EDUCATION
Courses, TE

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 preceptorship 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 continue in this line of study. Admission to Teacher Education Program will be 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 reading. The course includes a review of a wide selection of media from the Reading Education Center. Also included is the observation of the use of materials and media in classroom situations.

271 Teacher Aide Practicum (2 credits). As a part of the total in school preprofessional experience of teachers, this sophomore level course provides an opportunity for students to become familiar with practical problems of school teaching. Included are two-hour orientation seminars with a university supervisor and approximately 24 hours of direct "aideing" experience in cooperating elementary school classrooms. Class attendance and scheduling of teaching aide hours are assigned in cooperation with participating schools. Periodic seminars and evaluations are arranged by university supervisor.

Upper Division

356 Production of Audio Visual Materials (2 credits). Motion pictures, graphic materials, filmstrips, lantern slides, field trips and audiotape aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved. Each semester.

358 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 will tutor a pupil assigned from the Reading Education Center and the Curriculum Resource Center. Also included is the observation of the teacher's and student's behavior in the classroom.

371 Guidance for the Classroom Teacher (3 credits). A study of the guidance activities normally carried on by the classroom teacher. Each semester.

381 Secondary School Methods (3 credits). A study of the overall program and objectives of the secondary school with special attention given to methods and materials of instruction. Application. Prerequisite: Admission to the School of Education. This course, and/or a special methods course, should be completed prior to student teaching. Each semester.

391 Psychology of the Exceptional Child (3 credits). A psychological study of children who deviate from the average mentally, physically, socially, and emotionally to such an extent that special treatment is needed. Problems of identification, diagnosis, treatment, training, and employment are considered. Prerequisite: Educational or Child Psychology. 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 real controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety. Spring and Summer semesters.

394 Advanced Driver Education (2 credits). A course designed to provide advanced practice in rules and practices of driver and traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE 393. Spring and 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 in the schools, traffic safety, student transportation, and the school's role relative to safety problems with other public and private agencies. Prerequisite: Upper division standing.

410 Elementary School Media (1 credit). First semester of two semesters. First semester has emphasis upon media production and the elementary teacher and the basis experiences in the areas of illustration, preservation, lettering and coloring of 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. Media 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 mentally retarded and the methods and adaptations necessary in the education of the student. A basic approach to 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.

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 these disorders. Fall semester.

431 The Remediation of Learning Disabilities (3 credits). Emphasis is placed on the recognition and development of the prescriptive educational needs of the student indicating learning disabilities. The course provides the teacher with tools for planning the remedial educational program needed for the comprehensive and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE 430 or consent of 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 that the teacher of the exceptional child will use in the classroom activities in 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.

461 Elementary Curriculum and Methods I (6 credits). The first semester of Elementary Curriculum and Methods with an emphasis upon language arts and social studies. All aspects of curriculum are included. Prerequisite: Elementary Curriculum and Methods I. To be taken concurrently with Student Teaching TE 471. Fall semester.

462 Elementary Curriculum and Methods II (5 credits). The second semester of Elementary Curriculum and Methods with an emphasis upon scientific, social studies, and mathematics. However, all aspects of curriculum are included. Prerequisite: Elementary Curriculum and Methods I. 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 engineered classroom and the psychological principles of development. Prerequisites: Each course is based on individual differences in children with practical suggestions offered for implementing special techniques. Spring semester.

462 Curriculum in Early Childhood Education (3 credits). All areas of the curriculum will be explored. Emphasis will be placed on understanding of curriculum, and applications made to large groups, small groups, and individualized instruction. Class will be individualized to meet needs of enrolling students. Fall semester.

463 Teaching Strategies in Early Childhood Education (3 credits). Learning centers, instruction, and teaming to develop early childhood education. Fall semester.

464 Classroom Structure in Early Childhood Education (3 credits). Philosophy, curriculum, role of the teacher, British infant and demonstration projects in the U.S. are presented. Applications to individual teacher's classrooms are explored. Spring semester.

470 Elementary Student Teaching (3 credits). Observation and supervised teaching in the schools of Boise. Summer semester.

471 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching, Senior standing, and G.P.A. 2.25. Fall semester.

472 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisite: TE 351. To be taken concurrently with Elementary Curriculum and Methods TE 352. Spring semester. Spring and Summer semesters.

481 Secondary Student Teaching (6 credits). Supervised student teaching in a secondary school. Prerequisites: (1) Admission to the School of Education. Completion of Secondary Methods, or a special methods course in the teaching area with a minimum grade of "C". Second semester. Fall and Spring. GPA of 2.0 required. Fall semester and Summer semester. 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 School Services by March 1 of the junior year. Either semester.

491 Special Education Techniques-Practicum (4 credits). Provides the student with an opportunity to experience special education programs in special education, regular education, and in the classroom. In-depth field study of the exceptional child will be conducted by participants in gaining greater knowledge related to their interest in special education. Either semester.

499 Senior Seminar—Elementary Education (2 credits). Fall semester.

999 Senior Seminar—Elementary Education (2 credits). Spring semester.

010 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 several subject fields. Open to any student but designed primarily for freshmen, sophomores and new students. Recommended for education majors. Fall semester.
ssteam from other graduate schools upon approval of the chair-
and the Dean of the School of Education prior to acceptance In
person 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 instruc-
tion. The candidate, in cooperation with the advisor, will choose
courses which will meet the individual needs as a teacher. Spe-
cific 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 con-
tinue as a generalist in Education. A broad curriculum rather than a speciality 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 specialities such as Art, Mathematics, and Music. The committee chairperson has information re-
garding approved subject areas.

COURSES

Required of All Candidates
I. Core program of 9 credit hours, consisting of TE-570-571,
   and two 1-credit hour classes, is required of each
candidate. Courses are as follows:

   TE-570 Comprehensive Core for Elementary Education (total of 6 cre-
   dits). The comprehensive core includes a number of presentations on current
   issues in education. Presentations are followed by discussions within small
   groups. A culminating activity is the development of a paper presenting the
   student's position or view regarding a particular issue. Summer.
   TE-583 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. Summer.
   II. Two 1-credit hour classes from the following list:

   TE-566 Interpreting Education Research (1 credit) Summer. (See secondary
courses for description)
   TE-567 Teaching Subject Content Through Reading (1 credit) Summer. (See
   secondary courses for description)
   TE-569 Techniques of Classroom Management (1 credit) Summer. (See se-
condary courses for description)
   TE-573 Creative Teaching - Elementary School (1 credit). A mini-course for
   elementary teachers seeking to explore factors associated with creativity, estab-
   lishing creative learning environments, and techniques and strategies enhanc-
   ing creative and productive expression in the elementary school classroom.
   Special emphasis is placed on designing usable classroom techniques
   for creative teaching, and on evaluating growth in creativity of children.
   Prerequisite: Graduate Status. Summer.

   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 re-
   lated to instruction or some other aspect of the elementary
   program.

Curriculum in Education - Courses

Curriculum in Education - Courses

Twelve semester hours of credit must be chosen from cours-
es 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). The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed. Each semester and summer.

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 methods, 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 methods employed in providing 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 principles in modern elementary science concepts will be developed. Particularly reference will be made to selecting and organizing content and experimental activities. Fall semester.

Cluster II (Choose at least one course)

TE-505 Individual Tests and Measurements (3 credits). An intensive investigation is pursued in the field of individual testing, measurement and evaluation. Spring 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 will be 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 Practice (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, interview 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, emphasizing those principles that are new, 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 in Education

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 presented. 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.

TE-531 Education for the Culturally Different Learner (3 credits). (See Secondary courses for description). Fall semester.


TE-565 Supervision in Schools (3 credits). (See Secondary courses for description). Summer, Fall semester, and Spring semester.

TE-559 Values and Ideology in Education (3 credits). (See Secondary courses for description). Spring semester.

P-588 Seminar—Adolescent Psychological Problems (3 credits). (See Secondary courses for description). Fall semester.


Curriculum in Education—Core Enriched

Candidates complete 12 to 15 credit hours within the area of emphasis. The remaining 3 to 6 credits may be selected from the offerings previously listed.

Curriculum in Reading Education

Candidates complete 12 credit hours as listed. The remaining 6 credits may be selected from the offerings previously listed.

TE-501 Advanced Practices and Principles in Teaching Reading (3 credits). The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed. Each semester and summer.

TE-502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) (3 credits). The role of the special reading teacher and his type of screening devices is developed. Various standardized and informal reading tests are put into practice by working with a child in the Reading Center. A case study culminates the course. Prerequisite: TE 501. Fall semester and summer.

TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3 credits). Remediation approaches and techniques for disabled readers is emphasized. Training is fostered by tutoring a child under supervision in the Reading Center. Prerequisite: TE 502 Spring semester and summer.

TE-504 Seminar in Reading Education (3 credits). The significant research concerning all phases of reading is abstracted and discussed in small group settings. Instruction in how to read Reading Research is included. Instruction in Reading is research in reading is developed. Prerequisite: TE 503. Fall semester and Summer.

MASTER 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, Chemistry, Earth Science, English, History, Mathematics, Music, and Theatre Arts 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 a combination of departments.

2. The degree will include a minimum of 27 hours plus from 3 to 6 semester hours for the culminating activity.
3. Each candidate’s program shall include a minimum of 20 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. They and are drawn from such areas as politics, economic theory, social trends, educational theory, and human behavior. In each, each student is involved in the critical analysis of 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. 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 and for classroom instruction. Emphasis is on behavioral theory and cognitive theory—on how children learn according to psychological greats 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 curricula designs will be examined and the learning theory they are based 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 establishing and maintaining healthy and productive classroom environments. Active participation by class members will be required. Topics to be included (1) motivation, (2) cooperative learning, 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 and certification of teachers in second- ary education. The development and refinement of testing and grading methods will be emphasized. Active participation by class members will be required. Prerequisite: Graduate Status. Summer.

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 to 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 psychological and social factors are interpreted in accordance with prevailing values. The course will be problem centered and since the problems will be drawn from various minority groups 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. Socioeconomic 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-555 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 practice. Prerequisite: Graduate Status. Fall and Spring semester.

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 these 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 and 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.
Associate Dean: JoAnn T. Vahey, Ed.D.

INTRODUCTION

Today's health care systems are undergoing remarkable changes. This is largely due to the increasing consideration by all citizens that good health care is a basic human right. Delivery and maintenance of this level of health care require the efforts of many different professional people and technicians, all equally committed to the same goal and acting as a team.

Essentially, two major kinds of team members exist: one group is responsible for creating and maintaining institutional service programs which support the physician in his work of diagnosis and treatment; the other group, upon the request of the physician, provides direct patient care of an evaluative and treatment nature.

The School of Health Sciences at Boise State University, with its affiliated teaching hospitals, offers instruction in several programs on Pre-Professional Studies, Nursing, Allied Health Studies and Community and Environmental Health. The School and its faculty are also dedicated to service in both community and state activities dealing with health. In addition the School of Health Sciences feels a responsibility to provide continuing education for the practicing health professionals. Indeed, the primary objective of the School is to support the maintenance of optimal health through education.
SCHOOL OF HEALTH SCIENCES

Nursing

CLINICAL AFFILIATES
Boise Convalescent Center, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Grand Oaks Health Care Center, Boise, Idaho
Idaho Elks Rehabilitation Hospital, Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke's Hospital, Boise, Idaho
Sunset Nursing Home, Boise, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho

ADVISORY COUNCIL
Clayton C. Morgan, M.D., Chairman
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
Robert M. Gudmundsen, D.D.S.
Adjunctive Associate Professor
Lawrence L. Knight, M.D.
Adjunctive Associate Professor
Robert S. Matthies, M.D.
Adjunctive Associate Professor
David K. Merrick, M.D.
Adjunctive Associate Professor
Robert H. Sabin, M.B.A.
Adjunctive Assistant Professor
Sister Justine Marie, C.S.C.
Adjunctive Assistant Professor
Mary Nelson, R.N.
Adjunctive Assistant Professor

DEPARTMENT OF NURSING:

Advisory Board to the Department of Nursing:

DEPARTMENT OF PREPROFESSIONAL STUDIES
Medical Director and Adjunctive Associate Professor: M.M. Burkholder. M.D. Dental Director and Adjunctive Associate Professor: Robert M. Gudmundsen, D.D.S. Coordinator of Advisors and Associate Professor of Zoology: E.G. Fuller. Ph.D.

DEPARTMENT OF ALLIED HEALTH STUDIES
Medical Technology
Medical Director: L.L. Knight. Director of Clinical Instruction and Adjunctive Associate Professor: L. Beals. Associate Professor of Zoology. Academic Coordinator: E.G. Fuller. Ph.D.

Radiologic Technology

Respiratory Therapy

Medical Record Science

Medical Office Assistant
Acting Director: Elaine Rockne

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH:

DEPARTMENT OF NURSING
The Boise State University Department of Nursing operates within the philosophy of the total university. Students enrolled in the nursing curriculum work and socialize with students in various other fields of study on the campus.

The Department consists of two divisions: a two-year lower division Associate Degree program and a two-year upper division program terminating in a Baccalaureate Degree. Admission to upper division study is available to RN's only.

LOWER DIVISION ASSOCIATE DEGREE
Courses offered include clinical experience in area health facilities. The program is accredited by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools, and the National League for Nursing. Graduates are eligible to write the examination for licensure as a registered nurse.

Philosophy
The faculty believes nurses can best be educated in an academic institution because general education promotes development of the individual as a member of society as well as a member of the nursing profession.

Believing that the goal of nursing is health, the curriculum is based on the concept that man has seven basic needs which must be maintained to attain and preserve health. Preparation of students is aimed toward fulfillment of health needs of society today as well as allowing peaceful death to the terminally ill. Health is viewed as a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity. The nursing curriculum emphasizes clinical practice as well as theoretical preparation in the seven basic need concepts of oxygen, mental health, nutrition, elimination, activity, safety, and comfort. Safe, knowledgeable patient-centered nursing care is the standard for advancement in all nursing courses. The courses place emphasis on common health problems with limited exposure to care of the critically ill patient. The curriculum develops student's abilities to apply principles of nursing in clinical practice.

Each student entering the program brings a background of individual abilities and attributes. The faculty believes that each student's interests and abilities should be recognized and promoted within the nursing program. Students are prepared in concepts of nursing care for use in various settings; emphasis is placed on the importance of continued learning in the individual's chosen field.

In order to allow development of the individual to the maximum of his/her potential, individual counseling and evaluation are an integral part of each nursing course.

Objectives: The Graduate:
1. Recognizes basic human needs and formulates ways of meeting them within the practice of nursing.
2. Recognizes deviations from basic health and intervenes to promote optimum health.
3. Demonstrates effective decisions in the practice of nursing and accepts accountability for his actions.
4. Uses basic knowledge and concepts for developing skills and underlying nursing care.
5. Communicates for the purpose of promoting progress in the patient's health care.
6. Demonstrates sensitivities and abilities for good interpersonal relations.
7. Is acquainted with community health problems and resources.
8. Shows insight concerning his own feelings and behavior.
9. Recognizes his/her role as a technical nurse on the health team.

Admission

Admission to the lower division Nursing Program is based upon general university requirements. Additional requirements for lower division study are as follows:

All applicants will be reviewed by the Admission, Promotion, and Graduation Committee of the Department of Nursing after March 1. Applicants are considered for admission on the basis of educational and experiential background.

All applicants will be placed in one of four groups.

1) High School graduates will be considered for admission on the basis of A.C.T. Scores; a composite standard score of not less than 20, plus a 70th percentile rating, or S.A.T. total score of 888 or above and a high school grade point average of 2.75 or above at the end of the seventh semester. A.C.T. or S.A.T. scores must be submitted prior to March 1.

2. Licensed Practical Nurses will be considered for admission on the basis of a high school diploma or G.E.D., a score of 500 or better on the State Board Examination, a letter of recommendation from the present employer, and a letter of recommendation from the present employer. Licensed Practical Nurses previously enrolled in college must have a G.P.A. of 2.75.

3. College students who have earned a minimum of 15 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.

4. 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 general admission requirements according to the appropriate category and standards as outlined in items 1, 2, and 3 above.

Applicants who have previous education and/or experience in nursing may apply to take the Regents External Degree Exams to challenge one or two semesters of nursing. Individuals who are interested in challenge should make an appointment with the Program Director, Associate Degree Nursing, for further information.

Among equally qualified applicants in each of the four groups, students will be selected with consideration to minority groups and to students from all geographic regions served by Boise State University. All applicants to the Nursing Program will receive a letter indicating acceptance or non-acceptance.

All applicants admitted to the Nursing Program are required to:

1. Submit a Medical Data form and a chest x-ray to the Student Health Center prior to August 1.
2. Purchase a Boise State University Student Nursing uniform.
3. Submit a special nursing laboratory fee of $25.00 for Fall Registration. (Yearly)
SCHOOL OF HEALTH SCIENCES
Nursing

Objectives:
1. Demonstrating effective relationships with individuals/groups.
2. Demonstrating a high level of skill competency in his/her chosen area of concentration.
3. Demonstrating professional behavior, and
4. Becoming an effective change agent in the health care service within the community.

Objectives: ADMISSION

A. All applicants must:

1. Possess a current license as a registered nurse. Students with licensure granted by another state must acquire licensure from Idaho prior to being assigned to learning experiences in health agencies in this state (with the exception of federal reservations).
2. Have at least one year work experience in nursing within the last two-year period (petitions for exemption of work experience requirement will be submitted to the Baccalaureate Faculty Committee).

B. Applicants for a Baccalaureate Degree:
Applications must have successfully completed 34 credits in lower division general education courses which must include chemistry, anatomy/physiology*, nutrition*, microbiology*, English and a behavioral science with a cumulative GPA of 2.75. *Equivalency can be requested.

C. Applicants not seeking a Baccalaureate Degree:
Applicants to a course/module in nursing need not have completed the general education requirements but MUST have completed prerequisites to nursing courses in which they are going to enroll.

D. Selection will be made from the qualified applicants according to the criteria determined by each area of concentration. These criteria are published and available in the Baccalaureate Program of Nursing.

APPLICATION PROCESS:
1. Request from/send into Admissions Office, BSU:
   a. BSU application form
   b. Special enrollment application for the Baccalaureate Program of Nursing.
2. Request transcripts from all previous educational institutions to be forwarded to Admissions Office, BSU.
3. Applications and transcripts must be submitted prior to March 1st in the year you wish to be admitted.

Option I.
ACUTE CARE NURSING

This course of study is designed to educate a skilled, knowledgeable practitioner in settings requiring acute nursing care. Acute Care Nursing occurs in those instances where the client cannot adapt without outside intervention. Nursing intervention, therefore, is aimed at fostering the client’s capacity/ability to adapt.

The graduate from this program of study will be able to:
1. assess the health status of an individual
2. plan a method of action utilizing the findings
3. perform those actions essential for restoring maintaining the individual’s health status
4. evaluate nursing and medical actions and patient progress to determine extent of goal achievement

The emphasis in each nursing course will be on acquiring a sound understanding of pathophysiological entities for the purposes of (1) following a decision-making process, (2) evaluating the outcome of a given intervention and proceeding appropriately, (3) adequately integrating information and establishing priorities, (4) dealing in emergency situations with rapidity and precision.

Curriculum - Acute Care Nursing

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<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>Sensitization to Change</td>
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<tr>
<td>Pathophysiology</td>
<td>4</td>
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<tr>
<td>Concept/Skills of Health Assessment</td>
<td>5</td>
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<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
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<tr>
<td>Area II Electives</td>
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<td>—</td>
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<tr>
<td>Nursing Adults in Intensive Care Situations</td>
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<td>4</td>
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<tr>
<td>Cardiovascular Nursing</td>
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<tr>
<td>Area II Electives</td>
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<tr>
<td>Area III Electives</td>
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<tr>
<td>Sensitization to Change</td>
<td>17</td>
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<th>SENIOR YEAR</th>
<th>1ST SEM.</th>
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<tr>
<td>Nursing in Emergency/Trauma Situations</td>
<td>4</td>
<td>—</td>
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<tr>
<td>Perinatal Intensive Care Nursing</td>
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<tr>
<td>Area I Electives</td>
<td>6</td>
<td>—</td>
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<tr>
<td>Area II or III Electives</td>
<td>3</td>
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<tr>
<td>Overview of Acute Care</td>
<td>—</td>
<td>3</td>
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<tr>
<td>Nursing Research</td>
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<td>3</td>
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<tr>
<td>Legal Implications of Health Practice</td>
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<td>6</td>
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<tr>
<td>Area II or III Electives</td>
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<tr>
<td>Senior Nurse Practicum</td>
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<td>16</td>
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Option II.
LEADERSHIP/MANAGEMENT

This program is designed to prepare the nurse in leadership/management skills to meet the demand for increasing competency in decision-making within the health delivery system. The leader/manager will use all her previously acquired knowledge/abilities of nursing as the basis for acquiring new skills which include:

1. understanding the kinds of knowledge/intellectual abilities that underlie effective leadership/management.
2. planning the activities of leading/managing in such a manner as to achieve the identified goal(s).
3. performing the activities of leading/managing in such a manner as to achieve the identified goal(s).
4. evaluating the degree to which the goal(s) of the plan were achieved.

The emphasis of this educational program is to prepare a leader/manager who has a specialized background in nursing to function in the administrative role. This individual will recognize his/her own limitations, know when to seek assistance and accept full professional, legal and ethical responsibility for his/her own activities.

As a professional, the leader/manager uses current literature/knowledge to evaluate and improve the leadership/management function on a collaborative, interdisciplinary, interdependent basis.
Option III. FAMILY NURSE PRACTITIONER

This program of study is designed to educate a Family Nurse Practitioner who is qualified to deliver primary health care to individuals, families and communities. Primary care includes the initial contact with an individual as he enters a health care system, the continuity of his care, (particularly in the area of health care maintenance) and the coordination of that care.

The Family Nurse Practitioner utilizes all previously acquired nursing knowledge/abilities as the basis for acquiring new skills which include:

1. determining the health status of individual/families by taking a complete health history and performing a physical/psycho-social assessment.
2. utilizing observation/findings to develop a plan of care which will meet the physical/psycho-social needs of individual/families.
3. implement the plan of care.
4. evaluate activities/plan in relation to the degree to which the needs have been met.

The emphasis of this education program is to prepare the nurse to initiate preventive health measures in order to insure the "wellness" of individual/families. He/she will be prepared to diagnose, treat and prescribe for individuals of all age groups who have uncomplicated illnesses and manage the care of those individuals with stabilized chronic diseases. He/she recognizes the limits of knowledge/skills and knows when to seek consultation or refer individuals to other health professionals. He/she accepts full, professional, ethical and legal responsibilities for her activities.

As a professional, she/he constantly uses current medical/nursing knowledge to evaluate and improve the level of practice. The Family Nurse Practitioner functions independently, recognizes the value of collaboration with other professionals and is an active member of the health team.

Curriculum - Family Nurse Practice

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<tr>
<th>JUNIOR YEAR</th>
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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Sensitization for Role Change</td>
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<tr>
<td>Methods in Clinical Laboratory Science</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
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<td>3</td>
</tr>
<tr>
<td>Family Nurse Practice</td>
<td>—</td>
<td>8</td>
</tr>
<tr>
<td>Health Care Delivery Systems</td>
<td>—</td>
<td>3</td>
</tr>
</tbody>
</table>

It may be necessary for the student to take a Fifth Semester of course work to complete electives since Senior Nurse Practicum offered in the 2nd sem. of the 2nd year may be in rural areas (i.e. off campus/out of town).

* Students participate in required learning experiences with physician preceptors, family nurse practitioners, and nursing faculty.

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 science occupations and who have therefore declared a major in pre-medicine, pre-dentistry, pre-veterinary medicine, pre-optometry, pre-pharmacy, pre-dental hygiene, and other health science professions.

Academic

Students in pre-medicine, pre-dentistry and pre-veterinary medicine may choose a Biology or Chemistry option (below) or Health Science Studies (Dept. of Allied Health Studies). In addition to these basic options, courses in Medical Sociology, Community Health, and Medical Terminology are recommended. The student's academic progress is monitored by the advisory faculty and the Dean of the School. At appropriate intervals the student is counseled regarding his or her progress toward a career goal.

Those who plan to attend Idaho State University College of Pharmacy and Dental Hygiene Programs must have completed the following tests prior to application for admission:

<table>
<thead>
<tr>
<th>TEST</th>
<th>FEE</th>
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</thead>
<tbody>
<tr>
<td>Pharmacy PCAT</td>
<td>$120</td>
</tr>
<tr>
<td>Dental Hygiene DHA</td>
<td>$10</td>
</tr>
</tbody>
</table>

Clinical

In addition to their academic course work the Pre-Professional Studies students have opportunities and are encouraged to work and observe at first hand the practice and delivery of health care in a clinical environment.

PreProfessional Internship

Selected students in their third or fourth year may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, veterinarian, etc.

Hospital Learning Volunteers

Students may be identified as special volunteers. The hospital will endeavor to rotate each volunteer through various departments of the hospital in which they will perform their volunteer service. These students must be majors in the School of Health Sciences and be certified to the hospital by the Dean.
REQUIREMENTS FOR PRE-MEDICAL, PRE-DENTAL, PRE-OPTOMETRIC, PRE-VETERINARY MEDICINE STUDIES**

I. Biology Option
1. General College and Baccalaureate Degree
   Requirements to include: 30
   - English Composition
   - General Psychology

2. Biology Requirements
   - Advanced General Biology: 10
   - General Bacteriology: 5
   - Comparative Anatomy: 4
   - Vertebrate Embryology: 4
   - Mammalian Physiology: 4
   - General Genetics: 3-4
   - Vertebrate Histology: 4

3. Chemistry Requirements
   - General Chemistry: 10
   - Organic Chemistry: 10
   - Biochemistry: 4

4. Physics and Mathematics
   - General Physics: 8
   - Mathematics 111-112: 10
   * Totals for areas 1-4: 106-107
   * Electives Needed: 21-22

II. Chemistry Option
1. General College and Baccalaureate Degree
   Requirements to include: 30
   - English Composition
   - General Psychology

2. Biology Requirements
   - Advanced General Biology: 10
   - Comparative Anatomy: 4
   - General Genetics: 3-4
   - Vertebrate Embryology: 4

3. Chemistry Requirements
   - General Chemistry: 10
   - Organic Chemistry: 10
   - Bio- or Analytical Chemistry: 4-5
   - Physical Chemistry: 6
   - Instrumental Analysis: 4
   - Chemistry Independent Studies: 2
   - Chemistry Seminar: 2
   * Electives for Areas 1-4: 118-119

4. Physics and Mathematics
   - Math 111-112: 10
   - Math 205-206: 8
   - General Physics: 8
   * Electives: 3-10

* Additional upper division credits so that upper division credits total at least 40.
** Other Pre-Professional Studies majors will be given curriculum recommendations specific to their interests by the faculty advisor.

CHEMISTRY OPTION (suggested Programs)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Area I Courses</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Totals for Areas 1-2</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced General Biology</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Calculus and Analytical Geometry</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Courses</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Totals for Areas 1-2</td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

PRE-OPTOMETRIC

Science courses should be pre-professional courses designed for science majors which offer laboratory experience. Brief survey courses in the sciences will not prepare a student for the schools and colleges of optometry.

All of the schools and colleges require additional courses for admittance. Each optometry school has its own set of requirements. The student should write to the optometry school of his or her choice for a list of specific courses.

Although two years of preoptometric study is the minimum required, most students accepted by a school or college of optometry have completed three years in an undergraduate college. A large percentage of students accepted by the schools and colleges of optometry have earned a bachelor's degree.

The requirements for admission to the schools and colleges of optometry vary. However, all optometric schools and colleges
require at least two years of preoptometric study which should include:

**CURRICULUM**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Biology or Zoology</td>
<td>1 or 2 semesters</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>2 semesters</td>
</tr>
<tr>
<td>General Physics</td>
<td>2 semesters</td>
</tr>
<tr>
<td>English</td>
<td>1 to 2 semesters</td>
</tr>
<tr>
<td>College Mathematics</td>
<td>2 semesters</td>
</tr>
</tbody>
</table>

Additional courses that may be needed for the preoptometric program are:
- Psychology
- Social Science
- Philosophy
- Literature
- Organic Chemistry
- Microbiology
- Bacteriology
- Comparative Anatomy
- Physiology
- Statistics
- Algebra and Trigonometry
- Analytic Geometry
- Differential Calculus
- Integral Calculus

**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 sophomores or junior students at Idaho State University. The dental hygiene curriculum leads to either a Bachelor of Science or Bachelor of Arts Degree in Dental Hygiene. Those students who plan to enroll at schools other than Idaho State University are advised to pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition 101 and 102</td>
<td>3</td>
</tr>
<tr>
<td>General Biology 101 and 102</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Sociology 101</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology 101</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
</tr>
<tr>
<td>Non-specified Electives</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>Professional Speech Communication 102</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>14</strong></td>
</tr>
</tbody>
</table>

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to General Chemistry 101 and 102</td>
<td>4(5)</td>
</tr>
<tr>
<td>or General Chemistry 111 and 112</td>
<td>4(5)</td>
</tr>
<tr>
<td>Mathematics 111, Algebra and Trigonometry</td>
<td>5(4)</td>
</tr>
<tr>
<td>Non-specified Elective or Foreign Language</td>
<td>3(4)</td>
</tr>
<tr>
<td>Microbiology 205</td>
<td>3</td>
</tr>
<tr>
<td>Human Physiology and Anatomy 107</td>
<td>5</td>
</tr>
<tr>
<td>Nutrition 207</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>14-16</strong></td>
</tr>
</tbody>
</table>

**DEPARTMENT OF ALLIED HEALTH STUDIES**

**INTRODUCTION**

In order to deliver the best health care possible, it is necessary that the physician or 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.

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 should be of particular interest to those wishing to qualify for admission into hospital programs leading to certification as medical technologists. It is also recommended for students in pre-medical, pre-dental and pre-veterinary programs.

**1. Requirements:**

<table>
<thead>
<tr>
<th>Area I Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>12</td>
</tr>
<tr>
<td>Area II requirements</td>
<td>12</td>
</tr>
<tr>
<td>Math</td>
<td>10</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>General Biology</td>
<td>10</td>
</tr>
<tr>
<td>Advanced General Biology</td>
<td>10</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>Physiology</td>
<td>4</td>
</tr>
<tr>
<td>Mammalian Physiology</td>
<td>4</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>83</strong></td>
</tr>
</tbody>
</table>

**2. Electives (science) 6 courses**

- General Physics (8) or Biophysics (4)
- Genetics (3)
- Histology (4)
- Analytical Chemistry (5)
- Pathogenic Bacteriology (4)
- Cytology (4)
- Parasitology (3)
- Comparative Anatomy (4)
- Physical Chemistry (8)

| **Subtotal**   | **22-29** |

**3. Electives (Health Science and Free)**

- Medical Terminology (3)
- Health Delivery Systems (3)
- Public Health Administration (2)
- Environmental Economics (proposed 2)
- Preprofessional Internship (2)
- Area I, II or III (7-14)

| **Subtotal**   | **16-23** |
| **Total**      | **128 credits** |

**MEDICAL TECHNOLOGY MAJOR**

**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 the 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 may take three years of academic work (96 credits) in which he will complete the basic science requirements of the Registry of the American Society of Clinical Pathologists as well as the requirements of the college core. The student
SCHOOL OF HEALTH SCIENCES
Allied Health

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 will be granted 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 who wish to have this experience counted for BSU credit must enroll in MT 491-2. A registration fee of one dollar per credit hours is required. This will provide the individual with student privileges such as access to college 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>Course</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>
<tr>
<td>Mathematics (M 111-112 or M 115-116)</td>
<td>10</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Organic Chemistry with Lab</td>
<td>10</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>10</td>
</tr>
<tr>
<td>Advanced General Biology</td>
<td>10</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

2. Health Science, Science and Free Electives  13

Total  96 credits

3. Senior year - Clinical Class and Practice

A calendar year to be spent in St. Luke's Hospital or St. Alphonsus Hospital, Boise, Idaho, or in other hospitals having training programs approved and accredited by the ASCP.

SENIOR YEAR - Clinical Class and Practice

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT 491-492</td>
<td>32</td>
</tr>
<tr>
<td>Hematology</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Bacteriology</td>
<td>8</td>
</tr>
<tr>
<td>Clinical Parasitology &amp; mycology</td>
<td>2</td>
</tr>
<tr>
<td>Urinalysis</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Serology</td>
<td>3</td>
</tr>
<tr>
<td>Immunology</td>
<td>2</td>
</tr>
</tbody>
</table>

Total 128 credits

RADIOLOGIC TECHNOLOGY

Associate Degree Program

The Radiologic Technology Program of 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 of today's practicing Radiologic Technologist.

A Radiologic Technologist is responsible for the technical aspects of radiology and may function as an assistant to the physician radiologist. Upon satisfactory completion of the prescribed courses, including 2200 clinical hours, the student becomes a Registered Technologist. The student may also continue studying for a Bachelor of Science degree. The curriculum meets the requirements necessary for approval by the Committee on Radiologic Technology Education and the American Medical Association.

2200 Practicum hours as required by the accrediting agency for Radiologic Technology Programs, will be granted 34 credits. Seventeen (17) of these credits will be allowed for the Associate degree.

These practicum hours are spent working with patients under the supervision of a Registered Technologist or radiologist in a hospital environment. This time is integrated with classroom studies involving all aspects of technology.

Preprofessional Year - Admission

Any student who has been admitted to the University is eligible to register as a Radiologic Technology major in the Preprofessional year. Admission procedures to the University are outlined in Part I of this bulletin.

Professional Year - Admission Procedure

Persons who will have completed the Preprofessional core requirements are eligible to apply for admission to the Professional Program. Special applications for the limited enrollment Radiologic Technology Professional Program are available at the Admissions Office, and must be completed and filed with the Admissions Office by August 15 for the Professional Program beginning June 1. All applicants will be notified by May 15 as to whether or not they are accepted into the Professional Program.

All applicants admitted to the Radiologic Technology Program are required to submit a Medical Data Form and chest x-ray to the Student Health Center prior to June 1.

Policy on Promotion and Graduation

1. Students must maintain a GPA of at least 2.50. A GPA of less than the required shall automatically place a student on probation.

2. A grade of less than a C in any Radiologic Technology theory unit or clinical unit must be repeated and raised to C or higher before continuing the Radiologic Technology curriculum.

3. Students who have completed all course requirements with a GPA of 2.00 or better and no grade lower than C in their Radiologic Technology classes qualify for graduation.

CURRICULUM

Preprofessional Year

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>* Biophysics</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Speech</td>
<td></td>
<td>2-3</td>
</tr>
<tr>
<td>* Mathematics M115</td>
<td>4-5</td>
<td></td>
</tr>
<tr>
<td>Health Delivery Systems</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Humanities Electives</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Total 17-18 16-17

*Offering of the professional program at Boise State University is contingent on funding by the 1976 legislature.

**Students who wish to complete a math sequence required for majors in math or chemistry should take M 111.

After completion of the preprofessional courses, the students admitted to the professional program will be selected on the basis of GPA, admission test scores, evidence of involvement and interest in health care, and personal interviews.

CURRICULUM

Radiologic Technology

FIRST PROFESSIONAL YEAR

<table>
<thead>
<tr>
<th>Session</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro to Radiologic Technology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Found of Radiologic Technology</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

Total Summer Credits 7

Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Skeletal Positioning</td>
<td>3</td>
</tr>
<tr>
<td>Radiographic Quality</td>
<td>1</td>
</tr>
<tr>
<td>Radiographic and Topographic Anatomy</td>
<td>2</td>
</tr>
<tr>
<td>Radiation Physics</td>
<td>2</td>
</tr>
<tr>
<td>Clinical Internship (400 clock hours)</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Fall Credits 14
Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient's process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and diagnostic aids to breathing.

The Respiratory Therapy program at Boise State consists of a two-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of basic courses in arts and sciences and professional courses in respiratory therapy. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Respiratory Therapists, which is the professional designation.

Objectives
The graduate will be prepared to accomplish the following objectives under medical direction:

a. Administer gas, humidity, and aerosol therapy, including the administration of drugs by these therapeutic methods.

b. Administer intermittent positive pressure breathing treatments.

c. Assist with long term continuous artificial ventilation, special therapeutic procedures and cardiopulmonary resuscitation; also perform tasks related to patient care, especially those of airway management, while he is involved in giving respiratory therapy.

d. Participate in the development of Respiratory Therapy units.

Requirements for Admission
Admission to the Respiratory Therapy program is based upon general college requirements.

1. Make application for admission to Boise State University and also complete special application for the Respiratory Therapy Program. Both applications are available at the Admissions Office and must be submitted by April 15th of the year of enrollment.

2. Take A.C.T. program of tests.

3. Send a copy of high school transcript or G.E.D. test scores and transcripts of all previous college work to the Admissions Office.

4. Submit Medical Data Form by August 1.

All applications will be reviewed by the Respiratory Therapy Selection Committee following April 15th. Applicants are selected on the basis of previous academic performance, A.C.T. test scores, health status, and personal interview. Applicants will be notified of status by May 31st.

Those accepted must submit a satisfactory chest x-ray to Student Health Services prior to registration. Respiratory Therapy student uniforms are required.

Acceptance by the university does not constitute acceptance into the Respiratory Therapy Program.

Promotion and Graduation
1. Students must maintain a GPA of at least 2.5 throughout the first semester. A GPA of less than the required shall constitute removal from the program.

2. Students obtaining a "D" or "F" in their RT must repeat the course and raise their grade to "C" or higher before continuing the Respiratory Therapy curriculum.

3. Students who have completed all course requirements with a GPA of 2.5 or better and no grade lower than "C" in their RT qualify for graduation.

**RESPIRATORY THERAPY CURRICULUM**

<table>
<thead>
<tr>
<th>FRESHMEN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy and Physiology</td>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>Microbiology</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>English</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 111 or 115</td>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>Intro to Biophysics</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Cardiopulmonary Physiology</td>
<td>—</td>
<td>3</td>
</tr>
</tbody>
</table>

17 17

**SUMMER SESSION: 5 weeks**

Respiratory Therapy Practice and Clinical Practice | 6 | — |

**SOPHOMORE YEAR: **

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>Respiratory Therapy Professional Seminar</td>
<td>—</td>
</tr>
<tr>
<td>Advanced Respiratory Therapy 205</td>
<td>9</td>
</tr>
<tr>
<td>Advanced Respiratory Therapy 221</td>
<td>—</td>
</tr>
</tbody>
</table>

15 15

**MEDICAL RECORD SCIENCE**

Medical Record Technicians are qualified to work in any health care agency where health records are prepared, analyzed, and preserved. The Medical Record Technician works closely with other health care professionals to gather and make available information to provide quality patient care.

The program offers an Associate of Science degree and is approved by the American Medical Record Association and the Council on Medical Education of the American Medical 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). This program will fulfill most lower division requirements for a bachelor degree in Medical Record Administration.
SCHOOL OF HEALTH SCIENCES
Environmental Health

In addition to fulfilling general requirements for admission to Boise State University, the prospective student must complete the special application for the Medical Record Technician program, available at the Admissions Office. Students are responsible for their own transportation from BSU to Clinical Agencies.

CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Mathematics/Machines</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Human Physiology and Anatomy</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Beginning and Intermediate Typing</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

Summer Session: Medical Record Science - Directed Pract 4 credits

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Medical Record Science</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Health Delivery Systems</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>History (HY 101 or HY 151)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Legal Implications of Health Practice</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Advanced Medical Terminology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Psychology or Introduction to Sociology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elective (if needed)</td>
<td></td>
<td>2 or 3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>14</td>
<td>14 or 15</td>
</tr>
</tbody>
</table>

MEDICAL OFFICE ASSISTANTS (Medical Secretary)

The Medical Office Assistant (Medical Secretary) 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 fulfill the role of contact between the patient and the 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>
</tr>
</thead>
<tbody>
<tr>
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<td>Business Mathematics/Machines</td>
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SOPHOMORE YEAR:

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For course descriptions see Part V of the catalog

DEPARTMENT OF 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
   Sociology ................................................ 3
   Electives .................................................. 6

D. Science Requirements (59 credits)
   General Chemistry ...................................... 10
   Elementary Organic Chemistry .......................... 6
   Math 115-116 ............................................. 10
   General Physics ......................................... 8
   Advanced General Biology ................................ 10
   General Bacteriology ................................... 5
   Entomology ............................................... 4
   Pathogenic Bacteriology ................................. 4
   Food Microbiology ....................................... 4
   Biocology ................................................. 4
   Mammalian Physiology ................................... 4

E. Health Science Requirements (19 credits)
   Environmental Management ................................ 6
   Public Health Field Training ............................ 8
   Public Health Administration .......................... 2
   Environmental Health Legislation ....................... 2

F. Electives (15 credits)
   Suggested Electives
   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:

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(Suggested Program)

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(Suggested Program)

Bachelor of Science

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Math 105-106 or Math 111-112 .......... 5  5
Man and his Environment .................... 3  —
Area I Electives .............................. —  3
                                  16 16
SOPHOMORE YEAR:
1ST SEM.   2ND SEM.
Advanced General Biology .................. 5  5
Elementary Organic Chemistry ............... 3  3
Area I Electives ............................. 3  3
Area II Electives ............................ 3  3
Psychology .................................. 3  3
                                  17 17
JUNIOR YEAR:
1ST SEM.   2ND SEM.
General Bacteriology ........................ 5  —
Pathogenic Bacteriology ........................ 4  —
Entomology ................................... 4  —
General Physics ................................ 4  —
Environmental Management ..................... 3  3
Area I Electives ............................. —  3
Area I Electives ............................. —  3
                                  16 17
Summer between Junior and Senior Year  ....
Public Health Field Training ................ 8  —
                                  15 16
CONTINUING EDUCATION PROGRAM*
Recognizing that basic academic programs are the beginning of career education, and that continued learning is essential to maintain competency in the delivery of health care, The School of Health Science accepts its responsibility for providing continuing learning experiences for health care personnel.

Programs are planned in response to identified need within the community. Content of offerings is selected to provide knowledge of new developments in science and technology and to provide for personal and professional advancement.

*For additional information contact Office of Health Science Continuing Education.

COURSES

H HEALTH SCIENCES

101 Medical Terminology (3 credits). An introduction to Greek and Latin prefixes, roots, and suffixes used in medical terminology, as well as in the study of anatomical, physiological, and pathological terms according to systems of the body. Both semesters. Recommended as a beginning course for those with little or no biology background. Both semesters.

201 Advanced Medical Terminology (3 credits). More detailed and specific terminology used in describing causes of diseases, signs and symptoms, diagnostic measures, operative and pathological procedures. Prerequisite: H-101. Spring semester.

210 Principles of Pharmacotherapeutics (Pharmacology) (3 credits). Principles, practical uses and interactions of drugs and their relation to the diseases they treat. Prerequisites: C 101-102 or C 111-112. B 107 or B 401 or permission of instructor. Fall semester.

300 Pathophysiology (3 credits). Physical and chemical principles of living regulatory systems are explored with application to human physiological states of health and illness. Fall semester.

302 Health Delivery Systems (3 credits). Format and informal health delivery systems will be studied. Organization, functional effectiveness and indications for change in the health care systems will be emphasized. Fall and Spring semesters.

304 Public Health Administration (2 credits). Organization, administration and functions of the various health agencies. Spring semester.

305 Sensitization for Role Change (2 credits). This seminar focuses on student experiences involving professional role confusion and conflict. Theoretical concepts are derived from these experiences and readings. Prerequisites: Departmental permission. Fall and Spring semesters.

310 Methods in Clinical Laboratory Sciences (3 credits). An interdisciplinary course designed to advance the student's understanding and utilization of basic laboratory procedures employed in a clinical primary care setting. The clinical significance of the tests in relationship to disease processes will be stressed. Lecture and clinical practice in a laboratory setting are provided to enable students to learn accurate techniques and are clinically competent to perform and interpret selected laboratory procedures. Prerequisites: Applied Physiology and Departmental permission. Spring semester.

405 Medical Economics and Finance (3 credits). An introductory course to the economics and financing of health care and health care agencies. Spring and Fall semesters.


483 Pre-Professional Internship (2 credits). The student spends three hours a week in a clinical setting under the direction of a preceptor who is a practicing professional. The student is required to keep a record of his experiences and report them during a weekly lecture-recitation seminar. Prerequisite: Senior standing. GPA above 3.0, recommendation of faculty advisor, consent of the dean.

EH ENVIRONMENTAL HEALTH

301-302 Environmental Management (3 credits). Designed to provide a working knowledge of environmental management practices with special emphasis on health. First semester: community environmental problems such as food and water, air pollution, drinking water, swimming pools, water pollution, and solid waste management are studied. Second semester: continuation of community problems related to air quality, radiation control, insect and rodent control and environmental health hazards, etc. Prerequisite: upper division standing.

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

435 Environmental Health Legislation (2 credits). This course is designed to allow the student to acquire a working knowledge of environmental legislation; the implementation and enforcement of said laws and specific duties of the employee regarding selected sections of the law. Prerequisite: Consent of instructor. Fall semester.

MR MEDICAL RECORD SCIENCE

110-111 Medical Record Science (4 credits). Orientation to Medical Record profession, including its history and progress. Students will learn how to analyze a medical record, check it for completion, code and index according to disease and operation. Planned laboratory experiences will provide practice in these procedures as they are taught in statistics listing and medical transcription. First year.

160 Medical Record Science Directed Practice (4 credits). Each student spends 150 hours in a Medical Record Department doing the daily procedures under the immediate supervision of the hospital personnel. This experience provides the opportunity to put into practice the theories learned during the first year of Medical Record Science Prerequisite: MR-110, 111. Summer only.

210-211 Advanced Medical Record Science (5 credits). More detailed coding and indexing of medical records, outpatient department records; Medicare, coder registry, and methods of record keeping in nursing homes or extended care facilities. Provides 12 hours per week of directed practice. Prerequisite: MR 110, 111, 160. Second year.

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.

491-2 Clinical Class and Practice (16 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.

N NURSING

120 Basic Health Needs (6 credits semester). Nursing process is utilized to present basic health needs with emphasis on nutrition and elimination, activity, safety, and comfort as applied to persons of all ages in the community and in health agencies. The student has the opportunity to develop beginning skills in providing nursing care in the newborn nursery, medical-surgical areas and the nursing homes. Prerequisite: admission to the nursing major. Both semesters.

130 Basic Health Needs (6 credits semester). Nursing process is utilized to present basic health needs with emphasis on mental health, comfort, safety, and oxygen as applied to persons of all ages in the community, in hospitals, and health agencies, and within the family during the reproductive cycle and in crisis situations. The student has the opportunity to develop beginning skills in providing nursing care of patients in the medical-surgical, maternal and infant care areas. Prerequisite: admission to the nursing major. Both semesters.

125
220 Deviations from Basic Health CCI (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on mental health—mental illness considering persons of all ages. The student has the opportunity to develop skills in the management care of patients in the mental health units and community health settings. Prerequisites: Core courses of the first year of the nursing curriculum. Both semesters.

230 Deviations from Basic Health CCHI (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on nutritional needs for persons of all ages. The student has the opportunity to develop skills in the medical-surgical areas with specific reference to psychophysiological assessment and nursing care planning for patients with oxygen deficiency. Prerequisites: Core courses of the first year nursing curriculum. Both semesters.

240 Deviations from Basic Health CCHIV (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on the basic need for nutrition and digestion considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the pediatric and medical-surgical areas. Prerequisites: Core courses of the first year of the nursing curriculum. Both semesters.

250 Deviations from Basic Health CCHV (4 credits). Utilizes nursing process to present deviations from basic health with emphasis on the basic need for activity considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the medical-surgical areas. Prerequisites: Core courses of the first year of the nursing curriculum. Both semesters.

280-290 Nursing (1 credit per semester). Philosophy of health care and the role of the graduate as a registered nurse. Legal implications and other factors affecting nursing practice are discussed. Prerequisites: Core courses of the first year nursing curriculum. 280 - Fall semester, 290 - Spring semester.

Upper Division

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 identification and meeting needs of the acutely ill client and his family. Prerequisites: Applied Physiology and N-312 Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

321 Cardiovascular Nursing (4 credits). Nursing requirements of the client with 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 principles and skills of health and development, performs a physical, psychosocial assessment of a group, and the use of community agencies are included as core topics. The course is a prerequisite to community health assessment. Distinguishing normal from abnormal health states of the individual-family will be stressed. Prerequisite: Departmental permission. Fall semester.

351 Family Nurse Practice (4 credits). Skills and principles of primary health care for individuals (0-16 years) 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 Health Assessment; 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. Spring semester.

420 Nursing in Emergency-Trauma Situations (4 credits). Levels of nursing intervention will be studied as related to the various levels in the trauma sequence. Prerequisites: Concepts of acute nursing practice are explored in theoretical and clinical settings, implemented in emergency and trauma situations. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Fall semester.

421 Perinatal Intensive Care Nursing (4 credits). Nursing requirements of the acutely ill and the newborn will be studied. Experiences will be offered the student to provide her with the opportunity to practice essential skills. Prerequisites: Applied Physiology; N-312 Concepts and Skills of Health Assessment and Departmental permission. Fall semester.

450 Family Nurse Practice (4 credits). Skills and principles of the immediate care for an individual in an emergency situation are explored in a theoretical and clinical setting. The psychological and psychosocial aspects of emergency patient care are studied. Prerequisite: The student will be provided the opportunity to become clinically competent in evaluating, initiating nursing care and referring as needed for the patient with a trauma, medical or psychiatric emergency that may occur in an ambulatory setting. Prerequisites: N-340, Concepts and Skills of Health Assessment, H-310, Methods in Clinical Laboratory Science, and Departmental permission. Fall semester.

451 Family Nurse Practice (4 credits). Skills and basic principles of primary health care for adults are explored in theoretical and clinical settings. Emphasis is on prevention and promotion of health care associated early detection of deviation from the norms of health. Categories of chronic disease processes with the greatest rate of morbidity and mortality will be studied (e.g., cardiovascular disease, hypertension, cancer, diabetes, obesity, arthritis, O.P.D.). The student will be provided the opportunity to become clinically competent in the care of individuals with stabilized chronic diseases. Family development and health problems associated with the practice of emerging and correlated in the learning experience. Prerequisites: N-340, Concepts and Skills of Health Assessment, H-310, Methods in Clinical Laboratory Science and Departmental permission. Fall semester.

460 Family and Community Health Practice (4 credits). Skills and basic principles of primary health care for families and in community group situations are explored in theoretical and clinical settings. Emphasis is on the impact of illness and interpersonal communications in family and group situations. The student will assist the group members with identification of strengths, alternative responses to stress to increase coping ability. Prerequisites: SO-240, Sociology of the Family and Departmental permission. Spring semester.

473 Change Agent, The Nurse’s Role I (2 credits). The course will involve the exploration of program planning as an approach to change within the health care delivery system. Prerequisites: MG-305, Personnel Management and Departmental permission. Fall semester.

474 Change Agent, The Nurse’s Role II (2 credits). The course will utilize educational and learning theories to staff development as methods of change within the health care delivery systems. Prerequisites: P-325, Educational Psychology and Departmental permission. Fall semester.

476 Change Process, The Nurse’s Role I (2 credits). This course involves the implementation of management concepts-principles in initiating change within a health care agency. Prerequisites: Departmental permission. Spring semester.

477 Change Process, The Nurse’s Role II (2 credits). The course will involve an indepth study of nursing leadership responsibilities in a selected health care agency with involvement in the implementation of a planned change. Prerequisites: Departmental permission. Spring semester.

480 Senior Nurse Practicum—Family Nurse Practitioner (4 credits). This preceptorship is designed for the student as an intensive course of practice to synthesize her preparation as a Family Nurse Practitioner. The student is expected to develop and carry out a research project focused on patient outcomes related to the interventions of Family Nurse Practice. The clinical practice will be conducted as a preceptorship in collaboration with a preceptor, nurse practitioner and physician. The setting will include a family centered caseload in either rural or urban areas for the 8 week period. Prerequisites: Departmental permission. Spring semester.

489 Overview of Acute Care Nursing Research (3 credits). This course presents an overview of research in an appropriate area of professional nursing practice, including the identification and exploration of health care problems. Prerequisites: Applied Physiology, N-312 Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

492 Senior Nurse Practicum—Acute Care (4 credits). The purpose of this practicum is for the student to synthesize knowledge and perfect skills in a chosen specialty area in the acute care setting. Prerequisites: N-312 Concepts and Skills of Health Assessment: Completion of at least two semesters; Departmental permission. Spring semester.

499 Professional Nursing Seminar (2 credits). Discussion of trends in leadership and management and their application to the delivery of Health Care. Spring semester.

RD RADILOGIC TECHNOLOGY

200 Introduction to Radiologic Technology (2 credits). Students will be introduced to the department of radiology in planned laboratory experiences. Special emphasis is placed on fundamental principles of radiation, ethics, x-ray production, protection and patient care. Prerequisite: Admission to the program.
201 Clinical Practicum (1 credit). To be taken concurrently with RD 200.

204 Foundations of Radiologic Technology (3 credits). The course is designed to provide the student with the opportunity to acquire knowledge skills in radiographic image production and film processing, exposure factors, medical terminology and radiographic film quality. Prerequisite: RD 200.

205 Clinical Practicum (1 credit)

210 Basic Skeletal Positioning (2 credits). The course provides the student with the opportunity to practice skeletal positioning with radiographic, fluoroscopic, and mobile equipment. Film critique sessions will be an important part of this learning experience. Prerequisite: RD 200 and RD 204.

211 Clinical Practicum (1 credit). To be taken concurrently with RD 210.

220 Head and Visceral Positioning (2 credits). Radiographic positioning of the skull sinuses, mastoids, and viscera will be taught and special projections of these anatomical areas will be discussed. Film critique will be used as an important tool in teaching this course. Prerequisite: RD 210.

221 Clinical Practicum (1 credit). To be taken concurrently with RD 220.

230 Radiographic Quality (1 credit). Formulation of radiographic techniques and an in-depth study of latent and manifest image formation using student demonstration and practice involving the principles of film quality. Prerequisite: RD 200 and RD 204.

240 Technique and Exposure (1 credit). Devices and accessories which control, influence and enhance the radiograph will be discussed in detail. Students will learn how to convert the technical factors involved in the production of an image and to critique films in regards to these factors. Laboratory experiences will provide practice in these procedures. Prerequisite: RD 210 and RD 230.

250 Radiographic and Topographic Anatomy (1 credit). The course identifies the anatomical landmarks in relation to visceral structures. The human anatomy as it appears on a radiograph will constitute a major portion of this study. Prerequisite: RD 200 and RD 230.

260 Special Radiographic Procedures (2 credits). Specialized and highly technical procedures in radiography are surveyed. Skills in nursing and surgical procedures will be presented. Prerequisite: RD 210, RD 230, and RD 250.

Upper Division

310 Positioning and Film Critique (2 credits). Radiographic positioning for examinations where contrast media is used will be taught in both a classroom and laboratory setting. Skills and techniques required in radiography of the pediatric patient are included. Radiographs will be analyzed in relation to positioning, exposure, and identification. Prerequisite: RD 220 and RD 240.

311 Clinical Practicum (1 credit). To be taken concurrently with RD 310.

320 Advanced Positioning (2 credits). This course is designed to increase the student's knowledge and understanding of special radiographic problems. Prerequisite: RD 310 and RD 330.

321 Clinical Practicum (1 credit). To be taken concurrently with RD 320.

330 Radiation Therapy and Nuclear Medicine (2 credits). The principles, aims and techniques of applying ionizing radiation to the human body are studied. The use, care, dosage, and physical properties of most radioactive elements and radionuclides are taught. Prerequisite: RD 240, RD 250, and Physics.

350 Medical and Surgical Diseases (2 credits). The patient with medical problems and the effect of pathology on film will be discussed to improve the technical ability of the student. Prerequisite: RD 220, RD 240, and RD 260.

Radiologic Technology Clinical Practicum. Supervised experience within the hospital Radiology Department with opportunities to perform all routine diagnostic procedures. In addition, time is provided for experience in vascular procedures, radiation therapy, nuclear medicine, and emergency procedures. Prerequisite: Admission to the program.

275 (6 credits).

285 (6 credits).

376 (6 credits).

386 (6 credits).

395 (6 credits).

RT RESPIRATORY THERAPY

201 Respiratory Therapy Cardiopulmonary Physiology (3 credits). The course provides a background in normal physiological functions of the pulmonary and circulatory systems. Prerequisite: Core course of first year Respiratory Therapy program. Two lectures, 1 laboratory period. Spring semester.

210 Respiratory Therapy Theory and Clinical Practice (6 credits). The study and clinical practice in concepts of airway management, cardiopulmonary resuscitation, emergency procedures and long term ventilation in a hospital setting. Instruction in the care and maintenance of equipment used in clinical practice will be provided. Three lectures, 6 laboratory periods per week. Prerequisite: RT 201. Fall semester.

215 Advanced Respiratory Therapy I (9 credits). The course provides advanced study and clinical practice in the care of patients requiring complex ventilatory support. Topics will include: aerosol therapy, administration of nutrition, monitoring and interpretation of ventilatory parameters, and patient education. Prerequisite: Admission to the Respiratory Therapy program. Summer, Fall semester.

221 Advanced Respiratory Therapy II (12 credits). The course provides advanced study and clinical practice in the care of patients requiring complex ventilatory support. Topics will include: aerosol therapy, administration of nutrition, monitoring and interpretation of ventilatory parameters, and patient education. Prerequisite: Admission to the Respiratory Therapy program. Summer, Fall semester.

298 Respiratory Therapy Professional Seminar (3 credits). Focuses on the ethics and medico-legal aspects of administering a Respiratory Therapy Department. In addition, the problems of budgeting, facilities, personnel, in-service education, record systems, and interdepartmental relations are considered. Prerequisite: RT 205 or consent of instructor. Spring semester.
PART VIII

Graduate School

Dean: Kenneth M. Hollenbaugh, 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 three areas of emphasis: (1) Curriculum in Education; (2) Curriculum in Reading Education; and (3) Curriculum in Education - Core Enriched. 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.
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 Admissions Office will have received the application for admission and transcripts of all undergraduate and graduate work. This will provide sufficient time to process the application prior to the semester the applicant wishes to commence his graduate study. Petitions for exceptions will be directed to the Graduate Dean. The transcripts are to be sent directly to the Boise State University 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, and 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. Student interested in graduate work in business are directed to page 107; education students should see page 85; and business students are directed to page 107; education students should see page 85.
3. Completion of the predictive examination required by the department or academic unit in which he plans to study requires additional evidence of his qualification for admission with regular status. 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.
4. Recommendation for admission by the department in which the student expects to work and approval by the Graduate School.

Special Status Classification
Persons who feel qualified to profit from graduate courses may enroll in these under "Special Status" provided all of the following conditions are met:

1. There is space available in the class.
2. The instructor, after counseling the applicant, is satisfied that he can profit from the course.
3. The student signs a waiver form which states that he understands that he has not been admitted to graduate school; that there is no commitment to accept his special status credits toward a degree, if he should be admitted.

4. No more than nine credit hours taken in special 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 three classifications.

Regular Status: The student has been admitted with full graduate status into a graduate degree program and has received official institutional notification to this effect.

Provisional Status: An applicant may be admitted to the Graduate School with provisional status if the department or academic unit in which he plans to study requires additional evidence of his qualification for admission with regular status. No student may maintain provisional status indefinitely. The department or academic unit concerned will normally make a final determination on a student with provisional status by the time he has completed twelve (12) credits of approved study.

Unclassified Status: An applicant whose academic record indicates that he is qualified to study on the graduate level, but who is not pursuing a graduate degree program, may be admitted to the Graduate School in an unclassified status. Credit for such work must be approved by the department or academic unit concerned, after a review of the proposed program of study has been made. This status is intended for students seeking some definite educational objective related to but distinct from the MBA or MA degrees. Students not seeking a graduate degree but who desire graduate level independent study, internship or similar credits are placed in this category.

Graduate Courses for Undergraduate Credit
Boise State University "seniors" may take up to two hundred credit courses for upper division credit applied to their bachelor's degree program. The necessary permit forms are available through the Admissions Office and the office of each dean. Determination of what constitutes a "senior" for the purposes of this policy is left to the graduate dean.

Graduate Credit for Seniors
A Boise State 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 so far as these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Admissions Office, and the office of each dean. 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" in a required core course in the MA program (TE-570, 571) is automatically excluded from further master’s degree work. "With a "D" in one of these courses there is a single chance of redemption.

*Any F in any course in the MBA program will cause for immediate dismissal.

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 chairman 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 sub-section "Transferring 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 fielding the course to be challenged. For interdisciplinary courses, the decision will be made by the school officer in charge of the graduate program to which the course applies.

Foreign Language Requirements
Language requirements are determined by the department concerned. If a foreign language is required, the student must demonstrate that he possesses a reading knowledge of a language specified by the department.

Thesis Requirements
The requirement of a thesis or similar project is determined by the department or interdisciplinary unit concerned. The final copy of the thesis must be reviewed by the student’s supervisory committee and submitted to the Dean of the Graduate School at least three (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, nor does it apply to Special Status Classification students (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 admission 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 reserved, or as residence credit through any inter-institutional cooperative program must be claimed at the time the Program Development Form is originally filed, or before the end of the first academic period (summer, fall or spring) after which the credit has been earned, whichever is the earlier date.

It is the responsibility of the graduate student to keep all program changes up to date.

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 the thesis or project must be conducted at least three weeks before commencement. On a final oral examination in defense of a thesis or project, an additional member, who may be from outside the department or school, may be appointed by the Graduate Dean at his discretion. Application for the final comprehensive examination(s) is made through the office of the dean of the school fielding the program.

Application for Predictive Examinations
As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria performance scores from predictive examinations, it is necessary that application be made without delay to take the examination.

Education 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 ATGSB. Every effort should be made to take the ATGSB as soon as possible because students will not be given program status before the ATGSB results are reported. Courses taken before the student is admitted (i.e., "Special status" courses) will not necessarily be allowed toward the M.B.A., even if the student is admitted subsequently.

Credit Limitation in Courses Graded Pass or Fail and Independent Study

599—Conference and Workshop
A maximum of three (3) credits earned with a grade of P will be allowed toward the credit requirements for a master's degree at Boise State University.

596—Independent Study
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 semester or session. The school of business has a limitation 3 credits Internship and/or Independent Study for MBA students.

Elementary Education with Core Enrichment
The curriculum in Elementary Education with Core Enrichment is essentially the same as the curriculum in Elementary Education. The distinctive feature is that an approved program may be designed for specialization in a given departmental area such as art, humanities, mathematics, music, or science, to name just a few possibilities. Approved programs will include the basic elementary core of nine (9) semester hours and will allow no more than fifteen (15) of the remaining hours to be in any one departmental area. Various departments in The School of Arts and Sciences offer graduate courses designed especially for students in the Elementary Education programs.

Limitations on Student Course Loads
Graduate students seeking to take courses for graduate credit only in the evening or only in the early morning and in the evening (due to full-time day employment) may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule will not be granted by the Dean of the Graduate School without the explicit recommendation of the dean of the school responsible for the student's program.

Course Numbering System
Courses numbered 500 and above are intended primarily for graduate students. The number designates the educational level of the typical student in the class"—i.e., he has graduated from college.

Other courses than graduate, numbered at the 300 or 400 levels, may be given g or G designation to carry graduate credit. The department or school concerned will have the right to limit the number of g or G credits which can count toward any degree for which it has responsibility, and in no case can more than one-third of the credits in a degree program be in courses at the 300 and 400 level. 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.

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 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 Independent Study
597 Special Topics
598 Seminar
599 Short-Term Conference or Workshop (Graded Pass or Fail). This number is available in any semester or session for courses meeting three (3) weeks or less.

Course listings and descriptions for graduate and undergraduate courses available for graduate credit can be found in the departmental listings of courses.
Area Vo-Tech School

Director: Gilbert McDonald Miller
Assistant Director: Glen Linder

Vocational Counselor:
Callies, Quinowski, Trimble

Adult Basic Education:
Huff

Adult Program Coordinator:
Rodgers

Air Conditioning, Heating, and Ref.
Tucker

Auto Body:
Curtis, Emeritus: Trapp

Auto Mechanics:
Fuerher, Haydon, King, Emeritus: Fleshman, Snell

Child Care Services:
Correll, Lingenfelter

Dental Assisting:
MacInnis

Drafting Technology:
Burkey, Leigh, Watts, Weston

Electrical Lineman:
Waugh

Electronics:
Cofield, LaRue, Millard

Food Service:
Hoff, Smith

Heavy Duty Mechanics — Diesel
Alonzo, Warner

Horticulture:
Griffith, Oyler

Industrial Plant Maintenance:
Arambarri

Machine Shop:
Baggerly, Clarkson Emeritus: Hager
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, $10 fee, and physical exam.

(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.

(d) Pay $75 advance registration fee. This fee will apply on the regular registration fee.

(e) Personal Interview: A personal interview is required.

(f) High school graduation is recommended but is not required to enter a vocational or technical program, provided one has been out of high school one complete semester.

VOCATIONAL
Two Year Programs

HO  HORTICULTURE SERVICE TECHNICIAN—CURRICULUM
(Landscape Construction and Maintenance)

The landscape construction and maintenance curriculum has for its objective the preparation of students for employment in the landscape, nursery and greenhouse industries. This includes both the production, sales and service areas of these major fields. The training stresses the design of landscapes, their interpretation and construction including costs, but the production of nursery plants, plant propagation, the design of landscapes, and landscape planting is also covered. Graduates of the horticulture curriculum qualify for positions in nursery and floral establishments as well as in parks, grounds and highway departments. They may also enter the fields associated with plant propagation, nursery sales, greenhouse work and sales in the related fertilizer and insecticide fields. Credits in this course of study are not counted towards an academic degree.

FRESHMAN YEAR:

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<tr>
<th>COURSE</th>
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<td>HO 101-102 Horticulture Laboratory</td>
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<td>HO 111-112 Communication Skills</td>
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<td>HO 131-132 Related Basic Mathematics</td>
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<td>HO 141-142 Related Basic Science</td>
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<td>HO 151-152 Horticulture Theory</td>
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<td>MM 213 Credits and Collections</td>
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<td>MM 101 Salesmanship</td>
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SOPHOMORE YEAR:

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<td>HO 241-242 Related Science</td>
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<td>HO 251-252 Horticulture Theory</td>
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<td>HO 262 Occupational Relationships</td>
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<td>HO 271 Individual Project</td>
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<td>MM 213 Credits and Collections</td>
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<td>MM 101 Salesmanship</td>
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COURSES

HO  HORTICULTURE SERVICE TECHNICIAN

101 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of biennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climate and other factors affecting growth; soils; and soil amendments. Fifteen clock hours per week.

102 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of biennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climate and other factors affecting growth; soils; and soil amendments. Fifteen 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.

131-132 Related Basic Mathematics (3 credits). First semester — developing comprehension of the basic principles of mathematics. Specific areas include addition, subtraction, multiplication, division, fractions, percentages, names, square root, mensuration. Second semester — applying comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered to include: income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll, etc. Three clock hours per week.

141-142 Related Basic Science (2 credits). First semester — developing comprehension of the scientific principles utilized in: (a) introduction into the field of horticulture; (b) plant classifications and growth; (c) climate and other growth limiting factors; (d) soil and soil amendments; (e) plant propagation, construction materials. Second semester — developing comprehension, analysis, and evaluation of the following: (1) introduction into the field of horticulture; (2) production of nursery plants, plant propagation, construction materials; insecticides, pesticides, two clock hours per week.
201 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete, brick, stone and wood structures, growing greenhouse crops, and basic first aid. Fifteen clock hours per week.

202 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete, brick, stone and wood structures, growing greenhouse crops, and basic first aid. Fifteen clock hours per week.

241 Related Science (2 credits). Developing comprehensive knowledge of scientific principles in areas such as: (1) Universal concepts and research methods in science; (2) the role of science in society; and (3) the role of the scientist in society. Twenty laboratory hours per week.

245 Horticulture Theory (5 credits). Developing comprehensive knowledge of the scientific principles used in growing and maintaining plants and crops. The course will cover the theory and practice of horticulture as practiced in the laboratory course. Safety and good shop policy are emphasized in all phases of instruction. The setup, care and maintenance of the machine tools as well as the theory of measuring tools, metal cutting, selection of materials, tool design, coolants, allowances and tolerances and production methods. Related mathematics as applied to set up, indexing benchmark, speeds and feeds, layout, measuring increments, and metallurgy will also be studied. First semester: MS 151, 6 hours per week. Second semester: MS 152, 3 hours per week (Prerequisite: MS 151).

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 treating, hardening, testing, layout, inspection, tracer lathes and numerical control mill set-up, operation and programming. Twenty laboratory hours per week.

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 geometry and algebra as applied to shop problems and the mathematics needed for numerical control machining. A study of scientific principles required in the machinist trade is also studied. Ten clock hours per week. Prerequisite: Related Basic Math MS 231.


271 Individual Projects (3 credits). Providing the opportunity for the student to apply all his prior education in planning, developing and completing a unique, practical horticultural project.

MS 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:

MS 101, 102 Machine Shop Laboratory 8 8
MS 111 Communication Skills 3 3
MS 121, 122 Related Blueprint Reading 2 2
MS 151, 152 Related Theory 6 3

16 16

SOPHOMORE YEAR:

MS 201, 202 Advanced Machine Shop Laboratory 8 8
MS 231 Related Basic Mathematics 6 6
MS 232 Related Advanced Math 8 8
MS 262 Occupational Relationships 2 2

16 16

COURSES

Welding Theory (2 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. 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 materials, tool design, coolants, allowances and tolerances and production methods. Related mathematics as applied to set up, indexing, benchmark, speeds and feeds, layout, measuring increments, and metallurgy will also be studied. First semester: MS 151, 6 hours per week. Second semester: MS 152, 3 hours per week (Prerequisite: MS 151).

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101-102 Welding Laboratory (8 credits). This course covers oxyacetylene burning by manual and automatic methods: oxyacetylene welding and brazing; arc welding using mild steel and low alloy steel electrodes in all positions: continuous wire feed welding processes; and submerged arc welding processes. The successful completion of this phase of the program will prepare the student for employment as a production welder or to take the second year of the program. Twenty clock hours per week each semester.

111 Welding Communications (3 credits). To manage symbols and discover meaning, convey information, express ideas and accurately 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 layout measuring. First semester: MS 131, 3 hours per week. Second semester: MS 132, 3 hours per week (Prerequisite: Related Basic Math MS 231).

131-132 Related Advanced Math (3 credits). Advanced training in blueprint reading and production welder or to take the second year of the program. Twenty clock hours per week each semester.

151-152 Welding Theory (2 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. 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 materials, tool design, coolants, allowances and tolerances and production methods. Related mathematics as applied to set up, indexing, benchmark, speeds and feeds, layout, measuring increments, and metallurgy will also be studied. First semester: MS 151, 6 hours per week. Second semester: MS 152, 3 hours per week (Prerequisite: MS 151).
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. Continuance feed and submerged arc welding processes are covered. Four clock hours per week each semester.

201-202 Advanced Welding Laboratory (8 credits). Pipe welding in the horizontal and vertical fixed positions. Heliarc 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.

241-242 Welding Science (4 credits). First semester — Study of the basic metallurgy properties of metals and tests to determine their uses; the iron carbon diagram and the part carbon plays in the production of steel. Second semester — Study of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code and Procedures. Operator's qualifications, heat treatment of steels, testing and inspection of welds, behavior and influences of alloys in irons, steels and exotic metals, thermal curves, freezing alloys, structural composition, changes in the solid state and carbide precipitation and its effect on the chrome steels. Weldability of these metals.


**TECHNICAL**

**Two Year Programs**

**BM Business Machine Technology**

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 average job without any additional training. He will be qualified to make maintenance contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. He will be trained in Basic Electronics, testing procedures, and maintenance techniques for manual, electric, and electronic business machines. This is a two-year course and credits are not counted toward an academic degree.

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-101-102 Business Machine Lab</td>
<td>4</td>
</tr>
<tr>
<td>BM-143-144 Related Elect. Theory</td>
<td>4</td>
</tr>
<tr>
<td>BM-145-146 Related Electronics Lab</td>
<td>2</td>
</tr>
<tr>
<td>BM-151-152 Rel. Basic Theory</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>17</td>
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</tbody>
</table>

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-201-202 Adv. Business Machine Lab</td>
<td>4</td>
</tr>
<tr>
<td>BM-243-244 Adv. Digital Electronics</td>
<td>2</td>
</tr>
<tr>
<td>BM-262 Occupational Relationships</td>
<td>3</td>
</tr>
<tr>
<td>BM-111 Communication Skills</td>
<td></td>
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<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

**COURSES**

**BM BUSINESS MACHINE TECHNOLOGY**

101-102 Business Machine Laboratory (4 credits). A self-paced workshop where the student is able to practice concepts taught in BM 151 and 152 with special emphasis on dismantling, cleaning, oiling, adjusting, and quality control of business machines. Ten clock hours per week.

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, one semester, credit course designed to maximize personal involvement.

143-144 Related Electronic Theory (4 credits). The study of electronics as applied to business machines including math. First semester: Ohms Law with applied math, formulas, graphs, volt-ohm-meters, amplifiers and introduction to schematics including discrete component identification. Second semester is a continuation of 143 with more emphasis on related math and logic circuits. An introduction to oscilloscopes and their use as related to business machines. Five clock hours per week.

145-146 Related Electronic Laboratory (2 credits). This is an application of BM 143 and 144 with an addition of soldering, de-soldering, parts identification, construction of a multimeter, use of meters, oscilloscopes, and with practical application of related schematic reading. Five clock hours per week.

161-162 Business Machine Technology Theory (7 credits). This is a hands on theory course in business machines. The student is issued business machines and is taught basic concepts of parts movements as well as use of operating tools, removal and replacement of parts, tool safety, shop practice and customer relations. He is taught how to read and understand factory manuals. Ten hours per week.

201-202 Advanced Business Machine Laboratory (4 credits). A self-paced workshop where student is able to practice concepts taught in BM 251 and BM 252 with special emphasis on troubleshooting, adjustments, quality control, and the use of special test equipment including multimeters and oscilloscopes. Ten clock hours per week.

243-244 Advanced Digital Electronics (2 credits). Binary concepts basic logics. Boolean algebra using gates, shift registers, clocks, encoders, decoders, delay line, memories as these pertain to business machines. Prerequisite: BM 143-144. Two clock hours per week.

251-252 Advanced Business Machines Theory (6 credits). This is a hands on theory course in which the student is taught basic concepts of Business Machines including: adders, calculators, copy machines, electronic business machines and duplicator processes with troubleshooting techniques. Also taught is shop management and related selling techniques. Ten clock hours per week.


**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>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>
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<tr>
<td>CC-111-112 Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>CC-141 Health and Care of the Young Child</td>
<td>2</td>
</tr>
<tr>
<td>CC-171-172 Curriculum of the Young Child</td>
<td>3</td>
</tr>
<tr>
<td>CC-181-182 Child Care Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>CC-125-126 Contracted Field Experiences in Early Childhood Programs</td>
<td>1</td>
</tr>
<tr>
<td>CC-135-136 Planning and Evaluation of Laboratory Exper.</td>
<td>2</td>
</tr>
<tr>
<td>total credits</td>
<td>17</td>
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</table>

**DAY CARE TEACHER/SUPERVISOR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>CC-251-254 Advanced Child Care</td>
<td>3</td>
</tr>
<tr>
<td>CC-231-232 Child Care Center Management</td>
<td>2</td>
</tr>
<tr>
<td>CC-252 Family and Community Involvement with Children</td>
<td>3</td>
</tr>
<tr>
<td>CC-261 Occupational Relationships</td>
<td>2</td>
</tr>
<tr>
<td>CC-241-242 Feeding Children</td>
<td>2</td>
</tr>
<tr>
<td>CC-201-202 Child Care Center Supervision</td>
<td>3</td>
</tr>
</tbody>
</table>
CC CHILD CARE

101 Introduction to Child Development (3 credits). A beginning study of child growth and development, the individual needs of children, and an understanding of the methods of guidance and discipline for preschool children.

111, 112 Communication Skills (2 credits). To manage symbols and discover meaning, candidey, clearly, and exactly is the performance objective of Communication Skills. As trainer, 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 credit course designed to maximize personal involvement.

125-126 Contracted Field Experience in Early Childhood Programs (1-1 credits). Individual contract arrangement 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 lecture 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 whom she is working will be covered. Required in the course study will be the Red Cross multi-media first-aid emergency training. In compliance with state licensing regulations a Tuberculin test is also required.

161 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 curricula 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 rhythms, 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 become acquainted with the role of the teacher in nursery school and with whom she is working will be covered. Required in the course study will be the Red Cross multi-media first-aid emergency training. In compliance with state licensing regulations a Tuberculin test is also required.

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 direction and consultation of the instructor. Students will assume the role of head supervisor, conducting staff meetings, and planning monthly 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 Program (2-2 credits). By permission of instructor. A course designed to meet specific needs of the student as and skills in child care settings. Individual contract arrangement involving student, instructor and cooperating agency to gain practical experiences in off-campus settings.

231-232 Child Care Center Management (2-3 credits). This course is designed to give the student basic knowledge needed for the operation of a child care center as a business. Business management, record keeping, financial, operational, staff, etc., will be covered. Departments will be stressed. Bookkeeping practices for an actual day care center will be included.

235-236 Planning and Evaluation of Child Care Center Supervision (1-1 credits). Classroom lecture and discussion to include management of child care programs, evaluation, methods of consultation, 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 economics of good nutrition for a child care center.

COURSES

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 studies will emphasize infant day care, work with exceptional children, and qualifications needed for kindergarten aides. Some knowledge of kindergarten curriculum will also be stressed.

262 Family and Community Involvement with Children (3 credits). The student will be given a basic understanding of the history and dynamics of family interaction, as affected by the rapid 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.

281 Occupational Experiences (2 credits). Techniques of obtaining employment, relationships among workers and supervisors, resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

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, and is offered as a refresher course for those students who have had an excessive period of time elapsed since their last formal schooling.

<table>
<thead>
<tr>
<th>COURSES</th>
<th>CREDIT HOURS PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-010 Blue Print Reading and Basic</td>
<td>1 10 hours</td>
</tr>
<tr>
<td>PT-020 Intro. to Tech. Communications</td>
<td>1 3 hours Lec.</td>
</tr>
<tr>
<td>PT-030 Intro. to Tech. Mathematics</td>
<td>1 5 hours Lec.</td>
</tr>
<tr>
<td>PT-040 Science Survey</td>
<td>1 5 hours Lec.</td>
</tr>
<tr>
<td>PT-050 Technical Orientation</td>
<td>1 2 hours Lec.</td>
</tr>
</tbody>
</table>

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.

VOCATIONAL TECHNICAL SCHOOL

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.
VOCATIONAL TECHNICAL SCHOOL
Electronics

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>DT 101 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>DT 111 Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>DT 131 Mathematics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>DT 141 Science</td>
<td>3</td>
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<tr>
<td></td>
<td>DT 153 Manufacturing Processes</td>
<td>2</td>
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</tbody>
</table>

Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DT 101 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td>DT 112 Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>DT 122 Introduction to Surveying</td>
<td>3</td>
</tr>
<tr>
<td>DT 132 Math</td>
<td>4</td>
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<tr>
<td>DT 142 Science</td>
<td>3</td>
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</table>

Third Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DT 201 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td>DT 221 Descriptive Geometry</td>
<td>3</td>
</tr>
<tr>
<td>DT 231 Applied Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>DT 241 Statics or DT 242 Strength of Materials</td>
<td>4</td>
</tr>
<tr>
<td>DT 253 Design Orientation</td>
<td>2</td>
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Fourth Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DT 202 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td>DT 222 Technical Report Writing</td>
<td>2</td>
</tr>
<tr>
<td>DT 232 Applied Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>DT 242 Strength of Materials or DT 241 Statics</td>
<td>4</td>
</tr>
<tr>
<td>DT 262 Occupational Relationships</td>
<td>2</td>
</tr>
<tr>
<td>DT 263 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. Four 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 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, credit course designed to maximize personal involvement.

122 Surveying (3 credits). Introduction to surveying, methods and computations. Required field work, with emphasis on compiling data and office computation. 4 clock hours per week. Prerequisite or corequisite with DT 132.

131 Mathematics (3 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.

141 Applied Physics (3 credits). A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to 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 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, planes and solids with practical drafting application. Four clock hours per week.

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 torsion, tension, compression and bending; introduction to limited structural design. Four clock hours per week. Prerequisite: DT 132.

263 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 to those to be encountered in practice. Three clock hours per week.

ET 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.

<table>
<thead>
<tr>
<th>COURSES</th>
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</thead>
<tbody>
<tr>
<td>ET-101-102 Electronics Laboratory</td>
</tr>
<tr>
<td>ET-104 Digital Computer Programming</td>
</tr>
<tr>
<td>ET-111-112 Communication Skills</td>
</tr>
<tr>
<td>ET-121 Electronic Drafting</td>
</tr>
<tr>
<td>ET-131-132 Basic Electronics Math</td>
</tr>
<tr>
<td>ET-141 Basic Physical Science</td>
</tr>
<tr>
<td>ET-151-152 Electronic Theory</td>
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<tr>
<td>ET-171-172 Circuit Analysis</td>
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ET ELECTRONICS - CURRICULUM

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<thead>
<tr>
<th>ST椋 SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>1ET-101-102 Electronics Laboratory</td>
<td>2</td>
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<tr>
<td>ET-104 Digital Computer Programming</td>
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<tr>
<td>ET-111-112 Communication Skills</td>
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<tr>
<td>ET-121 Electronic Drafting</td>
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</tr>
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<td>ET-131-132 Basic Electronics Math</td>
<td>4</td>
</tr>
<tr>
<td>ET-141 Basic Physical Science</td>
<td>2</td>
</tr>
<tr>
<td>ET-151-152 Electronic Theory</td>
<td>5</td>
</tr>
<tr>
<td>ET-171-172 Circuit Analysis</td>
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<tbody>
<tr>
<td>ET-201-202 Adv. Electronic Laboratory</td>
</tr>
<tr>
<td>ET-231-232 Advanced Electronic Math</td>
</tr>
<tr>
<td>ET-241-242 Advanced Electronic Science</td>
</tr>
<tr>
<td>ET-251-252 Advanced Electronic Theory</td>
</tr>
<tr>
<td>ET-262 Occupational Relationships</td>
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<tr>
<td>ET-271-272 Digital Electronics</td>
</tr>
<tr>
<td>ET-281 Digital Systems Design</td>
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<thead>
<tr>
<th>COURSES</th>
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<tbody>
<tr>
<td>ET-101 Electronics Laboratory (2 credits). Study of basic electricity, color code, test equipment. L.C.R. components, basic semiconductors. Ten hours laboratory per week.</td>
</tr>
<tr>
<td>ET-201-202 Adv. Electronic Laboratory</td>
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<tr>
<td>ET-101 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.</td>
</tr>
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<tr>
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<td>ET-281 Digital Systems Design</td>
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### FT FOOD SERVICE TECHNOLOGY

<table>
<thead>
<tr>
<th>Course No. and Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>FIRST SEMESTER</strong></td>
<td></td>
</tr>
<tr>
<td>FT-151 Food Theory and Techniques</td>
<td>5</td>
</tr>
<tr>
<td>FT-111 Communicative Skills</td>
<td>2</td>
</tr>
<tr>
<td>FT-131 Applied Mathematics</td>
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</tr>
<tr>
<td>FT-101 Food Presentation Systems &amp; Techniques</td>
<td>4</td>
</tr>
<tr>
<td>FT-262 Occupational Relationships</td>
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<tr>
<td>FT-141 Basic Nutrition</td>
<td>2</td>
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<td><strong>SECOND SEMESTER</strong></td>
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<td>FT-231 Restaurant Accounting &amp; Office Procedures</td>
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<td>FT-221 Catering &amp; Beverage Control</td>
<td>3</td>
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<tr>
<td>FT-201 Baking</td>
<td>3</td>
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<tr>
<td>FT-202 Restaurant Management</td>
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<tr>
<td>FT-241 Specialty Cooking</td>
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<tr>
<td><strong>THIRD SEMESTER</strong></td>
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<tr>
<td>FT-251 Advertising &amp; Promotion</td>
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<td>FT-252 Demonstration Methods</td>
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<tr>
<td>FT-203 Field Work</td>
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<tr>
<td>FT-222 Seminar</td>
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<tr>
<td><strong>FOURTH SEMESTER</strong></td>
<td><strong>16</strong></td>
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</tbody>
</table>

### COURSES

**101 Food Presentation Systems & Techniques (4 credits)**
This course covers the practical side of handling prepared food, but sets guidelines on table, dining room etiquette, dishwashing room and cashing. We concentrate on a certain job if time allowances, and not only, such as dishwashing. This course also familiarizes the student 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.

**202 Food Preparation Laboratory (6 credits)**
This course is designed to correlate the theory of departmental techniques with actual large quantity food service 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 nongraded, credit course.

**121 Purchasing, Storing and Receiving (3 credits)**
The practices of food purchasing, both theory and practical application. Includes storage and handling as keeping dealings 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 including the use of the balance sheet, income statement, payroll reports, sales income, taxes, records, reports, Federal, State and Social Security taxes, paychecks and figuring percentage of sales. Three clock hours per week.

**141 Basic Nutrition (2 credits)**
Study of the basic principles of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

**144 Food Standards (2 credits)**
The study of the factors to be considered when purchasing food. The use of certain factors in writing specific specifications for purchasing food to the Standard set by their operations. How to cut costs regarding yield of specific grades of foods. This is a second semester course. Two clock hours per week.

**201 Baking Laboratory and Theory (3 credits)**
Procedure and formulas used in industry bake shops. Preparation of bakery goods used at Boise Interagency Fire Center mess hall, including: dinner rolls, muffins, Danish pastry, sweet breads, cakes, pastry. Six clock hours per week.

**202 Restaurant Management (5 credits)**
Students are taught in the management phase in both the front and back of the house by acting as student chef, purchasing manager, dining room manager and other supervisory jobs for the Boise Interagency Fire Center mess hall. Sixteen clock hours per week.

**203 Field Work (10 credits)**
Student is placed in restaurant under supervision of Chef. First to observe, then help, and finally do the production job while their paid employee observes. He does every position in the kitchen and or dining room. Twenty-four clock hours per week.

**211 Catering and Beverage Control (3 credits)**
Practical approach to catering food service behaviors, covering theory in personnel duties, guarantees, menu pricing, function room rooms, forms and controls. Orientation into Bar Controls and Techniques. Also, Wine History and sales.

**222 Seminar (2 credits)**
Two clock hours per week.

**231 Restaurant Accounting and Office Procedures (3 credits)**
A study of the function of the profit and loss statement through the use of income statement, payroll reports, sales income, tax cards, records, reports, Federal, State and Social Security taxes, paychecks and figuring percentage of sales. Three clock hours per week.

**241 Specialty Cooking (2 credits)**
This includes fine pastries, sugar work, tallow carving, ice carving, etc. Also, methods of cooking with wines and brandies.

**251 Advertising and Promotion (2 credits)**
This course covers the history and basic programming of advertising in relation to the Food Service Industry. It also introduces 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.

**252 Demonstration Methods (2 credits)**
This course gives the student an opportunity to practice the demonstration technique. An opportunity to observe and critically number of demonstration and an opportunity to judge objectively the work of others. A fourth semester course. Two clock hours per week.

**262 Occupational Relationships (1 credit)**
Techniques of obtaining employment, relationships among workers and supervisors, Resolution of human relationship issues of shop and office. One semester nongraded, credit course.
### VOCATIONAL TECHNICAL SCHOOL

#### One Year Program

**MM FASHION MERCHANDISING — MID-MANAGEMENT**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Introduction to Business</td>
<td>3</td>
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<tr>
<td>Salesmanship</td>
<td>3</td>
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<tr>
<td>Clothing</td>
<td></td>
<td>3</td>
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<tr>
<td>Business Math/Machines</td>
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<td>2</td>
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<tr>
<td>Clothing Selection</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Textiles</td>
<td></td>
<td>3</td>
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<tr>
<td>Elements of Management</td>
<td></td>
<td>3</td>
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<tr>
<td>Principles of Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
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<td>2</td>
</tr>
</tbody>
</table>

### AB 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.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>CREDITS</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
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<tr>
<td>MM FASHION MERCHANDISING — MID-MANAGEMENT</td>
<td>Course offerings are described in Part V.</td>
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<td>MM MARKETING — MID-MANAGEMENT</td>
<td>Course offerings are described in Part V.</td>
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</tbody>
</table>
153 Automotive Theory (5 credits). Classroom study of the theory of the design, construction purpose and repair of the powertrain and brake systems by discussion, lecture, textbooks, visual aids and manufacturers' manuals and pamphlets. Ten hours lecture Summer and Spring, eight hours lecture Fall per week.


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>
<th>TITLE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tr>
<td>CC-101</td>
<td>Introduction to Child Development</td>
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<td>CC-151</td>
<td>Introduction to Child Development</td>
<td>3</td>
<td>3</td>
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<tr>
<td>CC-111-112</td>
<td>Communication Skills</td>
<td>3</td>
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<tr>
<td>CC-141</td>
<td>Health and Care of the Young Child</td>
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<tr>
<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>
<td>3</td>
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<tr>
<td>CC</td>
<td>Contracted Field Experiences in Early Child</td>
<td>1</td>
<td>1</td>
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<tr>
<td>CC</td>
<td>Planning and Evaluation of Laboratory Expe</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

CC total credits 17 16

Child Care Studies (Assistant) courses are described under Vocational Two-Year Programs.

DA 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 assistance courses are taught by a dentist and a dental assistant instructor.

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.

VOCATIONAL TECHNICAL SCHOOL
One Year Program

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<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
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<tr>
<td>DA-101-102</td>
<td>Dental Laboratory</td>
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<tr>
<td>DA-106</td>
<td>Dental Assisting Clinical Experience</td>
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<tr>
<td>DA-108</td>
<td>Dental Office Management</td>
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<tr>
<td>DA-109</td>
<td>Public Health and Dental</td>
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<tr>
<td>DA-111-112</td>
<td>Communication Skills</td>
<td>2</td>
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<tr>
<td>DA-151-152</td>
<td>Dental Theory</td>
<td>4</td>
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<tr>
<td>DA-262</td>
<td>Occupational Relationships</td>
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<tr>
<td>CM-111</td>
<td>Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>PE-1UB</td>
<td>First Aid (Elective)</td>
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</tr>
</tbody>
</table>

20 14

COURSES

DA DENTAL ASSISTING

101-102 Dental Laboratory (4-3 credits). This course consists of practical laboratory training in manipulation of dental materials, instrumentation, sterilizing and caring, pouring and trimming study models, custom trays, investing and casting, use of equipment and safety, and exposing and processing dental X-rays. Taken concurrently with DA 151-152. Fourteen clock hours per Fall semester. Six clock hours Spring semester.

106 Dental Assisting Clinical Experience (3 credits). Supervised chairside assisting experience in the private dental offices and hospital dental clinics. Sixteen clock hours per week.

108 Dental Office Management (2 credits). The fundamentals of business practices as related to dentistry including bookkeeping, appointment control, supply control, business correspondence, as well as credit and collection procedures. Two clock hours per week.

109 Public Health and Dental Hygiene (2 credits). This course deals with phases of health in which the student can aid in preserving 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.

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 nongraded, two semester course designed to maximize personal involvement.

151-152 Dental Theory (4-3 credits). Comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time in ethics, professional relationships, patient education, dental anatomy, terminology, charting, related sciences, and dental specialty fields. Taken concurrently with DA 101-102. Seven clock hours per week Fall semester. Six clock hours per week Spring semester.


DM 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.

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<tr>
<th>SUBJECT</th>
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<tr>
<td>DM-101-102-103</td>
<td>Diesel Lab</td>
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<tr>
<td>DM-151-152-153</td>
<td>Diesel Theory</td>
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<tr>
<td>DM-262</td>
<td>Occupational Relationships</td>
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</tbody>
</table>

COURSES

DM HEAVY DUTY MECHANICS—DIESEL

101-102-103 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.
VOCATIONAL TECHNICAL SCHOOL
One Year Program

151-152-153 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.


EL 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.

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
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<th>SPRING</th>
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<tr>
<td>EL-101-102-103 Lineman Lab</td>
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<td>EL-151-152-153 Lineman Theory</td>
<td>5</td>
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<tr>
<td>EL-262 Occupational Relationships</td>
<td>2</td>
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</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, underground installation of services, tree trimming, and the use and care of safety equipment. 25 hours per week.

161-152-153 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.


OF OFFICE OCCUPATIONS

Open Entry - Open Exit

The Office Occupations curriculum is designed to assist the student to progress on an individualized basis to employment in one or more of the various classifications of office occupations. The length of the course will depend upon the individual's goals and abilities. A certificate will be awarded upon completion of the course.

Admission:
Entrance requirements: All Boise State College admissions requirements must be met. The General Aptitude Test Battery (GATB) score must be on file in vocational counseling office. A personal interview is required by a vocational counselor at the School of Vocational Technical Education before admission.

After classroom work includes instruction in typewriting, stenography, business communications, business mathematics and machines, machine transcription, filing, accounts receivable, accounts payable, bookkeeping, payroll accounting, office practice, vocabulary and spelling, employment search. There are various levels of these courses available. The student may be a beginner or an advanced clerical trainee; therefore, there will be a variation of training time. The course curriculum is selected to meet the requirements of the individual's goals and abilities.

OR OPERATING ROOM TECHNOLOGY

9 Month Program

The Operating Room Technology Program, in cooperation with St. Alphonsus Hospital is approximately nine months in length and consists of daily practice in surgery and classroom instruction. A certificate will be awarded upon graduation from the course. Students are then eligible to take a certifying exam, which if passed, qualifies them as Certified Operating Room Technicians recognized by the Association of Operating Room Technicians and the Association of Operating Room Nurses and the American College of Surgeons.

Admission:
Entrance requirements: High School graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery. These tests are given at the Department of Employment and Boise State College respectively. A complete medical and dental examination is required. A personal interview with the instructor is necessary before admission. An advisory board recommends dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in basic sciences of anatomy and physiology, microbiology, sterilization, aseptic technique, instruction in the needs of humans in surgery, with emphasis on the operating room technician's part in meeting these needs.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery.

PC PARTS COUNTERMAN

9 Month Program

The Counterman Program is designed to familiarize the student with all phases of the Automotive parts business. A study of index systems, types of invoices, customer relations, refunding, refunding procedures and warranty adjustments will be covered. Emphasis and training on the use of catalogs, price sheets, and other related forms used in the parts industry are considered.

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<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
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<td>PC-101-102 Parts Counterman Lab</td>
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<td>PC-151-152 Parts Counterman Theory</td>
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<td>PC-131 Related Basic Mathematics</td>
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<td></td>
<td>PC-262 Occupational Relationships</td>
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</table>

COURSES

PC PARTS COUNTERMAN—Courses

101-102 Automotive Parts Laboratory (10-10 credits). In the laboratory experience, the student will gain full understanding of the organization of a parts store. A "mock store" is established and operated on campus in conjunction with the Automotive Mechanics and Auto Body Programs. The lab experience includes training for each particular type of dealership and jobber operation.

131 Related Basic Mathematics (2 credits). Basic arithmetic and a study of fractions, decimals and and percentages are covered. Micrometer readings to tenths of an inch are taught. The different types of discounting are fully covered.

161-182 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.

PM INDUSTRIAL PLANT MAINTENANCE
9 Month Program

The Industrial 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, 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.

COURSE NO. AND TITLE FALL SPRING
Industrial Maintenance Lab 10 10
Industrial Maintenance Theory 5 5
Occupational Relationships — 2

15 17

COURSES

PM INDUSTRIAL PLANT MAINTENANCE

121-122 Industrial 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 Industrial 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.


PN PRACTICAL NURSING PROGRAM
12 Month Program

The practical nursing program, in cooperation with three hospitals, two nursing homes, the Idaho State School and Hospital and the State Board for Vocational Education, is approximately one calendar year in length and consists of daily hospital nursing experiences and classroom instruction. A certificate is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them as Licensed Practical Nurses.

Admission:

Entrance requirements: High school graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery and a pre-entrance 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. They also recommend dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in the needs of individuals in health and in sickness, with emphasis on the practical nurses' part in meeting these needs.

Clinical experience consists of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, caring for sick children, new mothers and infants. Students are taken on field trips to specific health agencies in the community.

RH 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.

COURSE NO. AND TITLE FALL SPRING SUMMER
Air Conditioning Lab 10 10 10
Air Conditioning Theory 5 5 5
Occupational Relationships 2 — —

17 15 15

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 application 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 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.


SMALL ENGINE REPAIR
(Recreational Vehicles) 9 months

The Small Engine Program will include classroom and shop experience concerned with maintaining and repairing of 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.

COURSE NO. AND TITLE FALL SPRING
SE-101-102 SE Lab 14
SE-141-142 SE Theory 2
SE-282 Occupational Relationships 2

16 18

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.


**VOCATIONAL TECHNICAL SCHOOL**

**Other Programs**

**W 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.

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
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<tbody>
<tr>
<td>W 101-102 Welding Lab</td>
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<td>W 111 Welding Communications</td>
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<td>W 131-132 Related Basic Math</td>
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<tr>
<td>W 151-152 Welding Theory</td>
<td>2</td>
<td>2</td>
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<tr>
<td>W 262 Occupational Relationships</td>
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**16 15**

**W BASIC WELDING — Courses**

Basic Welding courses are described under Vocational Two-Year Programs. See page 123.

**PRE-VOCATIONAL TRAINING**

Pre-vocational education 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 workmen receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automotives, Nursing and Farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State 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, 1976
(The date in parenthesis is the year of first appointment)

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LOUISE ACKLEY, Assistant Professor of English ........ (1969)
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ROBERT deNEUFVILLE, Professor of Foreign Language (1949-1973)
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avery F. PETERSON, Assistant Professor of Political Science (1965-75)
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LYLE F. TRAPP, Assistant Professor of Auto Body (1953-1967)
G.W. UNDERSKOFER, Associate Professor of Accounting (1952-1974)
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<td>78</td>
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<td>Veterans Admission</td>
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<td>14</td>
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<tr>
<td>Zoology Courses</td>
<td>42</td>
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</table>
The following changes to the Boise State University Bulletin 1976 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
Under TUITION AND FEE SCHEDULE, first column, the fee schedule should be changed to read:

<table>
<thead>
<tr>
<th></th>
<th>Idaho Resident</th>
<th>Non-resident</th>
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<tbody>
<tr>
<td>Full Time</td>
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<tr>
<td>Tuition: (per semester)</td>
<td>$ 0</td>
<td>$520.00</td>
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<tr>
<td>Institutional Fees</td>
<td>183.00</td>
<td>183.00</td>
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<tr>
<td>TOTAL TUITION &amp; FEES</td>
<td>183.00</td>
<td>703.00</td>
</tr>
</tbody>
</table>

Page 6
Under RESIDENCE HALLS, rates, change to:

Morrison and Driscoll
Double: 
A: $1204 B: $1190 C: $1142
Single:
A: 1384 B: 1369 C: 1322

Towers
Double:
A: 1210 B: 1195 C: 1148

Chaffee:
Double:
A: 1220 B: 1205 C: 1158
Single:
A: 1382 B: 1367 C: 1320

Page 15
Second column, middle, under K. VETERANS, the schedule of credit hours for status for undergraduate students should read as follows:

- 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.

Page 15
After Section K. VETERANS, insert the following:
"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. In addition, inconsistencies in admission and residency requirements, lack of standardization of programs, and little coordination among academic institutions in evaluation of credits, previous training and experience have been further barriers to voluntary education."
SERVICEMAN'S OPPORTUNITY COLLEGE (continued)

"The Serviceman's Opportunity College Program (SOC) represents a network of nearly 300 institutions of higher learning which has recognized the needs of servicemen and women and has indicated its intention to meet these needs. The cooperation among these institutions as to policies on admissions, transfer of credits and residency requirements, and their participation in an organized effort geared to opportunities for program completion, represents a new commitment to education.

Boise State University, seeking to remove restrictive requirements which serve as 'barriers' to the serviceman seeking educational experiences, accepts 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 data 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 BSU.

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 whose jurisdiction that program lies.

6. No school or department shall be compelled to offer a SOC program--such programs are voluntary."

Second column, under GRADUATE, the following changes:

591 Research should read "591 Project".
596 Independent Study should read "596 Directed Research".

Page 39

For AR-302 History of Twentieth Century Movements in Art, add "spring semester" at the end of the course description.

For AR-361 Studio in Advertising Illustration, change the credits from two to three, change the studio hours from four to six, and substitute the wording "Advisable to take ...." for "Prerequisite".

For AR-371 History of Twentieth Century American Art, the last line should read ".... 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."

Page 40

Under Department of Biology, the following changes:

Under Requirements for Biology Major, I. Bachelor of Science Option,
2. Major requirements, B. Chemistry, change the credits for "B. Chemistry" from 16 to 15, and change "1. General Chemistry...10 credits" to "College Chemistry...9 credits".

Under Requirements for Biology Major, II. Secondary Education Option,
2. Major requirements, change the credits for "B. Chemistry" from 16 to 15.
Under the DEPARTMENT OF BIOLOGY the following changes:

- Second column, under Biology Major - Bachelor of Science, Freshman Year, change "General Chemistry....5(1st sem) 5(2nd sem)" to "College Chemistry....4(1st sem) 5(2nd sem)". and change the total first semester credits for freshman year from 16 to 15.

- Second column, under Biology Major - Secondary Education Option, Freshman Year, change "General Chemistry....5(1st sem) 5(2nd sem)" to "College Chemistry....4(1st sem) 5(2nd sem)", and change the total first semester credits for freshman year from 16 to 15.

Under the DEPARTMENT OF BIOLOGY, Forestry and Wildlife Management, Freshman Year, change "Introduction to Chemistry....4(1st sem) 4(2nd sem)" to "Essentials of Chemistry....4(1st sem) 5(2nd sem)". and change the total second semester credits for freshman year from 15 to 16.

Under the DEPARTMENT OF CHEMISTRY the following changes:

- Under Requirements for Chemistry Major, I. Liberal Arts Option, 2. Major Requirements, A. Chemistry, change the credits for "A. Chemistry" from 45 to 44 and change "General Chemistry....10 credits" to read "College Chemistry....9 credits".

- Under Requirements for Chemistry Major, suggested program, Freshman Year, change "General Chemistry....5(1st sem) 5(2nd sem)" to read "College Chemistry....4(1st sem) 5(2nd sem)", and change the total first semester credits for freshman year from 16 to 15.

- Under Requirements for Chemistry Major, suggested program, Sophomore Year, change "Analytical Chemistry" to read "Quantitative Analysis".

- First column, top, under 2. Major Requirements, A. Chemistry, change the credits for "A. Chemistry" from 39 to 38, and change "General Chemistry....10 credits" to read "College Chemistry....9 credits".

- First column, suggested program, under Freshman Year, change "General Chemistry....5(1st sem) 5(2nd sem)" to read "College Chemistry....4(1st sem) 5(2nd sem)", and change the total first semester credits from 16 to 15.

- Under suggested program, Sophomore Year, change "Analytical Chemistry" to read "Quantitative Analysis".

Change Chemistry Courses as follows:

Delete C-101-102 Introduction to Chemistry

Add new course:
C-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.
Change CHEMISTRY COURSES as follows:

Add new course:
C-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 enrollment in C-103. Concurrent enrollment in C-108 is required. Fall semester.

Add new course:
C-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.

Add new course:
C-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.

Add new course:
C-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.

Delete C-111-112 General Chemistry (changed to C-131-133) Any 200 level or above Chemistry courses have a prerequisite of C-131-132-133-134.

Add new course:
C-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.

Add new course:
C-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.

Add new course:
C-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.

Add new course:
C-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.

Page 44
Change prerequisite statement for C-411G Instrumental Analysis to read:
"Prerequisite: Quantitative Analysis C-211, and C-320, Organic Chemistry. C-320 may be taken concurrently with C-411."
Page 45
Substitute revised course description as follows for CM-111 Fundamentals of Speech-Communication:
"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."

Page 46
Substitute revised course description for CM 241 Oral Interpretation as follows:
"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."

Substitute revised course description for CM-311 Speech-Communication for teachers as follows:
"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."

Page 51
Second column, under Requirements for Geology Majors, Bachelor of Science, I. Geology Major, 2. Major requirements, change "B. Chemistry for Physical Sciences.......8 credits" to read "B. College Chemistry.......9 credits".

Under Geology Major, suggested program, Freshman Year change "Chemistry.... ......4(1st sem) 4(2nd sem)" to read "College Chemistry....4(1st sem) 5(2nd sem)", and change total second semester freshman credits from 16 to 17.

Page 52
First column, II. Earth Science Education Major, 2. Major Requirements, change "B. Introduction to Chemistry.....8" to read "B. College Chemistry......9".

Under Earth Science Education Major, suggested program, Freshman Year, change "Chemistry......4(1st sem) 4(2nd sem)" to read "College Chemistry....4(1st sem) 5(2nd sem)", and change the total second semester Freshman credits from 16 to 17.

Page 54
Under GS GENERAL SCIENCE add the following new course:
GS-305 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 curricular materials for secondary school science teaching. Spring Semester, alternate years.
Page 57
Under HY HISTORY, Graduate, HY-593 Research and Thesis (6 credits) should read "HY-593 Thesis (6 credits).

Page 66
Under Common Freshman Year, first column, change "Introduction to Chemistry (C-101-102).....4(1st sem).....4(2nd sem)" to read "College Chemistry (C-131-132-133-134).....4(1st sem)....5(2nd sem)" and change the second semester freshman year total credits from 17 to 16.

Page 67
Under PH PHYSICS, change PH-103 into two courses with the following descriptions:
PH-103 Radiation Physics (2 credits). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included. Fall semester.
PH-104 Radiation Physics (2 credits). An application of electrical, atomic and nuclear physics to image intensification, fluoroscopy, cine-radiography, video tape systems, stereoradiography, body section radiography, therapeutic radiology and nuclear medicine. Prerequisite: PH-103. Spring semester.

Page 78
Under TA THEATRE ARTS, TA-162 Stage Make-up, change the credit hours from 2 to 3.

Page 81
Under ACCOUNTING MAJOR, Sophomore Year, after "General Electives" add "(Areas I, II, III)"
Under INFORMATION SCIENCES MAJOR, Senior Year, for "General Electives (Area I, II, or III)"; change the first semester credits from 6 to 3, and add "Business Policies.....3(1st sem)"

Page 82
Under BUSINESS EDUCATION MAJOR, Basic Business Option, Senior Year, delete "UD Business Electives.....6(1st sem)" and substitute "Office Management....3(1st sem)", and "Administrative Office Procedures.....3(1st sem)"

Page 83
Under BUSINESS EDUCATION MAJOR, Shorthand Option, Freshman Year, delete the 3 credits second semester under Area I Electives. Under Junior Year, delete the last "Elective" entry and substitute "Business Statistics....3 credits second semester".

Under ECONOMICS MAJOR, Bachelor of Arts Program, the following:
Under Sophomore Year, change the "Area I Elective (Field Three)*" credits from 4 to 3.
Under Sophomore Year, delete "Introduction to Finance Accounting (AC 205)....3(1st sem)....5(2nd sem)" and substitute with "Introduction to Financial Accounting....3(1st sem)" and "Introduction to Managerial Accounting....3(2nd sem)"

Bottom of page, first footnote, change page number from 31 to 17.
Bottom of page, footnote indicated ***, change page number from 32 to 18.
Page 84
Under Sophomore Year listing at the top of the first column, as follows:

Change second semester credits for "Non-Business Elective" from 5 to 8.

Delete "Principles of Accounting....3(1st sem)....3(2nd sem)" and substitute "Introduction to Financial Accounting....3(1st sem)" and "Introduction to Managerial Accounting....3(2nd sem)".

Under Junior Year, top of first column, under "Business Statistics", delete the 3 credits under second semester, and add the course "Advanced Business Statistics....3(2nd sem)".

Under Junior Year, top of first column, delete "Applied Business Communications....3(2nd sem)" and substitute with "Economics Electives, 3 credits both first and second semesters".

Under GENERAL BUSINESS MAJOR, No Option, the following:
Under Sophomore Year, add the course "Business Statistics....3(1st sem)".

Under Junior Year, delete "Introduction to Financial Accounting" and substitute "Principles of Finance....3(1st sem)".

Page 85
Under INDUSTRIAL BUSINESS MAJOR, Production Option, the following:
Freshman Year, change "introduction to Chemistry" to read "College Chemistry" and change 2nd semester credits from 4 to 3, and total second semester Freshman credits from 17 to 16.

Sophomore Year, under "Physics II & III", change second semester credits from 4 to 3.

Sophomore Year, Add "I and II" after "Business Statistics" and change the second semester credit hours from zero to three.

Sophomore Year, delete "Fundamentals of Speech....3(2nd sem)" and change the total credits first semester from 18 to 16, and second semester from 15 to 16.

Junior Year, change the credit hours for "Production Management" from second semester to first semester.

Junior Year, delete "Adv. Business Statistics....3(1st sem)" and add the course "Fundamentals of Speech....3(2nd sem)".

Senior Year, change the title of "Production Proc. & Controls" to read "Production Decisions & Controls".

Senior Year, change the credit hours for "Electives" from 3 to zero for first semester, and from 5 to 7 for second semester, and add "Business Policies....3(1st sem)" Change the total second semester credits from 14 to 16.

Under INDUSTRIAL BUSINESS MAJOR, Sales Option, Freshman Year, change "Introduction to Chemistry....4(1st sem)....4(2nd sem)" to read "College Chemistry ....4(1st sem)....3(2nd sem)" and change the total credits first semester from 16 to 17 and second semester from 17 to 16.
Page 86
Under Senior Year, top of first column, change first semester credit hours for electives from 6 to 3, and add the following courses:
- Sales Administration...3(1st sem)...0(2nd sem)
- Cost Accounting......0(1st sem)....3(2nd sem)
- Business Policies......3(1st sem)...0(2nd sem)

Under FINANCE MAJOR, Freshman Year, under "General Electives (Area I, II, III)" change the first semester credit hours from zero to three.

Page 87
Under Real Estate Electives, bottom of second column, the third line should read "Tax Factors or Principles of Income Taxation".

Page 88
Under MARKETING MAJOR, the following:
- Under Freshman Year, delete "Introduction to Business....3(1st sem)";
- and change the first semester credit hours for "Electives" from 3 to 6.

- Under Senior Year, add the course "Business Policies....3(2nd sem)" and change the second semester credit hours for "Electives****" from 9 to 6.

Under OFFICE ADMINISTRATION MAJOR, Senior Year, change the credit hours for first listed "U.D. Electives" for first semester from 6 to 3, and for second semester from 7 to 4. Then add the following new courses:
- Price Theory..................3(1st sem)....0(2nd sem)
- U.D. Economics Elective........0(1st sem)....3(2nd sem)

Page 89
Under Fashion Merchandising, Mid-Management, Sophomore Year, change the title of "Introduction to Marketing" to read "Consumer Marketing".

- Under Marketing-Mid-Management, Sophomore Year, change the title of "Introduction to Marketing" to read "Consumer Marketing".

Page 91
Under EC ECONOMICS, In the course description of 303 Price Theory, third line, the fourth word should be "the" instead of "that".

Under EC ECONOMICS, in the course description of 315 Comparative Economic Systems, the second line should read "....and methods of various economic systems, i.e., the goals and methodology of capitalism.....".

Page 92
Under FI FINANCE, 450G Investment Management, under the prerequisites, "FL 303" should read "FI 303".

- Under GB GENERAL BUSINESS, 303 Law of Property, the prerequisite listed as "GB 201" should read "GB 202".

- Under GB GENERAL BUSINESS, 360 Business Ethics, Government, and Social Responsibility, add at the end of the course description "Either semester".

- Under GB GENERAL BUSINESS, 441G Government and Business, the prerequisite listed as "GB 201" should read "GB 202".
Page 93

Under MM MARKETING, MID-MANAGEMENT, the title of 201, "Introduction to Marketing" should be changed to read "Consumer Marketing".

Under RE REAL ESTATE, for the courses 431 Appraisal of Income Properties and 450 Real Estate Brokerage Management, the prerequisite "RE 332" should be changed to read "RE 333".

Pages 94 and 95

Courses in the MBA program will no longer have "MB" designators. Instead, they will have departmental course designators, but will still be listed separately in the catalogs and bulletins. The changes will be as follows:

Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>GB 510</td>
<td>Bus. &amp; Environment</td>
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<tr>
<td>MK 519</td>
<td>Mktng. Anal.</td>
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<tr>
<td>FI 530</td>
<td>Fin. Mgt.</td>
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<tr>
<td>AC 532</td>
<td>Acctng., Plan., Control</td>
</tr>
<tr>
<td>MG 540</td>
<td>Org. Theory</td>
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<tr>
<td>EC 550</td>
<td>Mgrl. Econ.</td>
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<td>GB 579</td>
<td>Bus. Policy Form.</td>
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*either course satisfies core

Electives

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<th>Course Code</th>
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<tr>
<td>BE 512</td>
<td>Bus. Res. &amp; Com. Tech. (was MB 511)</td>
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<tr>
<td>MK 520</td>
<td>Mktng. Probs.</td>
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<td>MG 541</td>
<td>Pers. Policies</td>
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<td>DP 542</td>
<td>Comp. App. for Mgt.</td>
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<td>MK 586</td>
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<td>** 590</td>
<td>Internship</td>
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<td>** 596</td>
<td>Directed Research (was Ind. Study)</td>
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<td>** 599</td>
<td>MBA Seminar</td>
</tr>
<tr>
<td>** 597</td>
<td>Special Topics</td>
</tr>
</tbody>
</table>

**Will carry department designator according to subject (AC, DP, EC, FI, GB, MK, MG)

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Under MB REQUIRED COURSES (now with different designators), for GB 512 Statistical Methods for Business Decisions, the following sentence needs to be inserted immediately before the prerequisite statement - "The student who feels weak in Math is advised to take M-561 as a refresher course."

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Second column, under Additional Information, Section B., change the course designators to read as follows:

GB-510 Business and its Environment
BE-512 Business Research and Communications
MK-520 Marketing Problems
AC-532 Accounting-Planning and Control
MG-541 Personnel Policy
EC-550 Managerial Economics

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Second column, Add to the list of courses available to complete the required twenty hours (middle of column) the course GS 305 - Teaching Science in the Secondary School - 3 credits.
Under TE TEACHER EDUCATION, the following is a new title and description for Developmental Reading:

108 Efficient Reading and Effective Study Skills (2 credits). This course is designed to develop the reading and study skills of the college student. Areas covered 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 activities are employed, including multi-media techniques, to aid student development.

Under TE TEACHER EDUCATION, the following changes:

Add new course as follows: 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 his educational needs. Emphasis is given to the development of curricula 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.

Add new course as follows: 423G Teaching the Severely Handicapped (3 credits). The course is designed to aid participants to gain skills necessary 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 to develop and field test their own curricula model. Prerequisites: successful completion of TE-422. Curricular Programs for the Severely Handicapped and/or graduate status. Spring semester.

Add new course as follows: 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 based upon the Learning Theory Model and Intervention Strategy to deal with children in classroom and the relationship of their behavior to the environment. Prerequisite: TE-391 Psychology of the Exceptional Child or permission of the instructor. Either semester.

Change the course description of 462 Curriculum in Early Childhood Education to read as follows: "All areas of the curriculum will be explored. Various early childhood curriculums from national programs will be examined. The processes and materials for intellectual and language development examined and utilized."

Delete the course 463 Teaching Strategies in Early Childhood Education.

Change the title and course description of 464 to read as follows: "464 Teaching and Organizational Strategies in Early Childhood Education (ages 0 thru 8) (3 credits). Learning Centers, instructional materials, (software and hardware) individualization of instruction, small and large group instruction and video equipment will be covered. The use
of aides, parents, and other community resources in the classroom will be discussed along with techniques for evaluating their progress. The use of British Infant and Primary Schools will be explored in depth as will various United States open-classroom models.

Add new course as follows: 465 Creating Materials in Early Childhood Education (ages 0 thru 8) (3 credits). Students will learn to make, for their classrooms, inexpensive materials that are best suited to meet the objectives of their lessons. Various materials such as independent study devices, display devices, pocket charts, self-correctional devices, circuit boards, programmed instruction, puppets, puppets, and games will be covered. Students will be charged a lab fee which will be used to purchase instructional supplies.

Page 117
Second column, under CURRICULUM, Freshman Year, Change "Chemistry(C-101)" to read "Essentials of Chemistry".

Page 120
Under REQUIREMENTS FOR PRE-MEDICAL, etc., under I. Biology Option, 3. Chemistry Requirements, change the credit hour requirements for "3. Chemistry Requirements" from 24 to 23, and change "General Chemistry......10 credits" to read "College Chemistry......9 credits".

Under REQUIREMENTS FOR PRE-MEDICAL, etc., the following changes:
Under II. Chemistry Option, 3. Chemistry Requirements, change the credit requirements for "3. Chemistry Requirements" from 40-41 to 39-40, and change "General Chemistry......10 credits" to read "College Chemistry.. ....9 credits".

Under suggested programs, Chemistry Option, Freshman Year, change "General Chemistry" to "College Chemistry" and change the first semester credit hours from 5 to 4, and change the total first semester credit hours from 16 to 15.

Under suggested programs, Biology Option, Freshman Year, change "General Chemistry" to "College Chemistry" and change the first semester credit hours from 5 to 4, and change the total first semester credit hours from 16 to 15.

Page 121
First column, under CURRICULUM, change "General Chemistry" to read "College Chemistry".

First column, Under PRE-DENTAL HYGIENE, Sophomore Year, the first lines concerning chemistry should be changed to read:
"Essentials of Chemistry or College Chemistry......4(1st sem)...5(2nd sem)."
and the total credits for the first semester should be changed from 14-16 to 14-15, and total credits for second semester should be changed from 15-17 to 16-17.

Second Column, under HEALTH SCIENCE STUDIES, BACHELOR OF SCIENCE, the following:
Under I. Requirements, fifth line, "General Chemistry....10" should be changed to read "College Chemistry....9", and the subtotal should be changed from 83 credits to 82 credits.
Second column, etc. (continued):

Under 1. Requirements, delete "General Biology...10 credits" and "Physiology.....4 credits".

Under 2. Electives (science) 6 courses, fourth line, "Analytical Chemistry (5)" should be changed to read "Quantitative Analysis (5)".

First column, REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR, under 1. Completion of basic core requirements, the following:

Change "General Chemistry....10" to read "College Chemistry....9".

Change "Physiology" to read "Mammalian Physiology (Z-401)".

First Column, under Medical Office Assistants, Sophomore Year, the following:

Change the title of "Communication in Business" to read "Applied Business Communication".

Change the title of "Principles of Accounting" to read "Introduction to Financial Accounting".

Second column, under REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR, D. Science Requirements, change the credits for "D. Science Requirements" from 69 to 68, and change "General Chemistry....10" to read "College Chemistry....9".

Under ENVIRONMENTAL HEALTH, suggested program, Freshman Year, change "General Chemistry" to read "College Chemistry" and change the first semester credit hours from 5 to 4.

First column, top of page, continuation of Freshman Year, change total credits for first semester from 16 to 15.

Under Courses, HEALTH SCIENCES, the prerequisite for 210 Principles of Pharmacotherapeutics (Pharmacology) should read "Prerequisites: C 107-108-109-110 or C 207-208 or C 317-318; B 107 or B 401".

Second column, under University-Wide Numbering of Graduate Offerings, 593 should read "593 Thesis", deleting the word Research.

596 should read "596 Directed Research", deleting the words Independent Study.
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<th>Exam Title</th>
<th>BSU Course # &amp; Credits</th>
<th>Minimum score required for credit</th>
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<td>American Government</td>
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<tr>
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<td>M 111 (5)</td>
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