PART III  
Student Affairs

OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS
The office of the Vice President for Student Affairs coordinates the activities of the University that provide direct service to the student. All services are considered supportive to the instructional program and are designed to provide direct assistance to students in the attainment of their immediate and long range educational goals.

The staff of the Vice President for Student Affairs administers a student services program encompassing student government, housing, organizations and activities, health, Student Union, counseling, financial aids, and career planning and placement.

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 15 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 500 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 nine student members, three faculty members, five 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.

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

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

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

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

CENTER FOR COUNSELING, TESTING AND GUIDANCE
The Center for Counseling is a service designed to help students with personal, educational, vocational and social problems. Professional counselors work with the student in a setting that allows confidential discussion of the student's concerns. This service is based on the premise that many normal individuals have, at some times, problems that they cannot resolve alone. The student may concentrate on a specific problem or he may work on his general adjustment to the academic life. Psychological tests may be used for self-evaluation and information. Occupational information is available.

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

ALUMNI AFFAIRS OFFICE
The Alumni Office is located on the second floor of the Student Union Building. The function of the office is to coordinate activities of the Boise State University Alumni Association, a voluntary organization incorporated in 1967. Membership includes all graduates 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 magazine and newsletter, and periodical mailings keep the alumni informed of campus activities. All members are urged to keep the Alumni Office informed about changes of address, employment status, marriages, births, and other information of interest to fellow class members. Students and alumni are welcome to visit at any time during office hours.

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

Financial Assistance

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, national origin, or sex, in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Education 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.

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 type 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. Those entering college after April 1, 1973 should complete 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 (no 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, 1976 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 SHEET (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, 1976. 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.

DUPLICATION 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 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) in which aid is received and the calendar year prior to the academic year for which aid is requested.

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.

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
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) Presidential Awards
A limited number of Presidential 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.

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 Forms 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.

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. This grant program is being "phased out" by the Federal Government.

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. See end of this section.

8) Law Enforcement Education Program
The Law Enforcement Education Program (LEEP) provides grant or loan funds for fees and books for the upgrading of law enforcement personnel. Recipients of grants must be full-time employees of a publicly funded law enforcement agency. 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. A SPECIAL APPLICATION IS NECESSARY EACH SEMESTER. Failure to continue law enforcement employment obligates the grant recipient to repay the full amount of the funds awarded. Loans in excess of fees and books are available only to law enforcement personnel who are certified to be on academic leave. (An ACT-FFS would be required). Students in their FINAL year of criminal justice administration may borrow for fees and books. Applications must be received prior to four weeks before registration.

9) Native American (American Indian Students Tribal and BIA (Bureau of Indian Affairs) Grant
A student whose eligibility for Indian student education grant aid can be verified by their tribal agency, in addition TO FILING THE ACT-FFS, SHOULD 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.

10) Migrant Opportunity Program (M.O.P.)
This program may provide grants to students from families who are migrant or seasonally employed agricultural employees and whose income is below the Department of Labor-Migrant Division poverty level. Applicants should complete the ACT-FFS, contact Career and Financial Services for additional information, and the local office of the Idaho Migrant Council FOR A SPECIAL APPLICATIONS.

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. 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 is being terminated by the immigration and naturalization service.

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.I. Gottenberg Foreign Student Loan Fund and the Boise Rotary International Student Loan Fund are available upon recommendation of the foreign student advisor. Repayment to the university within a specified time is mandatory.

GENERAL INFORMATION ON BASIC GRANTS
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 began or will begin your post-high school education after April 1, 1973. If you have taken college courses while still attending high school or if you were enrolled in a remedial program before April 1, 1973, you are still eligible to apply for a Grant.
3. You will be enrolled in an eligible program at an eligible college, university, vocational or technical school, and you will be attending on a full-time basis.
4. 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.

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 Center

The Program Center, 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 and filing cabinets for the various campus organizations. Come to the Program Center to obtain any information regarding campus activities.

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

Student Organizations
On the Boise State 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 Center 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 yearbook, a complete men's and women's intramural and recreational program, a drill team, a marching band, cheerleaders, and partially fund such programs as drama, debate, choir and community symphony.

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

All Faiths Council is composed of student representatives or recognized religious organizations on campus. The Council promotes and coordinates religious activity. This includes not only Christian and Jewish organizations but also the great Eastern religions. The Council encourages and assists new groups to form on campus and receive recognition from the 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 of the ASB Student Government and the University to Boise State University Policies and Procedures, Activities, Organizations, and Student Government. The Handbook is published annually through the joint efforts of the ASBSU Student Handbook Committee and the Student Advisory and Special Services Office.

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, Sigma Tau Gamma, and Tau Kappa Epsilon for men are active on campus. Membership in these fraternities and sororities is by invitation only. Students interested in obtaining more information about them should write directly to the Activities Center, College Union Building.

Band, Orchestra, and Choir
The Music Department provides opportunity for music students, as well as other interested students who can qualify, to participate in the Boise State University orchestra, bands, choirs, and smaller ensembles. Particulars are noted in the various course descriptions found in the ME (Music, Ensemble) section of the Music Department course offerings elsewhere in this Bulletin. For additional information contact the Music Department office.

Theatre
All members of the Associated Students are admitted without charge to a full season of theatre productions. All students of BSU 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 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, Cheerleader and-or Broncettes trips (except athletics) 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.
   c) Have earned at least a 2.00 Cumulative GPA during his previous semester at this University and carried a full-time load during said semester.
   d) Have a 2.00 Cumulative GPA or better. The ABSSU President, Vice President, Treasurer, and Senate members shall have a minimum 2.25 cumulative GPA standing at the time of election to office.

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

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

**A. Student Residential Life**

The Office of Student Residential Life is primarily responsible for counseling, programming, and services related to the residence halls, married students housing, and off-campus living concerns. The Office helps to implement and initiate or revise the university’s housing policies and procedures, and coordinates these efforts with the Housing Office. This Office selects residence hall staff and maintains an ongoing training program. Supervision is provided for the President’s Council, as well as advising for the various residence hall judicial boards. Through research and programs related to student living concerns, the Office of Student Residential Life hopes to enrich the total educational experience for the Boise State student.

**B. Director of Housing**

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

**C. 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 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 an official contract form and accompanied by a security deposit of $35.00.

**D. Application Procedure**

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

Director of Housing
Boise State 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 Housing Office with:
   a. A $35.00 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 is refundable when the student permanently moves out of the residence hall as specified in Residence Hall Contract Conditions, Form 1A. Security deposits are forfeited if cancellation of a room assignment is not received prior to August 1 for the Fall Semester and January 3 for the Spring Semester.

b. Signature of parent or guardian for students under 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 Housing Office to pay or make arrangements for room and board fees. The student will be advised of his specific room number when he moves into his hall.

ACCEPTANCE AND PROCESSING OF THE CONTRACT BY THE DIRECTOR OF HOUSING DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE UNIVERSITY: AND 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 1975-76)

Fall Semester — August 26, 1975 through December 18, 1975. (Except Thanksgiving Vacation, November 27 through November 30, 1975.)

Between Semesters — December 19, 1975 through January 5, 1976. Meal Service will be suspended and the Snack Bar will be closed.


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 upon receipt of the letter of temporary assignment; confirmation of a room assignment cannot be made until financial terms of this contract are met by total payment or the three specified installments. Arrangements for payment other than the above must be made directly with the Housing Office.

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

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

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

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

9. 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.

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

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

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

13. Possession of torches, firecrackers, gunpowder and/or other forms of explosives that could be hazardous to the health and welfare of the students is strictly prohibited.

14. Residents of Boise State University housing must be currently enrolled students. Full-time students (8 or more credit hours) have assignment preference over part-time students. Continuing students may reside in student housing during summer months at the discretion of the Director of Housing.

E. Off-Campus Student Housing

Lists of available housing are on file in the Housing Office. 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.

F. Married Student 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 $70.00 for small one-bedroom, $96.00 for large one-bedroom, $110.00 for two-bedroom, and $127.00 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 $116.00 per month and two-bedroom apartments for $141.00 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 Housing Office, Room 209, Administration Building.

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

School of Arts and Sciences

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), and Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition.)

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

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

ACTIVITIES

The Cold-drill

The Department of English, in addition to offering a chance for students to improve their creative, literary skills by studying under producing authors in classes aimed to increase the student's critical and creative abilities, publishes each year a magazine designed to display the best efforts of both the faculty and student body of Boise State 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 intercollegiate offerings of the Department of Communication including Debate, Reader's Theatre, and productions of plays from both the classical and modern repertoires in the University's unique Subal theatre; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in an "American Historical Tours" presented by the college each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART

Chairman and Professor: Dr. Louis A. Peck. Associate Professors: Huff, Kober, Dravetz, Takehaus; Assistant Professors: Caldwell, Killmaster, Morgan, Ochi, Roberts, Russell, Shaffly, Skov, Waide, Winkler-Green, Wright; Instructor: Christian Douglass Proctor, Lab Assistant: Hughes

1 General Art— Bachelor of Arts Program

1. General University and Basic Core Requirements .51

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 .................................. 41
(Fifteen credit hours must be taken outside of art area.)
II. Art Education—Bachelor of Arts Program

1. General University and Basic Core Requirements
2. Art Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painting</td>
<td>6</td>
</tr>
<tr>
<td>Watercolor</td>
<td>4</td>
</tr>
<tr>
<td>Drawing</td>
<td>6</td>
</tr>
<tr>
<td>Design</td>
<td>4</td>
</tr>
<tr>
<td>Art History</td>
<td>6</td>
</tr>
<tr>
<td>Ceramics</td>
<td>2</td>
</tr>
<tr>
<td>Sculpture</td>
<td>2</td>
</tr>
<tr>
<td>Printmaking</td>
<td>2</td>
</tr>
<tr>
<td>Crafts</td>
<td>2</td>
</tr>
<tr>
<td>Lettering</td>
<td>2</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>3</td>
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3. Education Requirements for Qualification Toward State Certification

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Audio-Visual Aids (Optional)</td>
<td>2</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>Secondary School Methods</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Art Methods in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>Elementary School Art Methods</td>
<td>3</td>
</tr>
<tr>
<td>Secondary Student Teaching</td>
<td>6</td>
</tr>
</tbody>
</table>

4. Electives

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-23</td>
</tr>
</tbody>
</table>

III. Art/Advertising Design—Bachelor of Arts Program

1. General University and Basic Core Requirements
2. Art Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising Design</td>
<td>10</td>
</tr>
<tr>
<td>Watercolor and/or Painting</td>
<td>8</td>
</tr>
<tr>
<td>Drawing</td>
<td>6</td>
</tr>
<tr>
<td>Advertising Illustration</td>
<td>4</td>
</tr>
<tr>
<td>Design</td>
<td>4</td>
</tr>
<tr>
<td>Lettering/Lettering and Layout</td>
<td>4</td>
</tr>
<tr>
<td>Art History</td>
<td>6</td>
</tr>
<tr>
<td>Printmaking</td>
<td>2</td>
</tr>
<tr>
<td>Creative Photography</td>
<td>2</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

3. Electives

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
</tr>
</tbody>
</table>

(Fifteen credit hours must be outside the art area.)

128*

I. General Art—Bachelor of Fine Arts Degree

1. General University and Core Requirements
2. Art Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painting</td>
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<tr>
<td>Drawing</td>
<td>8</td>
</tr>
<tr>
<td>Art History</td>
<td>12</td>
</tr>
<tr>
<td>Watercolor</td>
<td>4</td>
</tr>
<tr>
<td>Design</td>
<td>4</td>
</tr>
<tr>
<td>Printmaking</td>
<td>2</td>
</tr>
<tr>
<td>Sculpture</td>
<td>2</td>
</tr>
<tr>
<td>Ceramics</td>
<td>2</td>
</tr>
<tr>
<td>Crafts</td>
<td>2</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Art Electives</td>
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</table>

3. Electives

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
</tr>
</tbody>
</table>

(Fifteen credit hours must be outside the art field.)

128*

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, which include: painting, watercolor, drawing, ceramics, sculpture, printmaking, crafts, photography.

III. Art/Advertising Design—Bachelor of Fine Arts

Degree Advertising Design Emphasis

1. General University and Core Requirements
2. Art Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising Design</td>
<td>10</td>
</tr>
<tr>
<td>Painting</td>
<td>8</td>
</tr>
<tr>
<td>Drawing</td>
<td>8</td>
</tr>
<tr>
<td>Watercolor</td>
<td>4</td>
</tr>
<tr>
<td>Design</td>
<td>4</td>
</tr>
<tr>
<td>Sculpture, Ceramics, or Crafts</td>
<td>6</td>
</tr>
<tr>
<td>Lettering/Lettering and Layout</td>
<td>4</td>
</tr>
<tr>
<td>Art History</td>
<td>12</td>
</tr>
<tr>
<td>Creative Photography</td>
<td>2</td>
</tr>
<tr>
<td>Printmaking</td>
<td>2</td>
</tr>
<tr>
<td>Advertising Illustration</td>
<td>4</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

3. Professional Electives

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>67</td>
</tr>
</tbody>
</table>

(Fifteen credit hours must be outside the art area emphasis.)

128*


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

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.
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.

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.

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

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.

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. Either semester. Either semester.

Introduction to the human figure. Four studio hours per week. Advisable to take AR 111 prior to AR 112. Spring semester.

Painting (2 credits). Emphasis on the 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.

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.

Landscape Painting (3 credits). Various styles and techniques in landscape painting in oil, watercolor and related media. Fall - "ris. Six studio hours per week (semester basis). First summer session.

Interior Decorating (3 credits). Adapting in understanding and appreciating interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture. Two hours lecture, one-half hour demonstration per week. Either semester.

Photography Theory

Photography Laboratory

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.

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.

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

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.

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. Fall semester.

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.

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

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.

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.

Painting-Watercolor (2 credits). A creative exploration in design and construction problems. Various materials will be utilized, with primary emphasis on jewelry design and metals. Craftsmanship, and the care and usage of tools will be stressed. Four studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 221. Fall semester.

Painting-Watercolor (2 credits). Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized. Four studio hours per week. Advisable to take AR 105, 106, and 221 prior to AR 222. Spring semester.

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

Ceramics (2 credits). Beginning the use of the potter's wheel, molding, casting and constructing. Four studio hours per week. Advisable to take AR 105 or AR 106 prior to AR 231. Spring semester.

Sculpture (2 credits). Work in a variety of three dimensional material, with emphasis on the techniques of carving, modeling and casting. Four studio hours per week. Advisable to take AR 105 or AR 106 prior to AR 232. Spring semester.

Sculpture (2 credits). Continued work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling and casting. Four studio hours per week. Advisable to take AR 105 or AR 106 prior to AR 232. Spring semester.

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.

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

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

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. Each semester, may be repeated once for credit. Either semester.

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. Advisable to take AR 105 and AR 106 prior to AR 303. Each semester may be repeated once for credit.

Studio in Metalsmithing (3 credits). Advanced study in materials of jewelymaking and metalsmithing with special emphasis on forging, stonestoning, cutting, and mechanical techniques as further personal and professional development of craftsmanship. Prerequisites: Advisable to take AR 211, 222. Six studio hours per week. Each semester may be repeated once for credit.

Studio in Printmaking (3 credits). Advanced work in individual printmaking techniques. May be repeated once for credit in any one of the following areas: woodcut, lithography, intaglio, and serigraphy. Six studio hours per week. Each semester.

Drawing (3 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. Each semester may be repeated once for credit.

Painting (3 credits). Creative work in representational or nonrepresentational areas in oil and related media. Six studio hours per week. Advisable to take AR 113-114. AR 215-216 prior to AR 315. Each semester may be repeated once for credit.

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.

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.

Elementary School Art Methods (3 credits). For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Materials and methods of communication and spontaneous expression are stressed. Two lecture and two studio hours per week. Either semester.

Studio in Ceramics (3 credits). Advanced studio in the materials of ceramics, with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. Six studio hours per week. Advisable to take AR 225 and 226 prior to AR 325. Individual instruction will be given. Each semester may be repeated once for credit.

Studio in Sculpture (3 credits). Advanced studio 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. Each semester may be repeated once for credit.

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 341. Each semester may be repeated once for credit.

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

Studio in Advertising Illustration (2 credits). Advised study emphasizing techniques and methodology of illustrating finished art for ads. Fundamental approaches to story, product, fashion and decorative illustration with emphasis on building a portfolio. Four studio hours per week. Prerequisite: AR 203-204. Either semester may be repeated once for credit.

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

Chairman and Professor: Dr. Donald J. Obee; Professor: Fritchman; Associate Professors: Baker, Belknap, Fuller, Papenfuss, Wyllie; Assistant Professors: Centanni, Jones, Kelley, Long; Special Lecturer: Moore.

REQUIREMENTS FOR BIOLOGY MAJOR

1. BACHELOR OF SCIENCE OPTION
   1. General University and Baccalaureate Degree Requirements see pages 16-18.
   2. Major Requirements:

   CREDITS

   A. Biology ...................................... 45
      1. Advanced General Biology ................. 10
      2. Biology—any two courses .................. 9
         Bacteriology ................................ 5
         Ecology .................................... 3
         Evolution ................................... 3
         Genetics ................................... 3
      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
         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, Micro
         technique, Ornithology, Parasitology, Ichthyology, F.W. Algae.
   B. Chemistry .................................. 16
      1. General Chemistry ....................... 10
      2. Elementary Organic Chemistry .......... 6
   C. Mathematics ................................
      1. Mathematics 115-116 .................... 10
   3. Recommended Electives ....................... 25
      1. Introduction to Biophysics ..............
      2. Earth Sciences ...........................
      3. Chemistry ............................... 3
      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)

FRESHMAN YEAR:

<table>
<thead>
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SOPHOMORE YEAR:

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SCHOOL OF ART & SCIENCES

Biology
## COURSES

### BIOLOGY

#### Lower Division

**100 Concepts of Biology** (4 credits). An introductory course for non-majors planning to take only one semester of Biology. A survey of the plant and animal kingdoms with emphasis on topics such as evolution, genetics, and ecology and their application to such current problems as pollution, over population and eugenics. May not be used to form a sequence with either B 101 or B 102. Students who have received credit for B 102 or B 204 may not receive credit for B 100. Three lectures and one 2-hour laboratory period per week. Each 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 2-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 others. Modern concepts of the chemical properties and physiological activities of organisms are emphasized. Plants are considered in the Fall semester; animals in the Spring. Three lectures and two, three-hour laboratories per week. Prerequisite: General Chemistry, C 111-112; Introduction to Chemistry, C-101-102. A concurrent course in Organic Chemistry is recommended. Each semester.

**205 Microbiology** (3 credits). A course designed for nursing, respiratory therapy, and home economics students. A general survey of microbiology with emphasis on medical microbiology. Two 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 3-hour laboratory periods a 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, rickettsial, and chlamydia that contribute to their pathogenicity. Laboratory studies are directed towards the identification and biochemical characterization of clinically important bacteria. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. Spring semester.

**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.

**344 Genetics Laboratory** (1 credit). A practical course in the techniques of growing and analyzing genetical material. The laboratory work will include exercises in culturing of Drosophila, and other animal and plant materials. Results of experimental work will be analyzed and reports submitted. Prerequisite: concurrent or prior enrollment in Genetics Lecture. Spring semester.

**365 Cytology** (4 credits). This course is a study of prokaryotic and eukaryotic cells, their specializations, and the structure, function, and variations in their cellular organelles; the mechanism of mitosis, meiosis; chromosome aberrations; the interactions of nucleus and cytoplasm; and cytological methods. Three 1-hour lectures and one 3-hour lab. Prerequisite: Advanced General Biology. Alternates with Microtechniques, 2-361, and is offered on odd-numbered years. 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 vertebrate evolution including that for man. Prerequisite: one year of college biology or equivalent. Genetics recommended. Alternates with Parasitology. Spring semester. odd numbered years.

**410 Food Microbiology** (4 credits). A course designed for environmental health majors to introduce those microorganisms associated with raw, processed, and fermented foods. Topics related to food preservation, processing, spoilage, and foodborne infections or intoxications are presented. Two lectures and two three-hour laboratory periods per week. Prerequisite: Advanced General Biology. Autumn semester, even numbered years.

**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 experiences in examination of host animals, detection and identification of major locally occurring parasitic groups. Two lectures and one three-hour laboratory per week. Offered alternate years with Organic Evolution. Prerequisite: Advanced General Biology or consent of instructor. Spring semester, even numbered years.

**423 Bioecology** (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 environment. Minor emphasis on the biological interrelationships between organisms and their effect on the mode of life and environment.
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 Bioecology 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 Bioecology. 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 2-hour laboratory periods per week or equivalent field trips. Prerequisite: First Semester Advanced General Biology or consent of instructor. Spring semester.

**Upper Division**

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 2-hour labs. Prerequisite: Advanced General Biology or consent of instructor. Spring semester.

311 Plant Morphology (4 credits). The student will become familiar with the developmental, physiological anatomy, reproductive cycle and economic importance of the various plant taxa. Phylogeny and paleobotany will be introduced. Three one-hour lectures, two two-hour labs per week. Prerequisites: Advanced General Biology. Organic Chemistry recommended. 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 growth. This study would also include discussion of life cycles emphasizing how this 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. Two lectures and two three-hour laboratory periods per week. Prerequisite: Advanced General Botany, recommended. Spring semester.

401 Plant Physiology (4 credits). Plant physiology will emphasize the physical and chemical processes of plant body functions. It includes a study of cells, tissues and organ functions, the mineral requirements of the plant, its metabolism, water uptake, photosynthesis, compounds synthesized by plants and a brief discussion of soil chemistry. Three lectures, one three-hour lab per week. Prerequisite: Advanced General Botany and either Comparative Anatomy or Vertebrate Embryology. Fall semester.

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

406 Entomology (4 credits). A study of the biology of insects with emphasis on their life cycles, morphology, classification, identification, control. The course includes exercises in collecting and identification of local species. Two lectures and two three-hour laboratory periods per week. Prerequisite: Advanced General Biology or consent of instructor. Fall semester.

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

FS FORESTRY

**Lower Division**

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

**Upper Division**

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

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

307 Invertebrate Zoology (4 credits). Morphology, phylogeny and natural history of the marine invertebrate animals and terrestrial arthropods exclusive of the insects. Two lectures and two three-hour laboratories per week. Prerequisite: Advanced General Biology or consent of the instructor. Spring semester.

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

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

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

361 Microtechnique (3 credits). A study of the theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and whole mounts, and histochromatic techniques. One hour lecture and two 3-hour laboratory periods. Prerequisite: Advanced General Biology or consent of instructor. Alternates with Cytology, B-365, and is offered on even numbered years. Fall semester.

400 Vertebrate Histology (4 credits). A course dealing with the microscopic anatomy of cells, tissues, and organ systems of vertebrates with major emphasis on mammalian systems. Two one-hour lectures and two 3-hour laboratories. Prerequisites: Advanced General Biology and either Comparative Anatomy or Vertebrate Embryology are recommended. Fall semester.

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

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

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

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

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:
1. General University and Baccalaureate Degree Requirements. See pages 16-18.
2. Major requirements:

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B. Mathematics
Completion of Mathematics through Calculus M-206.

C. Physics
CREDITS
11

II. Secondary Education Option:
1. General College and Baccalaureate Degree Requirements. See pages 16-18.
2. Major Requirements:

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I. Liberal Arts Option:
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C. Physics
CREDITS
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3. Education Requirements

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COURSES

C. CHEMISTRY

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 as 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 principals 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. Prerequisites: 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. Prerequisites: Chemistry C-102 or C-112. Each semester.

211 Analytical Chemistry (5 credits). Quantitative application of mass and volume relationships and of chemical equilibria to gravimetric and volumetric analysis. Three lectures and two 3-hour laboratory periods per week. Prerequisite: General Chemistry C-112. Fall semester.

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 (4 credits). A study of chemical thermodynamics, reaction kinetics, phase equilibria, electrochemistry, absorption, molecular structure, and quantum theory. Three lectures and one three-hour lab per week. Prerequisite: General Chemistry C-112, General Physics PH-102 or Physics PH-221, and Calculus and Analytic Geometry M-206 or Equivalent. Each semester.

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

401-402 Advanced Inorganic Chemistry (2 credits). The first semester will cover atomic and molecular structure periodic properties, acid-base properties and the chemistry of the elements. The second semester includes chemical bonding, complexes, coordination compounds, nonaqueous solutions and nuclear reactions. Two lectures per week. Prerequisite: two years of college chemistry. Each semester.

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

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

432 Biochemistry Laboratory (1 credit). Identification, isolation, and reaction of biologically important compounds. One 3-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Spring semester.

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

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

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

**DEPARTMENT OF COMMUNICATION**

Chairman and Professor: Dr. Robert R. Boren; Associate Professors: Boylan; Pitman; Warwick; Assistant Professors: Demoux, French, Geppert, Rayborn; Special Lecturers: Canfield, Hanson, Cranner.

**REQUIREMENTS FOR COMMUNICATION MAJOR**

Bachelor of Arts Program

(Suggested Programs)

**INTERPERSONAL COMMUNICATION EMPHASIS**

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Courses for Area of Emphasis

26-29
Total: 40-43

**MASS COMMUNICATION EMPHASIS**

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

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

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

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

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

Total: 40-43
NOTE: A student with a single teaching field must complete at least 45 credits.

SCHOOL OF ART & SCIENCES
Communication

SECONDARY EDUCATION EMPHASIS:
1. General College Requirements 14
2. Departmental Core Requirements
3. Education requirements. (Select Section VI - Secondary Education)
4. Suggested Courses, as follows:
   A. CM-241 Oral Interpretation 3
   B. CM-112 Reasoned Discourse 3
   CM-113 Competitive Speech 3
   CM-121 Voice and Diction 3
   CM-131 Listening 3
   CM-231 Message Composition and Delivery 3
   CM-312 Applied Speech Communication 3
   CM-451 Communication Practicum 9
   C. CM-251 Communication in the Small Group 3
   CM-307 Interviewing 3
   CM-431 Small Group Process 2 or 3
   D. CM-321 Rhetorical Theories 3
   CM-331 Message Analysis and Criticism 3
   CM-332 Contemporary Public Communication 3
   E. CM-171 Mass Communication: Concepts and Perspectives 3
   CM-271 Journalistic Communication: Theory and Practice 3
   CM-341 NonVerbal Communication 3
   CM-351 Intercultural Communication 3
   CM-412 Persuasion 6
   Total 40-41

COMBINED MAJOR: COMMUNICATION - ENGLISH

A. With Journalism emphasis: Department requirements

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

Total 27 hrs.

ENGLISH
Literature Survey 6
Composition above the basic sequence 6
Introduction to Language Study, LI 305 3
Literature electives* (UD) 12
(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

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

B. With Communication emphasis. Departmental requirements

COMMUNICATION
Fundamentals of Speech Communication, CM 111 3
Methods of Inquiry, CM 201 3
Communication Process, CM 221 3
Communication, CM 351 3
Organizational Communication, CM 361 3
Theories of Communication, CM 421 3

Electives 9

Total 27 hrs.

ENGLISH
Literature Survey 6
Humanities HU 207 or 208 3
Advanced Writing & Linguistics 9

Total Hrs.: 18 hrs.

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

ADDITIONALLY, IF THE STUDENT WANTS MORE THAN 15 HOURS IN HUMANITIES, THE FOLLOWING CONSIDERATIONS APPLY:

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

COURSES

CM COMMUNICATION

LOWER DIVISION

102 Professional Speech Communication (2 credits). 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.


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

113 Competitive Speaking (3 credits). A course for preparation and practice in interscholastic or intercollegiate debate; for example: expository, persuasive, oratorical, interpretive, and extemporaneous speaking. Either semester.

114 Intercollegiate Debate (1 credit): Preparation for participation in competitive debate using the current intercollegiate debate topic. Prerequisite: CM-112 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.


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


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

221 Communication Process (3 credits). An examination of the nature of human communication. Focuses through experiential learning, on awareness of self communicative relationships and context.

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

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

251 Communication in the Small Group (3 credits). A study of human interaction in small groups. Emphasis on actual experience in working in small groups. Includes concepts in planning, preparing, and participating in group discussion and decision making.
271, 272 Journalistic Communication: Theory and Practice (3 credits). An
experiential based study of journalistic theory and practice. Emphasis is placed on
the production of mass media content, through circuit radio and television
productions and laboratory publications. Not to be taken concurrently with
Communication 171-172 CM 271- Fall semester CM 272- Spring semester.

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

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

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

Upper Division

307 Interviewing (2 credits). An examination of the theory upon which
which interviewing is based. Practical experience in various

308 Speech Communication for Teachers (3 credits). A course to improve
prospective teachers' command of the communication processes used in effective
speech. Emphasis will be placed on accuracy, conciseness and clarity in writing.
An examination of theories concerning the

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

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

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

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

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

351 Intercultural Communication. An analysis of cultural and societal influences on
interpersonal communication. A critical examination of communication within and
among subcultures as well as across cultural boundaries.

361 Organizational Communication (3 credits). The application of Communication
theory and methodology to the study of Communication within the
organizational structure. Theories and problems of human Communication within and between
organizations. Fall semester.

371 Copywriting and Editing (3 credits). Techniques of reading newspaper copy;
the use of proper copywriting symbols; laboratory work in editing and rewritting
scripts. Prerequisite: CM 273 or 274. Fall semester.

372 Journalistic Communication Practicum (1.4 credits). Designed for students
who seek professional experience and professional careers. The course offers
students training with professionals in the community. Prerequisite: Consent of the
instructor. May be repeated for a total of 4 hours. Each semester.

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

376 Yearbook Techniques (1 credit). Techniques of layout planning, picture sizing,
and writing copy for yearbooks. Recommended for members of the yearbook staff.

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

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

421 Theory of Communication (3 credits). A critical evaluation of theories in the
field of Communication. An examination of the interrelationships of definitions,
models and theory. Analysis of related theories of communication: e.g.,
Amberson, social, mass media, social-psychology. Fall semester.

431 Small Group Process (3 credits). An advanced study of specific variables and
theories affecting the communicative interaction of small groups. Focus upon small
group behavior in terms of variables that affect group process: structure, interaction,
transaction, roles, norms, and cohesiveness. Fall semester.

451 Communication Practicum (1-4 credits). Directed study emphasizing the
practical application of skills and theory relevant to human communication. An
opportunity to focus on areas of special interest to the student. Prerequisite: Senior
standing. May be repeated for a total of 4 credits.

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

478 Public Relations (3 credits). Analysis of public relations media and methods.
Public relations as a management tool: identifying and reaching the various publics.
Practice in writing public releases. Spring semester.

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

DEPARTMENT OF ENGLISH

Chairman and Professor: Dr. Charles G. Davis. Professors: Chatterton, Wright,
Associate Professors: Boyer, Peck, Wallace, E. Willis, Assistant Professors: Ackley,
Burnmaster, Cocotas', Evett, Hadden, Hansen, Ingram', Leary, Maguire', Mc-
Guire', Mulvey, Nickerson, Renton, Selander, Townsend'. Trusty, Warner, Wills,

REQUIREMENTS OF ENGLISH MAJORS

Bachelor of Arts Degree

I. Completion of general university requirements for Bachelor of Arts. See Pages 16-18.

II. English major requirements

A. Required courses for all majors

1. Survey of British Literature . 240 260 6
2. History of Literary Criticism 343 3
3. Shakespeare 345 3
4. Pre-1800 British Literature 6
5. Post-1800 British or American Literature . 6
6. Introduction to Language Studies 11-363 3
7. Senior Seminar . 2

B. Required courses in English Options

a. Liberal Arts Option:

1. Competence in a Foreign Language Equivalent to that gained by 2 years of college instruction.
2. History of the English Language . 3
3. English Electives, of which 3 must be American Literature credits. (The American Literature may
be lower division) . 18

b. Secondary Education Option:

1. Applied English Linguistics . 3
2. Oral Interpretation . 3
3. Teaching English Composition . 3
4. English Electives, of which 3 must be American Literature credits. (The American Literature
may be lower division) . 12
5. Professional courses required by the department and which count toward certification.
6. Methods of Teaching Secondary School English . 9-11

Grand Total

1. Liberal Arts Option — General university requirements, plus 44 hours in major subject, plus equivalent of 2 years
of a foreign language.
2. Secondary Education Option — General university requirements plus 25 hours in major subject, plus
professional courses in certification. (See Part V for required Professional Education courses.)
SCHOOL OF ART & SCIENCES

English

Suggested Teaching Minor in English

Students who desire a teaching minor in English need not plan to become certified, but in order to offer a student the best preparation and job qualification, the Department of English recommends the following program which it thinks constitutes a solid minor in English. An advisor in English will assist a student wishing to follow such a minor or portion of it, if the student prefers.

Advanced Composition

Linguistics

E-301 or E-381

Survey of American Literature

Lower Division Literature

Upper Division Literature


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

COURSES

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 placement tests. See requirements below for Remedial and Advanced Placement in English composition.

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

Lower Division

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

101 English Composition (3 credits). Basic skills in writing, including use of supportive materials, references, basic instruction of organization, and standard usage. Prerequisite: ACT score 20 or S in Developmental Writing. Each semester.

102 English Composition (3 credits). Advanced practice in expository writing, including analysis and interpretation of imaginative literature. Study of the relationship between literature and human experience. Prerequisite: E-101 or consent of Department Chairman. Each semester.

111, 112 Honors Composition (3 credits). Designed to provide the superior student an opportunity to take a challenging course that emphasizes individual study and original writing. An introduction to critical writing and the study of ideas through literature. Honors 111 concentrates on lyric, poetry, essays, and short fiction.; 112, on epic, drama, and the novel. Normally students must have an ACT of 80 or above 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 Composition. Prerequisites: Admission to college recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

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

122 Composition and Reading for Foreign Students (3 credits). Practice in college level reading and composition: development of special vocabulary skills related to students' individual needs: advanced English sentence structure. For Foreign Students with TOEFL of 551-575. Prerequisites: Admission to college, recommendation of Foreign Students Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

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

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

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

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

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

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

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

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

219 North American Indian 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 dependence of, and style of oral narratives and the functions which these narratives serve in preliterate societies receive particular emphasis. Prerequisite: E-102 Fall semester.

230 Western World Literature (3 credits). Homer through Dante. Prerequisite: E-102. Each semester.

235 Western World Literature (3 credits). Renaissance to Present. Prerequisite: E-102. Spring semester.

240 Survey of British Literature to 1790 (3 credits). Prerequisite: E-102. Fall semester.

260 Survey of British Literature 1790 to Present (3 credits). Prerequisite: E-102. Spring semester.


Upper Division

301 Teaching English Composition (3 credits). Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, and integration of composition into all the other aspects of the total English program. Limited to teachers, students with a secondary option and a major or minor in English, or consent of the department. Prerequisite: Upper Division standing. The course is designed to assist in the preparation of a professional teacher of English for the secondary school level. Prerequisite: E-102 or consent of the Department Chairman. Each semester.

302 Non-British Western World Drama (3 credits). A survey of major European dramatists from Aeschylus to Anouilh, with special emphasis on the comparison and contrast of the Greek, Renaissance, and modern periods. Also included is material on the development of European drama, the use and misuse of dramatic devices, the adaptation of various forms of drama to the periods studied. Prerequisite: Junior standing and E-102 or consent of the Department Chairman. Each semester.

336 Nineteenth-Century Continental Literature (3 credits). A study (in translation) of major European writers of the Nineteenth Century. Specific reading selections vary each semester, but within a chronological approach stressing the relationship of the literature to the socio-economic and political conditions of the times. Included are works by Goethe, Stendahl, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoy. Prerequisite: Junior standing and E-102 or consent of Department Chairman. Fall semester, alternate years. To be offered 1976-77.

338 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. Included in the course are works by Mann, Mann, Lagerkvist, Kafka, Hesse, Grass and Polansky which examine mythological, existential, religious, and political themes in relation to contemporary human values. Prerequisites: Upper Division standing and E-102 or 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 1975-76.

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’s Tristan, American Romance Tales of Robin Hood, The Nibelungenlied, and The Cid. Prerequisites: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1975-76.
345 Shakespeare: Tragedies and Histories (3 credits). A study of representative Shakespearean Tragedies and Histories. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

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

347 Spenser (3 credits). Prerequisite: Three units lower division literature or consent of Department Chairman. A study of Faerie Queene and minor works. Either semester. alternate years. To be offered 1975-76.

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

349Elizabethan and Jacobean Drama (3 credits). A study of Elizabethan and Jacobean comedies and tragedies, which include representative works of such playwrights as Kyd, Marlowe, Jonson, Thomas Heywood and Fletcher, Dekker, Greene, Thomas Middleton, Chapman,Massinger, Webster, and Ford. Three units lower division literature or consent of Department Chairman. Spring semester. alternate years. To be offered 1975-76.

350 Earlier Seventeenth Century Non-Dramatic Literature (3 credits). A study of poetry and prose written by English authors such as Donne, Jonson, Bacon, Burton, Marvell, who flourished during the first sixty years of the 17th century. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester. To be offered 1977-78.

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 intellectual, religious and historical milieu of Milton's age. Prerequisite: Three units lower division literature or consent of Department Chairman. Alternate years. Fall semester. To be offered 1976-77.

355 Dryden Pope and Their British Contemporaries (3 credits). An in depth study of two of the masters of "neoclassic" poetry and other literary trends. The course will also provide an introduction to Restoration drama. The periodic essay, modern prose fiction and the various forms of satire popular in England between 1660 and 1740. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester. alternate years. To be offered 1976-77.

357 Swift, Johnson and Their British Contemporaries (3 credits). A study of the satirical and critical philosophy of two of Britain's best known writers. A look also at the various currents which cross a period in which the "Enlightenment" gave way to modern outlooks. The authors read usually includeFielding, Sterne, Grey, Gibbon, Burke, and Blake. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester. alternate years. To be offered 1976-77.

359 British Novel: Beginnings through Scott (3 credits). An investigation of the development of the novel, tracing its origins and exploring the works ofDefoe and Jonson, Richardson, Smollett and Sterne through the emergence of the sophisticated novels of Jane Austen and the historical romances of Scott. The emergence of the "great game" of literature helps us to understand how fiction reflects our assumptions about the world around us. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

360 British Romantic Poetry (3 credits). A study of representative poems and supplementary materials by the Romantics Wordsworth, Coleridge, Shelley, Keats, Byron, and selected contemporaries, including Blake and Harell. Prerequisite: Three units lower division literature or consent of Department Chairman. Springsemester.

365 Victorian Poetry (3 credits). A study of representative works from the writings of Tennyson, Browning, Arnold, and their contemporaries, up to and including Thomas Hardy. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester. alternate years. To be offered 1976-77.

366 Victorian Prose (3 credits). A study of the intellectual and spiritual crises of mid-19th century Britain, as represented in the non-fiction prose of such writer's as Carlyle Arnold, J.S. Mill, Ruskin, Newman, and Ruskin. Prerequisite: Three units of lower division literature or consent of Department Chairman. Spring semester. alternate years. To be offered 1976-77.

369 British Novel: Austen through Hardy (3 credits). An investigation of the development of the English novel from the beginning of the Victorian era to the death of Hardy in 1928, with particular attention to the relationships between the novel and Victorian attitudes up the emergence of the twentieth-century British novel. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester.

377 American Renaissance (3 credits). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, among others, were writing the varied impulses of Puritanism, romanticism and Idealism, created the first universal vision of human experience to appear in American literature. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester.

378 American Realism (3 credits). A study of American literature written during the period from the Civil War to World War I. Mark Twain, W. D. Howells, Henry James, Kate Chopin, Theodore Dreiser, and contemporaries refined their literary techniques to accommodate their basic belief that literature should "speak to the free person in the light of common day." Such related theories and ideas as Social Darwinism, psychology, socialism, impressionism, and Howells's "naturalism" were received in lectures and discussions of novels. Prerequisite: Three units of lower division literature or consent of Department Chairman. Either semester.

380 Methods of Teaching Secondary School English (3 credits). Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: Introduction to Language Studies 11305. Fall semester.

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

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

389 Twentieth-Century Anglo-American Drama (3 credits). A study of plays that reflect the attitudes and ideas used by the British and American writers who have created the various forms of "modern" drama. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

390 Folklore (3 credits). Study of what folklore is, its written and oral traditions, its different genes. Prerequisite: E102 and junior standing or consent of Department Chairman. Either semester.

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

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

488G Methods and Theories of Literary Criticism (3 credits). Prerequisite: E393 and Junior standing or consent of Department Chairman. A detailed study and application of major critical methods and theories. Spring semester.

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

HU HUMANITIES

207, 208 Introduction to Humanities (3 credits). Definitions and redefinitions of culture: man's pursuit of meaning in literature, art, music, and drama. The origins, limits, and uses of the creative arts. The exploration of self, society, and the world through the arts. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

305 Introduction to Language Studies (3 credits). A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory. Prerequisite: English 102 or consent of Department Chairman. Fall semester.

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

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

405 Modern English Structure (3 credits). An approach to modern English based on transformational emphasis, but including a survey of traditional structural, and newly developing theories of grammar. Prerequisite: LI-305, or consent of Department Chairman. Either semester. alternate years.

Department of Foreign Languages

Chairman and Associate Professor: Dr. George A. Jobums, Associate Professor: Robertson, Valverde, Assistant Professor Schoonover, Instructor: Herbert Emeriti: Power, deNeufville

REQUIREMENT FOR A FOREIGN LANGUAGE TEACHING MINOR

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

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 SU Fall or 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). Phonetic 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.

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

F FRENCH

Lower Division

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

103 Approaches to French Conversation and Composition (2 credits). A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college French are not eligible. Not offered in 1975-76.

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

Upper Division

301-302 Survey of French Literature (3 credits). An introduction to the major writers and trends of the French literary tradition. Selections and complete works of poetry, fiction, theatre, and essay are studied. Prerequisite: 102 or concurrent registration. Students with more than one year of college French are not eligible. Not offered in 1975-76.

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 or foreign travel. Class conducted entirely in French. Prerequisite: 201-202 or demonstrated proficiency. Offered in alternate academic years, Offered in 1975-76.

305 French Culture and Civilization (3 credits). Coverage of French civilization from pre-historic times through the 18th century. Special attention paid to contributions of France, Austria, and Switzerland to western civilization. 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. Offered in 1975-76.

R RUSSIAN

Lower Division

101-102 Elementary Russian (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. 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 Russian 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 Russian Conversation and Composition (2 credits). A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college Russian are not eligible. Not offered in 1975-76.

201-202 Intermediate Russian (4 credits). A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in Russian. 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 Russian 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. Offered in 1975-76.

303-304 Russian Composition and Conversation (3 credits). Intended to further stimulate clarity, simplicity, and precision in oral and written Russian; and to lay the foundation for literary studies and or foreign travel. Class conducted entirely in Russian. 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.

305 Russian Culture and Civilization (3 credits). Coverage of Russian civilization from earliest Iberian beginnings to contemporary Spain. 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. Offered in 1975-76.

S SPANISH

Lower Division

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

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. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college Spanish are not eligible. Not offered in 1975-76.

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

Upper Division

301-302 Survey of Spanish Literature (3 credits). 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. Offered in 1975-76.

303-304 Spanish Composition and Conversation (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. 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.


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 Hispanic-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 entirely in Spanish. Prerequisite: 2 years college Spanish or equivalent as determined by placement exam. Spring semester. Offered in alternate academic years. Offered in 1976-77.
DEPARTMENT OF GEOLOGY

Chairman and Professor: Dr. Kenneth M. Hollenbaugh; Professor: Warner, Assoc.
iate Professor: Nichols, Spinosa, Wilson, Assistant Professor: Applegate, Instructor: Delisio, Special Lecturer: Mead, Monk, Research Associate: Donaldson, Guillemette

The Department of Geology provides two degree programs in geology and non-degree course offerings in geography that 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 Bachelor of Science degree in Geology is designed for those students who plan a career in applied geology or who plan to attend graduate school. The more generalized curriculum leading to the Bachelor of Science degree in Earth Science Education is designed to prepare the student to teach earth science in secondary school and to meet the teacher certification requirements of the state of Idaho.

In addition to the courses formally offered in both curricula, a student may receive credit for courses given under the heading of Special Topics or for Independent Study as explained on page 22. Any one of the following Special Topics may be offered either semester in response to sufficient student demand: biostratigraphy, geochemistry, glacial and Pleistocene geology, mining geology and regional geology.

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

REQUIREMENTS FOR GEOLOGY MAJOR

Bachelor of Science

I. Geology Major:

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

2. Major Requirements

   A. Geology
      - Physical Geology
      - Historical Geology
      - Mineralogy
      - Petrology
      - Sedimentology
      - Stratigraphy
      - Structural Geology
      - Invertebrate Paleontology
      - Field Geology
      - Geology Seminar
      - Geology electives to total 45 credits

   B. Introduction to Chemistry

   C. General Physics

   D. Mathematics through M-112

   E. Technical Drawing unless waiver is obtained from department chairman

   F. Recommended electives

         Life Science
         Foreign Language
         Mathematics
         Geography
         Business
         Economics

   CREDITS

   45

II. Earth Science Education Major:

1. General College and Baccalaureate Degree Requirements. See pages 16-18 for Graduation Requirements.

2. Major Requirements

   A. Geology
      - Physical Geology
      - Historical Geology
      - Introduction to Ocean Geology
      - Meteorology
      - Geology Seminar
      - Geomorphology
      - Geology Electives to total 30 credits

   B. Introduction to Chemistry

   C. General Physics or General Biology

   D. Mathematics through M 112

   E. Astronomy

   F. Recommended Electives

         Geography
         Foreign Language
         Mathematics
         Communications
         Life Science

   CREDITS

   30

3. Education Requirements

   The following are required for Secondary Teaching Certification in Idaho:

         Foundations of Education
         Educational Psychology
         Secondary School Methods
         Secondary Student Teaching
         Education Electives

   CREDITS

   20
SCHOOL OF ART & SCIENCES

Geology

EARTH SCIENCE EDUCATION 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

SOPHOMORE YEAR:

1ST SEM. 2ND SEM.

Foundations of Education — 3
Geography 3 3
General Physics or General Biology 4 4
Intro. to Ocean Geology — 3
Meteorology 3 —
General Psychology — 3
Degree Requirements 6 —
Astronomy — 4

16 17

JUNIOR YEAR:

1ST SEM. 2ND SEM.

Upper Division Geology 4 4
Degree Requirements 3 6
Upper Division Electives 7 6

17 16

SENIOR YEAR:

1ST SEM. 2ND SEM.

Educational Psychology — 3
Upper Division Geology 6 —
Geography — 1
Secondary School Methods — 1
Student Teaching — 6
Education Electives 3 3
Upper Division Electives 6 —
Audio Visual Aids — 2

16 14

COURSES

GO GEOLOGY

LOWER DIVISION

101 Physical Geology (4 credits). A study of the origin and development of the earth's materials, land forms, internal structures, and the physical processes acting on the earth that produce continuous change. Topics include weathering, erosion, glaciation, volcanism, metamorphism and igneous activity, mountain building, and the physical processes acting on the earth's surface such as mountains, valleys, beaches, and rivers and the processes by which they are formed and changed. Laboratory work consists of map studies and field investigations. Three one-hour lectures and one three-hour laboratory per week. Prerequisites: Physical Geology. Fall semester.

102 Petrology and Structural Geology (4 credits). A study of the classification of sedimentary rocks and all processes involved in their genesis. Major headings are rocks, minerals, maps, the origin of the earth, and the development of the earth and its immediate surroundings. Emphasis is placed on structural. Special emphasis is placed on historical and quantitative mineral examination. Laboratory work based on standard text and diagnostic techniques. Laboratory work consists of map studies and field investigations. Three one-hour lectures and one three-hour laboratory per week. Prerequisites: Historical Geology and College Algebra and Trig. Fall semester.

103 Historical Geology (4 credits). An introduction to the principles of physical and historical geology. Topics include: weathering, erosion, glaciation, volcanism, earthquakes, the study of rocks, minerals, maps, the origin of the earth and its immediate surroundings. Emphasis is placed on structural. Special emphasis is placed on historical and quantitative mineral examination. Laboratory work based on standard text and diagnostic techniques. Laboratory work consists of map studies and field investigations. Three one-hour lectures and one three-hour laboratory per week. Prerequisites: Physical Geology. Fall semester.

105 Rocks and Minerals (3 credits). A systematic study of rocks and minerals, with emphasis on physical characteristics and methods of identification. Field trips and laboratory session are a part of the course for those taking the class for credit. Prerequisite: High school chemistry or permission of the instructor. Either semester.

111 Geology of Idaho and the Pacific Northwest (3 credits). A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and scenic features, structural and stratigraphic features, mineral deposits, fossil and gem areas, and current problems in natural resource products. One three-hour lecture per week and two field trips. Prerequisites: Physical and Historical Geology or consent of instructor. Spring semester, alternate years. Offered 1974, not offered 1975.

201. Introduction to Ocean Geology (3 credits). A general study of the physiology, the structures, and the sediments of the ocean floors and the geologic processes and environments represented thereby. Methods and instruments of ocean floor investigation are also studied. Two one-hour lectures per week. Prerequisite: Historical Geology. Spring semester.

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

221 Mineralogy (4 credits). A study of genesis, distribution and classification of minerals. This includes some crystallographic, optical, and chemical methods. Laboratory work consists of mineral analysis and observation by the use of microscopes, chemicals, and models. Three one-hour lectures and one three-hour laboratory per week. Prerequisites: Historical Geology and College Chemistry or concurrent registration in College Chemistry. Fall semester.

222 Petrology (4 credits). Study of igneous, sedimentary, and metamorphic rocks, with emphasis on their work and distribution. Laboratory work consists of microscopic, chemical and other analyses of sedimentary rocks and of a study of the methods and instruments used in statistical treatment of sediments for mapping and research purposes. Three one-hour lectures and one three-hour laboratory per week. Prerequisites: Mineralogy. Fall semester.

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

UPPER DIVISION

311 Sedimentology (4 credits). A study of the classification of sedimentary rocks and all processes involved in their genesis. Major headings are rocks, minerals, maps, the origin of the earth, and the development of the earth and its immediate surroundings. Emphasis is placed on structural. Special emphasis is placed on historical and quantitative mineral examination. Laboratory work based on standard text and diagnostic techniques. Laboratory work consists of map studies and field investigations. Three one-hour lectures, field trip and special projects and a report required. Prerequisites: Sedimentology. Spring semester.

312 Stratigraphy (3 credits). The study of sedimentary strata with chronology as its special aim. Emphasis is placed on genetic environments, natural sequences of facies and field correlation. The recognition and mapping of sedimentary units is the end result. Three one-hour lectures, field trip and special projects and a report required. Prerequisites: Historical Geology. Fall semester.

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

321 Optical Mineralogy (4 credits). The theory and application of the polarizing microscope. The interpretation of the origin and history of igneous, metamorphic, and sedimentary rocks based primarily on features observed in the section. A systematic survey of the major rock types with emphasis on textures, mineralogy, and classification. Prerequisite: GO 222. Spring semester.

351 Invertebrate Paleontology (4 credits). The study of the invertebrates presented in the fossil record. Special emphasis is placed on hard-part morphology, ontogeny, phylogeny and taxonomy of the geologically more important groups. Laboratory work based on standard text, and classic and modern techniques. Field trips. Three hours of lectures, four hours of labs. Prerequisites: Historical Geology or Advanced General Biology. Fall semester.

403 Engineering Geology (3 credits). Application of geology to engineering projects. Aspects of geology include selected principles from structural and sedimentary geology, geologic mapping, and soil mechanics. These principles are applied to construction and maintenance of transportation routes, dams, canals, bridges, buildings, foundations and tunnels. Case histories are studied. Two lectures and one three-hour laboratory per week. Field trip required. Prerequisite: Structural geology and stratigraphy or permission of instructor. Spring semester.

412 Groundwater Geology (3 credits). A study of the origin of water found beneath the earth's surface and the geologic conditions which permit the movement, work, and accumulation of water in natural and artificial aquifers. Emphasis is placed on structural and stratigraphic conditions most conducive to the formation of ground water reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratigraphy. Fall semester.
421 Ore Deposits (3 credits). The genesis, structure, mineral associations and classification of economic deposits of minerals. Discussion of modern theories of ore deposits, design and migration of ore-bearing fluids, and the processes of alteration, secondary enrichment, paragenesis, and zoning. Consideration is given to the controls on ore occurrence and to the economics of exploration, development, and use of ores. Three lectures per week. Field trip required. Prerequisite: 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. Offered 1975.

441 Introduction to Geophysical Methods (3 credits). The course will include material on the surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to the solution of geologic problems in exploration geology (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, geographic maps, road logs, and a field trip guide book pertaining to a variety of geographic 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; vacation period. Rocks, minerals, and fossils collected during the trip and photographs of specific localities are keyed to the guidebook, which is then compiled in integrated report form. One lecture per week; field trip required. Prerequisite: upper division standing or consent of the instructor. Spring semester.

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

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

NOTE: Graduate level course description for Geology and General Science may be found on page 68.

GG GEOGRAPHY

Lower Division

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

102 Cultural Geography (3 credits). Cultural Geography is a study of the distribution and character of man's cultural activities throughout the world. These activities will be viewed from 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 of 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 and history, geography 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 the United States is studied. 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 or consent of instructor.

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

Upper Division

301 Historical Geography (3 credits). Historical Geography is the study of the past geography of various places or regions. The course graphically reveals the constant theme of change inherent in both history and geography. Students will explore the dynamics of geographic change, the historical geography of particular regions of the earth, and the effects of past geographical circumstances on present geography. The course uses both geographical and historical resources, including those written by professional historical geographers. Prerequisite: GG-102 or consent of instructor.

311 World Economic Geology (3 credits). Economic Geology is the study of the areal distribution and variation of resources and man's activity related to producing, exchanging and consuming commodities and products. Economic activities and materials are studied in the context in which they are located, what their characteristics are, and to what national and international phenomena they are related. Prerequisite: GG-101 or consent of instructor.

321 Conservation of Natural Resources (3 credits). Resource conservation is a course aimed at developing the student's awareness of resource use and conservation. The course has five major thrusts: 1) a perspective on conservation; 2) character of land resources; 3) character of water resources; 4) mineral resources; 5) the demands of population on the resource base. These topics may be viewed as a single entity, or as they act in concert. Prerequisite: GG-101 or consent of instructor.

DEPARTMENT OF HISTORY

Chairman and Professor: Dr. Warren L. Vinz; Professors: Baylor, Lovin, Ouarache, Bonachea, Fletcher, Tozer; Instructor: Zinovskly.

REQUIREMENTS FOR HISTORY MAJOR

Bachelor of Arts Program

I. Liberal Arts Option

A. General university requirements to include:
   1. Federal Government .................................................. 3
   2. A Foreign Language or equivalent (a minimum of) .............. 8

B. History requirements:
   1. Lower Division Courses .............................................. 18
   2. Upper Division Courses (a minimum of) ........................ 18

C. Electives ................................................................. 28-36

II. Secondary Education Option

A. General university requirements to include:
   1. Federal Government .................................................. 3

B. History requirements:
   1. Lower Division Courses .............................................. 18
   2. Upper Division Courses (a minimum of) ........................ 18
   3. History Electives - upper or lower division .................... 4
   4. Electives ............................................................... 3

C. Educational requirements for State Certification for Secondary Education .................................................. 20
   4. Electives ............................................................... 18

III. History - Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary
IV. History Minor 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.

33 Hour Program

A. History Courses

1. HY 151, 152 U.S. History or their HY 297 equivalent 6 hours
2. HY 102, 103, History of Western Civilization or their HY 297 equivalent 6 hours
3. HY 211 Study and methods of Teaching History 3 hours
4. Additional History 18 hours
   a. A minimum of 12 upper division credits of U.S. history, 6 of which must be selected from list (a) below, 3 from list (b) below and 3 from lists (a), (b) or (c) below.
      (a) Chronological histories 6 hours
         HY 351 Colonial America
         HY 352 The Federal Period
         HY 353 The National Era
         HY 354 Civil War & Reconstruction
         *HY 358 Emergence of Modern America
         *HY 359 Recent United States
      (b) Topical histories 3 hours
         HY 336 U.S. Constitutional
         HY 335 U.S. Diplomatic
         HY 417 U.S. Economic
         HY 334 U.S. Social & Cultural
      (c) Any of the above upper division history course or 3 hours
         HY 355 Western America
         HY 356 The Indian in U.S. History
         HY 367 Colonial Spanish America
         HY 358 Spanish American Nations
   b. Additional history elective 6 hours
      (3 hours must be upper division)

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

Economics
Political Science
Anthropology
Sociology
Geography

C. Secondary Education Requirements 20 hours

IV. History Minor Option

1. Completion of the following courses 21
   U.S. History 6
   Federal Government 3
   History of Western Civilization 6
   History or Political Science Electives 3
   Upper Division American History Elective 3

15 Hour History Option

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

A. For an Economics 30-credit core:
   1. HY 151, 152 United States History or HY 251, 252 6 hours
   2. Any three of the following courses 9 hours
      HY 358 Emergence of Modern America
      HY 359 Recent U.S.
      HY 334 U.S. Social & Cultural
      HY 336 U.S. Constitutional
      HY 417 U.S. Economic History or equivalent

B. For a Political Science 30-credit core:
   1. HY 151, 152 United States History or HY 251, 252 6 hours
   2. Any three of the following courses 9 hours
      HY 353 The National Era. 1815-1848
      HY 358 Emergence of Modern America
      HY 359 Recent U.S.
      HY 336 U.S. Constitutional
      HY 335 U.S. Diplomatic
      HY 315, 316 History of the Far East
      HY 311, 312 History of England
      HY 313, 314 History of Russia
      HY 307 Germany and the Quest for Unity
      HY 308 France and the Quest for Stability
      HY 368 Spanish American Nations
      HY 332 The Modern Middle East: Cultures in Conflict
      HY 430, 481, 482, Seminars in U.S., European & Third World, respectively

C. For a Societal and Urban Studies 30-credit core:
   1. HY 151, 152 United States History or HY 251, 252 6 hours
   2. Any three of the following courses 9 hours
      HY 358 Emergence of Modern America
      HY 359 Recent U.S.
      HY 336 U.S. Social & Cultural
      HY 356 Indians in U.S. History
      HY 336 U.S. Constitutional
      HY 417 U.S. Economic History or equivalent

   For any of the above, appropriate special topics or independent study could be considered as acceptable alternatives.

COURSES

HY HISTORY

Lower Division

101, 102, 103 History of Western Civilization (3 credits). First semester: The development of European civilization from classical antecedents to the twelfth century, A.D. Second semester: The development of the early modern European works from the twelfth century to 1815; Third semester: The development and expansion of western civilization worldwide since 1815. Each semester.

*151, 152 United States History (3 credits). First semester: The history of American civilization from Pre-Columbian days to 1877 with emphasis given to the development of the union and expansion. Second semester: A survey of the significant factors influencing American development from the Civil War to the present, including the growth of American business, and the emergence of the nation to a world power. Each semester.

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

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

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

205 Lewis and Clark (2 credits). A survey of the "Corps of Discovery" from Wood River, Illinois, to the ocean and return, with study of the medical, scientific, anthropological and other aspects of the expedition. Alternate years, spring semester.
Introduction to the Study of History (3 credits). An introduction to the study of History for liberal arts and social science majors exploring the past. Attention will be given to the practical problems of historical research and writing, including the applications of various methodological approaches to the analysis of data. Required of all history majors. Suggested arts option, prior to taking any upper division history courses. Either semester.

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

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.

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

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

American Heritage (2 credits). An introductory course to an Eastern seaboard trip, providing a survey of the history of the area from early colonial times to the beginning of the 20th century. The problem will be traced through the establishment of the Fifth Republic by Charles de Gaulle. Alternate years.


Germany and the Quest for Unity, 1848-1970 (3 credits). The struggle for German unity in modern times, and the relation of this issue to the origins of the two World Wars. The problem will be traced through the "opening to the East" inspired by Willy Brandt. HY 102 recommended. Either semester, alternate years.

France and the Quest for Stability, 1814-1968 (3 credits). The failure of Frenchmen in the 19th and 20th centuries to achieve political and social equilibrium. The problem will be traced through the establishment of the Fifth Republic by Charles de Gaulle. Alternate years.

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.

The Reformation (3 credits). Survey of Church-State relationships to include the Babylonian Captivity, the Great Schism, the impact of the national state, and the theological and political philosophies of reformers from Wycliffe to the Council of Trent. Consideration will be given to the world wide impact of Protestantism and Catholic Reformation, and dissident minority sects. Prerequisite: HY 102 or consent of instructor. Spring semester, alternate years.

History of England (3 credits). First semester: Survey of the major cultural, political, and religious developments in England from the fall of the Roman Empire to the Middle Ages. Second semester: The development of the English nation and culture from the Middle Ages to the 17th century. Required of the 102. Recommended. Either semester, alternate years.

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.

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.

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

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.

Islamic Civilization (3 credits). A history of the people, institutions and culture of the Islamic world from Muhammad to the Ottoman Empire, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. Prerequisite: HY 103 recommended. Spring semester, alternate years.

The Modern Middle East: Cultures in Conflict (3 credits). A history of the Near and Middle East from its earliest period to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in their historical context. HY 151, 152 recommended. Either semester, alternate years.

Diplomatic History of the United States (3 credits). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments upon the formulation of foreign policies. HY 151, 152 recommended. Either semester, alternate years.

United States Constitutional History (3 credits). A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitutional Convention, Bill of Rights, and the American Wars. Prerequisite: HY 101 or consent of instructor and upper division history courses.

Irish History (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 Irish state issue. Either semester; offered alternate years.

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.

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 and upper division history courses.

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: Either semester, alternate years.

Western America (3 credits). The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will also be placed on the Trans Mississippi West. HY 151 recommended. Either semester, alternate years.

The Indian in American History (3 credits). Examination of the Indian's role in American's development and the impact of white society on Indian culture. The course will investigate the early Indian-white contacts, the development of European rivalries in North America and the Indian's part in these rivalries, and the origins of United States Indian policy. The reservation system, land policy, termination, and the current Indian dilemma are studied. Opportunity is provided for the pursuit of in-depth individual study. Prerequisite: Upper Division standing or completion of HY-151. Either semester, alternate years.

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.

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. Either semester, alternate years.

Colonial Spanish America (3 credits). The development of distinctive Spanish American societies through the Spanish colonial system and the impact of Latin American and African cultures in South and Middle America, all within the framework of European political rivalries. The course concludes with the independence wars of the early nineteenth century. Prerequisite: HY 102. Fall semester, alternate years.

Spanish American Nations (3 credits). The struggle towards democracy, economic development, and territorial unity of the 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.

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

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. Spring semester, alternate years.

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.

Twentieth Century Revolutions (3 credits). Reading and discussion of materials related to the origin and development of selected socio-cultural, intellectual, political and economic movements in the twentieth century. Particular attention will be given to alternative and counter-cultural practices and liberation issues. Either semester, alternate years.

Seminar in U.S. History (3 credits). Selected period, topic, or problem in U.S. History. Content of current class schedule for specific selection of study to be offered. Seminar may be repeated. Either semester.
The objective of the department of home economics is to provide training of high quality for each of the student categories listed below.

A. Students who expect to obtain a baccalaureate degree with a major in home economics (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:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Laboratory Science</td>
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<td>4</td>
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<tr>
<td>English Composition</td>
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<tr>
<td>Introduction to Home Economics</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
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<tr>
<td>Art</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>textiles</td>
<td>3</td>
<td></td>
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<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Clothing Selection</td>
<td>2</td>
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<tr>
<td><em>Electives</em></td>
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<td>1</td>
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**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
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<tbody>
<tr>
<td>House Planning</td>
<td>3</td>
<td></td>
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<tr>
<td>Introduction to Foods</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Home Furnishings</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Social Science (History, Political Science)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physiology and Anatomy</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td><em>Electives</em></td>
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<td></td>
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<td></td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

**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 (3 credits). Majors and non-majors. Designed for students interested in clothing construction and solution of individual fitting problems. Emphasis on current speed techniques. Basic, intermediate, and advanced projects may be selected according to the student's creativity, ability and choice. Unusual media may be used such as leather. Total of five projects with approximate cost of $45.00. One hour lecture and two 2-hour laboratory periods per week. Fall semester.

107 Clothing Selection (2 credits). A study of the sociological and psychological foundations of clothing selection emphasizing principles of design as related to the individual's figure proportions, personality and need. Study of selection, purchase and care of ready-to-wear apparel, fabrics and accessories. Two lectures per week. Spring semester.

109 Textiles (3 credits). Relationship of raw materials, construction, and finish to quality and cost. Study of natural and synthetic textile fibers, yarns and fabrics, selection of appropriate fabrics for various uses, considering wearing qualities and care required. Two hours lecture and one 2-hour laboratory each week. Open to men and women. Spring semester.

111 Fashion Analysis and Design (2 credits). Recognition of fashion trends, basic silhouettes, lines, styles and details of garment construction. Creative expression in fabric interpretation and adaptation of costumes and accessories from period research and other sources. Two lectures each week. Open to men and women.

201 Introduction to Foods (4 credits). Basic principles of food preparation: consideration of factors which will affect quality, nutritive value and acceptability of foods. Laboratory experience in approved techniques of food preparation to yield products of standard quality. Two hours lecture and two 3-hour laboratory periods per week. Spring semester. Open to men and women.

203 House Planning (3 credits). Basic considerations in house planning: planning for economy, comfort and beauty in house construction. Evaluation of housing and floor plans in terms of family needs, interior and exterior design, materials, financing, methods of construction. Housing in relation to the family and community. Three lectures each week. Open to men and women. 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.

**Upper Division**

303 Advanced Clothing, Tailoring (3 credits). Basic principles used in garment construction were applied through actual construction of a suit, coat, or pants suit. At least one garment done using wool; other garment could be a choice between knit or woven fabric. Personal master pattern is developed for student for each garment. Common fitting problems are studied and solutions derived. Thorough study of interfacings and tailoring stitches discussed. Current sewing techniques emphasized for present day fabrics. Prerequisite: Clothing H.E. 103. Recommended: Textiles H.E. 105. Two 3-hour laboratories each week. Spring semester.

305 Home Furnishings and Interior Design (3 credits). Color and design, selection and arrangement of furniture and furnishings, floor coverings, wall and window treatment, lighting, interior finishes, accessories, china, glass, and silver, flower arrangement. Three lectures each week. Open to men and women. Fall semester.
DEPARTMENT OF MATHEMATICS

Chairman: Dr. William P. Mech; Associate Chairman: Dr. Robert C. Jupla; Professors: Maloof, Takeda, Associate Professors: Ferguson, Hughes, Juola, Kerr, Lamet, Mech, Sullivan, Tucker, Ward, Winans, Young; Assistant Professors: Anderson, Ball, Furuyama, Smits, Sugiyama.

The Department of Mathematics provides two degree programs. The curriculum leading to the bachelor's degree in mathematics is designed for those students whose career interests concern 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.

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-406 or M-431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

   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.

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-314 Foundations of Geometry (3)
   - 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)

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
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<tr>
<td>Calculus M-112, 206 or M-211, 212</td>
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<tr>
<td>Degree Electives</td>
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<td><strong>Total</strong></td>
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SOPHOMORE YEAR:

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<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Calculus M-206</td>
<td>0-4</td>
</tr>
<tr>
<td>Programming M-124</td>
<td>—</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>—</td>
</tr>
<tr>
<td>Linear Algebra M-301</td>
<td>—</td>
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<tr>
<td>Elective 9-13</td>
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<td><strong>Total</strong></td>
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JUNIOR YEAR:

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<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>Foundations of Analysis M-314</td>
<td>3</td>
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<tr>
<td>Intro. to Abstract Algebra M-302</td>
<td>—</td>
</tr>
<tr>
<td>Fundamentals of Statistics M-361 or Probability Theory M-362</td>
<td>—</td>
</tr>
<tr>
<td>Educational or Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
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<tr>
<td><strong>Total</strong></td>
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SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>Secondary School Methods</td>
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</tr>
<tr>
<td>Foundations of Geometry M-311</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics in Secondary Schools M-490</td>
<td>3</td>
</tr>
<tr>
<td>Secondary Student Teaching</td>
<td>6</td>
</tr>
<tr>
<td>Education Elective</td>
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</tr>
<tr>
<td>Electives</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
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</tbody>
</table>

Note: The equivalent of a Bachelor's degree in mathematics 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.
### Teaching Minor in Mathematics

#### (Suggested Program)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>M-124 or M-112</td>
<td>2</td>
</tr>
<tr>
<td>M-205 or M-212</td>
<td>4-5</td>
</tr>
<tr>
<td>M-302</td>
<td>3</td>
</tr>
<tr>
<td>M-306</td>
<td>3</td>
</tr>
<tr>
<td>One of M-311, M-361, M-362</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

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.

### COURSES

#### M MATHEMATICS

**Lower Division**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>012 Arithmetic Review (0 credits)</td>
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</tr>
<tr>
<td>020 Algebra Review (0 credits)</td>
<td></td>
</tr>
<tr>
<td>100 A Cultural Approach to Mathematics (4 credits)</td>
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</tr>
<tr>
<td>103-104 Modern Mathematics for Elementary Teachers (3 credits)</td>
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</tr>
<tr>
<td>105 Fundamental Concepts of Mathematics (4 credits)</td>
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<tr>
<td>106 Fundamental Concepts of Mathematics (4 credits)</td>
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<tr>
<td>111 Algebra and Trigonometry (5 credits)</td>
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<tr>
<td>112 Calculus and Analytic Geometry (5 credits)</td>
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</tr>
<tr>
<td>115-116 Mathematics for the Life Sciences (5 credits)</td>
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**Upper Division**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>124 (EN-104) Digital Computer Programming (2 credits)</td>
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<tr>
<td>205 Calculus and Analytic Geometry (4 credits)</td>
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</tr>
<tr>
<td>206 Calculus and Analytic Geometry (4 credits)</td>
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</tr>
<tr>
<td>211-212 Accelerated Calculus (5 credits each)</td>
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<tr>
<td>301 Linear Algebra (4 credits)</td>
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<tr>
<td>302 Introduction to Abstract Algebra (3 credits)</td>
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<tr>
<td>311 Foundations of Geometry (3 credits)</td>
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<tr>
<td>312 Combinatorial Geometry (3 credits)</td>
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<tr>
<td>321 Advanced Engineering Mathematics (4 credits)</td>
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<tr>
<td>340 Numerical Analysis (4 credits)</td>
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<tr>
<td>341 Introduction to Topology (3 credits)</td>
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<tr>
<td>361 Fundamentals of Statistics (4 credits)</td>
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<tr>
<td>362 Probability Theory (4 credits)</td>
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<tr>
<td>365 Advanced Calculus (3 credits)</td>
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<tr>
<td>421-422 Applied Mathematics (4 credits)</td>
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<tr>
<td>431-432 Probability and Statistics (3 credits)</td>
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<tr>
<td>441 Abstract Algebra I (3 credits)</td>
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<td>451 Systems Programming (4 credits)</td>
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<td>468 Linear Programming (4 credits)</td>
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**Science or Mathematics Majors**

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<tbody>
<tr>
<td>M-112 or 211</td>
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</tr>
<tr>
<td>M-205 or 212</td>
<td>5-8</td>
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<tr>
<td>M-302 or M-306</td>
<td>3-4</td>
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<tr>
<td>M-306</td>
<td>3</td>
</tr>
<tr>
<td>One of M-311, M-361, M-362</td>
<td>3 or 4</td>
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</tbody>
</table>

**Science or Mathematics Majors to introduce programming principles and logic.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>442 Abstract Algebra II (3 credits)</td>
<td></td>
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<tr>
<td>451 Systems Programming (4 credits)</td>
<td></td>
</tr>
<tr>
<td>468 Linear Programming (4 credits)</td>
<td></td>
</tr>
</tbody>
</table>

**M-112, M-205, M-206. Prerequisite: Any of M-106, M-111, M-116 with grade of A, or strong high school background.**  

**Fall Semesters:**
- M-211 Fall M-212 Spring
- M-225 (EN-225) Applied Fortran Programming (2 credits)
- M-301 Linear Algebra (4 credits)
- M-302 Introduction to Abstract Algebra (3 credits)
- M-311 Foundations of Geometry (3 credits)
- M-312 Combinatorial Geometry (3 credits)
- M-321 Advanced Engineering Mathematics (4 credits)
- M-340 Numerical Analysis (4 credits)
- M-341 Introduction to Topology (3 credits)
- M-361 Fundamentals of Statistics (4 credits)
- M-362 Probability Theory (4 credits)
- M-421-422 Applied Mathematics (4 credits)
- M-431-432 Probability and Statistics (3 credits)
- M-441 Abstract Algebra I (3 credits)
- M-451 Systems Programming (4 credits)
- M-468 Linear Programming (4 credits)

**Additional Notes:**
- Placement will be determined by a test given on the first meeting of M-105 or M-205. Credit cannot be obtained for both M-225 and EN-225. Fall semester.
- M-124 (EN-104) Spring semester.
- M-201 Spring semester, odd numbered years.
- M-202 Spring semester, even numbered years.
- M-206 and a second of the 300 level courses listed above.
- Credit cannot be obtained for both M-225 and EN-225. Fall semester.
- M-301 Linear Algebra (4 credits) Linear algebra, vector spaces and matrices. Prerequisite: M-206 or M212. Each semester.
- M-302 Introduction to Abstract Algebra (3 credits) Sets, Boolean algebra, integral domains, groups, fields, and rings and ideals. Prerequisite: M-205 or 212. Spring semester.
- M-306 Number Theory (3 credits) Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M-205 or 212. Spring semester.
- M-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.
- M-321 Advanced Engineering Mathematics (4 credits) Ordinary differential equations with emphasis on closed form and series solutions; transforms and elementary numerical methods. Prerequisite: M-206 or 212. Spring semester.
- M-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.
- M-341 Introduction to Topology (3 credits) Sets, metric spaces, topological spaces, continuous mappings, connectedness, function spaces. Prerequisite: M-314. Spring semester, even numbered years.
- M-342 Abstract Algebra I (3 credits) Homomorphisms, prime ideals, prime radical, ring of endomorphisms, irreducible rings of endomorphisms, R-modules, Jacobson radical, descending chain condition. Prerequisite: M-301, M-302. Fall semester, even numbered years.
- M-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 M-212. Sequence beginning each Fall.
- M-441 Abstract Algebra I (3 credits) Polynomial rings, simple extensions, algebraic extensions, splitting fields, separable extensions, automorphisms of fields, normal extensions, Galois theory, finite fields, generic polynomials. Prerequisites: M-301, M-302. Spring semester, odd numbered years.
- M-451 Systems Programming (4 credits) Introduction to machine language programming, compiled languages, program optimization, computer logic and design. Prerequisites: M-126 and M-205 or M-212. Fall semester.
- M-468 Linear Programming (4 credits) Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M-301. Spring semester, alternate years.

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

Chairman and Associate Professor: Mr. Wilber D. Elliott; Associate Chairman and Associate Professor: Oakes. Professors: Best. C. G. Bratt, Meyer; Associate Professors: Cleveland, Taylor; Assistant Professors: Baldwin, J. W. Bratt, Hopper, Hsu, Russell, Snelten; Instructor: Thompson; Special Lecturers: Blood (Piano), C. Elliott (Voice), Galvin (Piano), Henry (Brass), W. Hsu (Strings), Ludwig (Piano), Mamerow (Reeds), Novot (Flute), Shink (Bassoon), Simons (Introduction to Music), Stern (Conductor in Residence), Watts (Trombone).

Gifts and Memorials to the Music Department

The Music Department has been the recipient of many fine gifts of instruments, record collections from friends and supporters of the Department. In the Music Auditorium is housed the W. Cunningham Memorial Pipe Organ, a three-manual Austin organ of 45 ranks and 54 registers, given to the University by Laura Moore Cunningham. It is used for concert, teaching, and practice purposes. Also in the Auditorium is the console for the Harry W. Morrison Memorial Carillon, built by Maas & Roos. 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 military parades and at home football games, is the BSU calliope, given by Mr. Michael A. Compton.

Other gifts to the Music Department include several grand pianos, electronic equipment, instruments, record collections and music. The Music Department is grateful to these donors who have given so generously:

Dr. and Mrs. Robert deNeufville
Alice Gould
Dr. and Mrs. Arthur C. Jones
Santalor Len Jordan
Bryant S. Martineau
Marjorie Palmquist
Mr. and Mrs. Edward Utley
Mrs. Edith Weston

REQUIREMENTS FOR MUSIC MAJOR

Bachelor of Arts Program
A. Completion of general college requirements for the Bachelor of Arts degree as found on pages 16-19 of the catalog.
B. Minimum Music Requirements:
   Performance Studies ........................................ 8
   Materials of Music I, II, III, IV ..................................................... 12
   Beginning and Advanced Ear Training ........................................ 4
   Music History/Literature Courses ........................................ 6
   Ensemble ........................................................................... 4
   Concert Class (each semester) ........................................ 0
   Performance, Theory, Music Education, or General Music Electives ........................................ 10
   Senior Recital* or Senior Project** ........................................ 1
   Total .................................................................................. 45

   *Senior Recital option requires approval of the student’s private instructor. Senior Recital (MA 444) requires a minimum of 3 years of study or equivalent in the area prior to enrollment.
   ** An Independent Study terminal project under faculty supervision and with the approval of the Department Chairman in the area 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. Emphasis are possible in Performance, Music Theory, History/Literature, or Music Education. Details of the individual student’s curriculum are to be determined by the student in consultation with an assigned Music Minor advisor and subject to the approval of the Music Department Chairman.

MUSIC MAJOR IN PERFORMANCE, THEORY-COMPOSITION, AND MUSIC EDUCATION

Bachelor of Music Program
1. The Bachelor of Music Degree (Performance and Theory-Composition Emphasis) is designed to train performers and composers and performing artist teachers. It is the basic degree for preparing students for graduate work in the performing and creative fields as well as teaching at the college and university level. It is essentially a professional degree.
2. The Bachelor of Music Degree (Music Education Major) is designed to prepare students for teaching careers in the secondary and elementary educational systems. It also prepare 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). Also, all students registered for any MA Performance Study course will perform before a faculty jury at the end of each semester. Students presenting MA 444, 445, or 446 recitals are exempt 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. Details are available from the Music Department.
5. All Bachelor of Music Majors are required to register for at least one of the three major ensembles (band, choir, or orchestra) each semester (a minimum total of 8 credits over 4 years of normal full-time study). Other ensembles may be taken as electives in addition to the major ensembles. Piano majors may count up to 4 credits of Accompanying (ME 180, 380) toward this requirement.
6. The following Core of Music Courses will be included in all Bachelor of Music curricula:

   Concert Class (Attendance required each semester of residency - see 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 ........................................................................... 8
   Elements of Form (Upper Division) ........................................ 3
   Music History Courses (Upper Division — 3 credits will count toward Area I Requirements; see page 33) ........................................ 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 ........................................ 40
      B. Lower Division Performance Studies ........................................ 16
      C. Upper Division courses ........................................ 29
      Performance Studies ........................................ 16
      Keyboard Harmony and Basic Improv ........................................ 4
      Counterpoint ........................................ 4
      Choral or Instrumental Conducting ........................................ 1
      Advanced Form and Analysis ........................................ 2
      Senior Recital ........................................ 2
      Electives ........................................ 14-17
      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
      55
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 ................................................. 16
      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 Improvisation ..................... 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
      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 ......................................... 4
      Instrumental Techniques and Methods ............................ 4
      Music Meth for Elementary Teacher ................................. 2
      One-half Senior Recital ................................................... 1
   D. Education School Requirements ...................................... 12
      (General Psych — Area II) ............................................... 3
      (Educational Psych — Area II) ......................................... 5
      Foundations of Education .............................................. 3
      Secondary School Methods ........................................... 3
      Practice Teaching ......................................................... 6

3. Electives (Any Area) ....................................................... 9-12
   Total: 128

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### 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.

#### Strings

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>117.317</td>
<td>Violin — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>118.318</td>
<td>Violin — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>121.321</td>
<td>Cello — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>122.322</td>
<td>Cello — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>123.323</td>
<td>String Bass — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>124.327</td>
<td>String Bass — 4 credits</td>
<td>Each semester</td>
</tr>
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</table>

#### Guitar

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>125.325</td>
<td>Guitar — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>126.326</td>
<td>Guitar — 4 credits</td>
<td>Each semester</td>
</tr>
</tbody>
</table>

127. Populor and Folk Guitar Class (1 credit). This is a course in the technical fundamentals involved in playing the acoustical guitar for the beginner. The course is based onural instruction, stressing proficiency in melody playing and chordal accompaniment. 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. Prerequisite: MA 127 or permission of instructor. Either semester.

327. Advanced Guitar Class (2 credits). A study of musical and technical problems inherent in solo guitar playing. Chord construction and progression are studied in depth through interval analysis and functional harmonic relationships. Theoretical understanding of guitar transcriptions is covered and improvisation is introduced. Meets three times a week. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either semester.

328. Jazz Guitar Class (1 credit). A course in jazz improvisation for the guitarist with 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.

#### Brass

<table>
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<th>Course</th>
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<tr>
<td>105.305</td>
<td>Applied Trumpet — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>110.310</td>
<td>Applied Trumpet — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>111.311</td>
<td>Horn — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>112.312</td>
<td>Horn — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>113.313</td>
<td>Trombone — 2 credits</td>
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<td>114.314</td>
<td>Trombone — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>115.315</td>
<td>Trumpet (or Baritone) — 2 credits</td>
<td>Each semester</td>
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<td>116.316</td>
<td>Trumpet (or Baritone) — 4 credits</td>
<td>Each semester</td>
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<tr>
<td>117.317</td>
<td>Tuba — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>118.318</td>
<td>Tuba — 4 credits</td>
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#### Woodwinds

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<tr>
<td>189.389</td>
<td>Applied Woodwinds — 2 credits</td>
<td>Each semester</td>
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<td>190.390</td>
<td>Applied Woodwinds — 4 credits</td>
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</tr>
<tr>
<td>191.391</td>
<td>Bassoon — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>192.392</td>
<td>Bassoon — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>193.393</td>
<td>Clarinet — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>194.394</td>
<td>Clarinet — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>195.395</td>
<td>Flute — 2 credits</td>
<td>Each semester</td>
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<td>196.396</td>
<td>Flute — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>197.397</td>
<td>Oboe (or English Horn) — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>198.398</td>
<td>Oboe (or English Horn) — 4 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>199.399</td>
<td>Saxophone — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>200.400</td>
<td>Saxophone — 4 credits</td>
<td>Each semester</td>
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#### Percussion

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<tbody>
<tr>
<td>141.341</td>
<td>Percussion — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>142.342</td>
<td>Percussion — 4 credits</td>
<td>Each semester</td>
</tr>
</tbody>
</table>

#### Organ

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<tbody>
<tr>
<td>131.331</td>
<td>Organ — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>132.332</td>
<td>Organ — 4 credits</td>
<td>Each semester</td>
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#### Piano

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<th>Title</th>
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<tr>
<td>150.350</td>
<td>Piano Class — 1 credit</td>
<td>Each semester</td>
</tr>
<tr>
<td>151.351</td>
<td>Piano — 2 credits</td>
<td>Each semester</td>
</tr>
<tr>
<td>152.352</td>
<td>Piano — 4 credits</td>
<td>Each semester</td>
</tr>
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</table>
ME MUSIC, ENSEMBLE

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. Each semester. 2 credits.

102, 302 Band (1 credit). An elective open to all students who can play a band instrument. Maximum credits: ME 120, or ME 320. Bcr. Each semester. 1 credit.

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

125, 325 Brass Ensemble (1 credit). A course designed to promote playing in and increasing repertoire knowledge for small brass ensembles. A public performance is required each semester. 2 credits.

126, 326 Jazz Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge for small jazz ensembles. Includes performance of Dixieland, bebop, 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 function in jazz. A public performance will be required each semester. Prerequisite: consent of instructor. Maximum credits: ME 120, or ME 320. Bcr. Each semester. 1 credit.

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. Bcr. Prerequisite: permission of instructor. Each semester. 1 credit.

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

150, 350 Orchestra (1 credit). The Boise State University Community Symphony is composed of students and experienced musicians of the community and prepares them to play a major role in each of the standard symphonic repertoire. An elective for non-music majors. Audition is required of new students. Maximum credits: ME 150 and or ME 350. Bcr. Each semester. 1 credit.

160, 360 String Ensemble (1 credit). A course designed to promote playing in and increasing repertoire knowledge of ensembles of or including guitar(s). Prerequisite: one year playing proficiency and permission of instructor. Maximum credits: ME 160 and or ME 360. Bcr. Each semester. 1 credit.

167, 367 Guitar Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of ensembles of or including guitar(s). Prerequisite: one year playing proficiency and permission of instructor. Maximum credits: ME 167 and or ME 367. Bcr. Each semester. 1 credit.

180, 380 Accompanying (1 credit). Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum credits: ME 180 and or ME 380. Bcr. Each semester. 1 credit.

185, 385 Duo-Piano Ensemble (1 credit). A basic survey of duo-piano literature from the Baroque to the present. The student will learn to cope with ensemble problems encountered in rehearsal and performance. Class sessions will consist of performance, listening and discussion. One paper will be prepared by each student. A public performance will be given at least once per semester. Outside preparation is expected of the student. Prerequisite: Consent of instructor. Maximum credits: ME 185 and or ME 385. Bcr. Each semester. 1 credit.

MU MUSIC, GENERAL

101 Music Fundamentals (2 credits). Primarily for Education Department students, but open to all non-music majors. Emphasis will be placed on the methods of teaching music through the use of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced. A remedial course for music majors.

119 Materials of Music I (3 credits). This course includes music fundamentals (notation, intervals, triads, scales and modes, key signatures); melodic cadences, melodic construction and decoration; 2- and 3-voice textures (linear and vertical aspects), with emphasis on aural and visual recognition, analysis and compositional skills involving the above. Prerequisite: piano proficiency to play simple melodies and harmonies, and or concurrent enrollment in piano study, or permission of the instructor. 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 relationships; cadences, inversions, dominant sevenths and secondary dominants; a cursory survey of binary, ternary and through-composed forms, modulation and mode relationships) and emphasis is on aural and visual recognition and analysis with compositional skills involving the above. Prerequisite: MU 119 or equivalent competency and piano as per MU 119. Spring semester.

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

123 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. Class discussions and study of scores, recordings, sound filmstrips, and library resource materials from the beginning of the Baroque period to Contemporary Modern Opera and Music Theatre compositions. Required of voice majors. Meets twice a week. Fall semester.

213 Functional Piano (2 credits). Class instruction for Music Education majors, designed to build fundamental keyboard skills through scales, chords, arpeggios and other studies. Building of a repertoire of songs and the learning of a variety of chord ing techniques useful in teaching classroom music. Prerequisite: Materials of Music II MU-120. 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; remote modulations; compositional skills involving the above. Prerequisite: MU 120 or equivalent competency and piano per MU 119. Fall semester.

220 Materials of Music IV (3 credits). This course includes introductions to invention and figured modes and sonata form; thirteenth and fourteenth chords; Tonalism and twentieth century music; Aural harmony, atonality and serial techniques, compositional skills involving 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 forms of the basic chords in four parts. Prerequisite: Materials of Music II MU 120. Beginning Ear Training MU-121 and or 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, while 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). Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading. Meets twice a week. Prerequisite: Materials of Music II MU 120 and Beginning Ear Training MU-121-122. Either semester.

266 Woodwind Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic pedagogical technique on two or more of the woodwind instruments. Meets 3 hours per week. Fall-Semester.

271 Orientation to Music Education (1 credit). A look at school music programs to include all levels, primary through secondary programs. Meets twice a week - one lab period and one formal class period. Lab period will be visitation in public schools. Either semester.
Upper Division

305 History and Literature of the Romantic Era (3 credits). Study and consideration of representative musical works from Schubert and Beethoven to Mahler and Richard Strauss. The relationship of these works to the various literary and the arts. Prerequisite: Materials of Music II MU-120. Fall semester.

306 History and Literature of the Twentieth-Century (3 credits). Styles and characteristics of music from the last decades of the previous century to the present. Works from Mahler and Debussy to recent developments in aleatoric and electronic techniques for dealing with music and the general student in elementary schools. Prerequisite: Materials of Music II MU-120. Spring semester.

307 History and Literature of the Medieval and Renaissance Eras (3 credits). The analysis of the development of Western music from Greek theory and its cultural roots through Palestrina and his contemporaries. Consideration of the music of these periods as artistic entities and foundations for subsequent expression. Prerequisite: Beginning Harmony MU 111-112. Fall semester.

309 History and Literature of the Baroque Era (3 credits). The development of understanding style and characteristics of music of this period through score 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 style through Haydn, Mozart, and Beethoven; the role of the early symphony, sonata, and弦 quintet will be the basis of the course. Attention will be given to the evolution of classical forms through score reading, listening and analysis. Prerequisite: Materials of Music II MU 120. Spring semester. (Not offered 1975-76).

313-314 Keyboard Harmony and Basic Improvisation (2 credits). The student will learn to play in strict four-part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys. It will be emphasized in the basic materials for improvisation in the organ. Prerequisite: Materials of Music II MU-120, and Beginning Ear Training MU-121 and MU-122 for student majoring in piano or organ. Four non-keyboard majors, the student must have had one to two years piano study. Fall-Spring semesters.

321-322 Counterpoint (2 credits). A study of the 16th century composition techniques. The major will be used and the student will write in two, three, and four parts, using five classic species of counterpoint, in time per semester, the major to include five and six parts and original compositions in the style. Prerequisite: Materials of Music IV MU-220. Completion of MU-221 and MU-222 is desirable. Fall-Spring semesters.

330 Opera Theatre (1 credit). A course in the study and production of operas. Permission of instructor required to register for course. Maximum 4 credits. Each semester.

355 Choral Conducting (1 credit). A course designed to deal with the problems and techniques of choral conducting. Students will work with ensembles in various capacities as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Fall semester.

366 Instrumental Conducting (1 credit). A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Spring semester.

368 Percussion Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various percussion instruments in the public schools, while providing the student with basic performing techniques. Meets three times per week. Spring semester.

389 Brass Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with a basic performing technique on two or more of the brass instruments. Meets three times per week. Spring semester.

370 Guitar for Classroom Teachers (2 credits). A course designed for teachers or prospective teachers who wish to use the guitar in classroom situations. Emphasis is on accompaniment skills, elementary skills, elementary chord theory, melodic playing, proper hand position and note reading. Musical material is drawn from popular and folk styles useful in elementary classes. May be repeated once for credit. Either semester.


372 Teaching Music in the Elementary Classroom (2 credits). Designed for the music education major, this course will deal with curriculum design, teaching methods such as Orff, Kodaly, Threshold to Music, materials and evaluative techniques for dealing with music and the general student in elementary schools. Included in the course will be planning and evaluation of classroom and general music programs, and organization of vocal groups. Meets three times a week. Prerequisite: Music Theory I MU 101. Fall semester.

385 Choral Methods and Materials (2 credits). Designed for Music Education majors, this course will deal with methods and materials of teaching the various vocal groups in elementary schools. A practical workshop in selection and conducting of choral materials, rehearsal techniques, use of small ensembles, planning and organization of vocal groups. Meets three times a week. Prerequisite: Basic Conducting MU 261. Spring semester.

408 Elements of Form (3 credits). Elements of form from both design and harmonic structure standpoints. Detailed analysis of the phrase and the simpler binary and ternary forms; cursory examination of larger forms. Prerequisite: Materials of Music IV MU-220. Fall semester.

410 Advanced Form and Analysis (2 credits). Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. Prerequisite: Elements of Form MU-409. Spring semester.

413-414 Continuo Realization and Improvisation (2 credits). Designed especially for organists and composition majors; other students may enter by permission of instructor. Special attention will be given to improvising the harmonies from the figured basses in the choral scores of the Baroque Period. Original work in improvisation will also be stressed. Prerequisite: Keyboard Harmony and Basic Improvisation MU-313 and MU-314. Fall-Spring semesters.

421 Canon and Fugue (2 credits). An analytical study of the formation of canons and fugues. The student will study and write canons and canonic devices at all intervals. Fugue techniques, and complete fugues will be studied and written in three and four voices. Prerequisite: Materials of Music IV MU-220, and Counterpoint MU-321 and MU-322. Either semester.

455 Band Arranging (2 credits). Required of majors in Music Education and in theory and Composition. A study of scoring and notation for brasswind, woodwind and percussion instruments and their textures in various combinations. Prerequisite: Materials of Music IV MU-220. Fall semester.

456 Orchestra Arranging (2 credits). Required of Theory and Composition majors but open to other students who can qualify. A study of scoring and notation for strings and for voices in various combinations with primary emphasis on the orchestra. Prerequisite: Band Arranging MU 455. Spring semester.

461, 462 Piano Pedagogy (1 credit). Teaching problems at all levels, appraisal of new literature, and the study of grading sequences for the piano teacher. Examples in performance and interpretation and surveys of various methods and other teaching materials. Open to prospective or current piano teachers with consent of instructor. Fall, Spring semesters.

498 Music Seminar (2 credits). A seminar project under faculty direction. Prerequisite: Senior standing. Either semester.

NOTE: Graduate level courses and course descriptions may be found on page 68.
COMMON SOPHOMORE YEAR:  

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Physics II and III (PH-221-222)</td>
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<tr>
<td>Wave Motion and Heat Lab (PH-223)</td>
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<td>Electricity and Magnetism Lab (EN 224)</td>
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<tr>
<td>*Humanistic-Social Elective</td>
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<tr>
<td>Introduction to Mechanics (EN-205)</td>
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<td>Introduction to Electrical Engineering (EN-221)</td>
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<td>Calculus and Analytic Geometry (M-206)</td>
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<td>Advanced Engineering Math (M-321)</td>
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<tr>
<td>(Branch Variation — See Below)</td>
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<td>16-18</td>
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</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-218.

Branch Variations:

- **Agricultural Engineering**
  - Life Science Elective
  - Dynamics of Rigid Bodies (EN-206)
  - Principles of Economics (EC-201)

- **Civil Engineering**
  - Dynamics of Rigid Bodies (EN-206)
  - Engineering Measurements (EN-216)
  - Humanistic Social Elective

- **Mechanical Engineering**
  - Dynamics of Rigid Bodies (EN-206)
  - Principles of Economics (EC-201)

- **Chemical Engineering**
  - Organic Chemistry (C-218)
  - Principles of Economics (EC-201)

- **Electrical Engineering**
  - Network Analysis (EN-223)
  - Humanistic Social Elective

JUNIOR YEAR:

Three Junior level Engineering Science courses (EN 301 Fluid Mechanics, EN 306 Mechanics of Materials, and EN 320 Thermodynamics and Heat Transfer) are offered. These courses, along with usual Engineering requirements in mathematics, science, humanities, and social sciences, make it feasible for many students to complete a third year before transferring. Consult an engineering staff advisor for details.

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.

SCHOOL OF ART & SCIENCES

ENGINEERING

COURSES

EN ENGINEERING

Lower Division

100 Concepts and Consequences of Energy Utilization (4 credits). An introductory course for non-science majors designed to acquaint students with the basics of energy utilization technology and its cultural and environmental impacts. The course will demonstrate the role of technology in our society by developing a conceptual understanding of the operation and limitations of the technological machines which supply our society's energy. Three hour lectures and one two-hour projects lab each week. Fall semester.

101 Technical Drawing (2 credits). A basic course of technical drawing procedures for those with little or no high school or work experience background in this area. Covers lettering, use of drawing instruments, geometric construction, orthographic projections, sectioning, dimensioning, pictorial drawings, working drawings and graphic solution of point line and plane problems. Two 2-hour lecture laboratory periods per week. Each semester.

104 (M-125) Digital Computer Programming (2 credits). Course for engineering, science or mathematics majors to introduce FORTRAN programming principles and logic. Consideration and subroutine subprograms, applied to problem solving. Prerequisite: M-106. M-111 or M-115 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both EN 104 and M 125. Each semester.

107-108 Engineering Fundamentals (2 credits). An integrated course covering and relating such topics as professional and social responsibilities of the engineering computing, graphics and introduction to the design process. Two 2-hour lecture labs. Student should have a minimum mathematics background equal to M-111. Each semester.


206 Dynamics of Rigid Bodies (2 credits). Analysis of forces and the resulting motion as pertains to rigid bodies undergoing rotary and general plane motion. Prerequisite: EN-205. Spring semester.

215 Basic Surveying (2 credits). A basic course in surveying serving as both a preliminary course for engineering majors and a complete course for forestry and other non-engineering majors. Course covers use of transit, level, plane table, and computations related to elevations and stadia surveys. One lecture and one 3-hour lab. Prerequisite: M-111 or equivalent. Fall semester.

216 Engineering Measurements (2 credits). Advanced topics in surveying plus theory and practice relating to types of errors, distribution of errors and precision in measurement. One lecture and one 3-hour lab. Prerequisite: EN-215. Spring semester.

221 Introduction to Electrical Engineering (3 credits). Basic electrical theory for all engineering students. Covers both d.c. and a.c. circuits. Three lectures per week. Prerequisite: M-112. Fall semester.

222 Network Analysis (4 credits). Deal with circuit analysis of advanced d.c. and a.c. circuits concepts including network theorems, frequency domain analysis and coupled circuit. Three recitations per week and one three-hour laboratory. Prerequisite: Introduction to Electrical Engineering EN-221. Spring semester.

224 Electricity and Magnetism Lab (1 credit). (See PH 224).

226 (M-220) Applied Fortran Programming (2 credits). A general course to illustrate advanced techniques in FORTRAN programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: EN-104 and M-205. Credit cannot be obtained for both EN 226 and M 225. Fall semester.

Upper Division


320 Thermodynamics and Heat Transfer (3 credits). First and second laws of thermodynamics. Thermodynamic processes: thermodynamic properties of fluids; flow processes: heat to work conversion: refrigeration, conduction and radiation. Three recitations per week. Prerequisites: Calculus M-206 and Physics II-Wave Motion and Heat PH 221. Fall semester.

PS PHYSICAL SCIENCE

Lower Division

100 Foundations of Physical Science (4 credits). Selected concepts of matter and energy that are widely applicable toward understanding our physical and biological environment. A one-semester course for non-science majors. Three lectures and one laboratory experiment per week. Each semester.

Note: Graduate level courses and course description may be found at the end of Part III of the Catalog.
PHYSICS

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-medical students. Three lectures and one three-hour laboratory per week. Prerequisite: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics 4 credits. A course designed primarily for those who are studying to be X-ray or radiologic technicians. Topics covered will be fundamental physical units, energy, electricity and magnetism, atomic and nuclear physics, X-ray production, radiation shielding and detection, radiography, isotopes, and health physics. Summer session.

106 Introduction to Descriptive Astronomy 4 credits. A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Three lectures and one two-hour laboratory. 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 two 2-hour labs. Prerequisite: It is recommended that the students have taken Math 111 or 112 or its equivalent.


221 Physics II — Wave Motion and Heat 3 credits. Wave motion on strings, 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 circuit analysis and instrumentation. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 222. Spring semester.

Bachelor of Arts Program

A major program in Political Science is to be defined for each student in terms of a general foundation of knowledge in the discipline of Political Science, accommodating the developmental interests of the student but reflecting a concentration in any one of the following four "areas of emphasis" as available options for a major program in Political Science:

I. Political Philosophy
II. American Governmental Systems and Processes
III. International Relations
IV. Public Administration

As an optional alternative, major emphasis in Political Science is provided in teacher education preparation.

Political Science Secondary Education

The basic requirements applicable to all major programs in Political Science, irrespective of the selected area of emphasis, are to include the following courses:

- PO 101 Federal Government ........................................ 3 credits
- PO 141 Contemporary Political Ideologies .................. 3
- PO 229 Comparative European Governments and Politics ........................................ 3
- PO 231 International Relations .................................. 3
- PO 498 Seminar (Scope and Methods of Political Science) ........................................ 2

The Seminar is not applicable to public administration area of emphasis.)

At least 3 Semester credits in Western Political Theory PO-441. PO-442 strongly recommended for all students with a major program in Political Science.
The course requirements applicable to each of the four designated areas of emphasis, offered as optional major programs in Political Science, are described below.

I. Political Science - Political Philosophy emphasis.
Political philosophy as an area of emphasis is designed to accommodate students whose principal interest in Political Science is the fundamental political thought, past and present, in the development of political institutions in society.

A. General College and Core Requirements
B. Political Science Major Requirements (45 credits)

1. Lower Division Courses (12 credits)
   PO 101 Federal Government 3 credits
   PO 141 Contemporary Political Ideologies 3
   PO 229 Comparative European Governments and Politics 3
   PO 231 International Relations 3

2. Upper Division Courses (33 credits)
   PO 301 American Politics 3
   PO 401 Constitutional Law 3
   PO 431 American Political Theory 3
   PO 441 Western Political Theory I 3
   PO 442 Western Political Theory II 3
   PO 451 Comparative Legal Systems 3
   PO 498 Senior Seminar (Scope and Methods of Political Science) 2
   Political Science electives (13 credits)

II. Political Science - American Governmental Systems Processes emphasis.
This area of emphasis is offered to students who wish to concentrate their attention on National, State, and local political institutions of the United States. The course requirements and electives in this area of emphasis seek to provide the student with an understanding of American government.

A. General College and Core Requirements
B. Political Science Major Requirements (45 credits)

1. Lower Division Courses (18 credits)
   PO 101 Federal Government 3
   PO 102 State and Local Government 3
   PO 141 Contemporary Political Ideologies 3
   PO 221 Voting Behavior and Public Opinion 3
   PO 229 Comparative European Governments and Politics 3
   PO 231 International Relations 3

2. Upper Division Courses (27 credits)
   PO 301 American Politics 3
   PO 303 Introduction to Public Administration 3
   PO 412 Legislative Behavior 3
   PO 431 American Political Theory 3
   PO 498 Senior Seminar (Scope and Method of Political Science) 2
   Political Science electives (9 credits)

III. Political Science - International Relations emphasis.
The area of emphasis in international relations is available for students wishing to obtain a general understanding of international affairs for a more intelligent citizenship in the modern world society. Students enrolling in this option are advised to prepare themselves adequately in modern foreign languages. The course requirements in Political Science are intended to provide a basis for an interdisciplinary program with additional courses drawn from foreign languages, history, economics, and sociology.

A. General College and Core Requirements
B. Political Science Major Requirements (45 credits)

1. Lower Division Courses (12 credits)
   PO 101 Federal Government 3
   PO 141 Contemporary Political Ideologies 3
   PO 229 Comparative European Governments and Politics 3
   PO 231 International Relations 3

2. Upper Division Courses (33 credits)
   PO 331 International Politics 3
   PO 324 Comparative Communist Party - State Systems 3
   PO 333 Comparative Governments and Politics of the Developing Nations 3
   PO 335 United States Foreign Policy 3
   PO 421 International Law 3
   PO 422 International Organization 3
   PO 451 Comparative Legal Systems 3
   PO 498 Senior Seminar (Scope and Methods of Political Science) 2
   Political Science electives (10 credits)

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 3
   PO 102 State and Local Government 3
   PO 141 Contemporary Political Ideologies 3
   PO 229 Comparative European Governments and Politics 3
   PO 231 International Relations 3

2. Upper Division Courses (30 credits)
   PO 303 Introduction to Public Administration 3
   PO 310 Public Finance 3
   PO 320 American Policy Processes 3
   PO 325 Regional Administration 3
   PO 465 Comparative Public Administration 3
   PO 467 Administrative Law 3
   PO 487 Organization Theory and Bureaucratic Structure 3
   Political Science electives (9 credits)

V. Political Science - Social Science Secondary Education Option
Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

30 Hour Program - 24 hours required courses:
   PO 101 Federal Government 3
   PO 102 State & Local Government 3
   PO 221 Voting Behavior and Public Opinion 3
   PO 231 International Relations 3
## COURSES

### POLITICAL SCIENCE

#### Lower Division

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<tr>
<td>PO 231</td>
<td>International Relations</td>
<td>3</td>
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<tr>
<td>PO 441</td>
<td>Political Theory</td>
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<td>PO 433</td>
<td>Comparative Government</td>
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<td>PO 431</td>
<td>Political Science Electives</td>
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#### Upper Division

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<td>State and Local Government</td>
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<td>PO 141</td>
<td>Contemporary Political Ideologies</td>
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<tr>
<td>PO 221</td>
<td>Voting Behavior and Public Opinion</td>
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<td>International Relations</td>
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<td>PO 301</td>
<td>American Politics</td>
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<td>PO 364</td>
<td>Administrative Organization and Problems of Political Government</td>
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<td>Introduction to Public Administration</td>
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<td>PO 324</td>
<td>Comparative Communist Party-State Systems</td>
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<td>PO 325</td>
<td>Regional Administration</td>
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<td>PO 330</td>
<td>Issues in Public Personnel Affairs</td>
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<td>PO 331</td>
<td>Comparative Governments and Politics of Developing Nations</td>
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<td>PO 401</td>
<td>Constitutional Law</td>
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<td>PO 412</td>
<td>Legislative Behavior</td>
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<td>PO 416</td>
<td>International Organization</td>
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<td>PO 442</td>
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<td>PO 444</td>
<td>Part II Political Thought</td>
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<td>PO 481</td>
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<td>PO 498</td>
<td>Senior Seminar</td>
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</table>

**Prerequisites**: Federal Government PO 101 and International Relations PO 231.

**Offered in alternate academic years**.

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### 15 Hour Emphasis - 9 hours required courses:

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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tr>
<td>PO 101</td>
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<tr>
<td>PO 231</td>
<td>International Relations</td>
<td>3</td>
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<tr>
<td>PO 441</td>
<td>Political Theory</td>
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<td>Plus 3-6 hours of appropriate upper division</td>
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<td>Plus 3-6 hours of appropriate upper division</td>
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<tr>
<td>Political Science courses to be worked out with emphasis according to major field</td>
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**Offered in alternate academic years**.
PY PHILOSOPHY

Lower Division

101 Introduction to Philosophy (3 credits). A general background in the various areas of the discipline is presented after which specific philosophical problems are examined in light of the solutions by various philosophers in Western culture. The areas examined include metaphysics, ethics, and epistemology. Each semester.

121 Introduction to Logic (3 credits). Logic is the science of valid reasoning. To be studied are the logical rules of inference, methods of argumentation, logical problem solving and the nature of logical fallacies. Fall semester.

211 Ethics (3 credits). Problems of both normative ethics and metaethics are examined. Normative ethics concerns the norms and guidelines of moral behavior. Various solutions are offered in response to the question, "What ought one to do given a moral dilemma?" Metaethics is concerned with the nature of ethical statements. Naturalism, intuitionism, and emotivism are thus examined. Spring semester.

231 Philosophy of Religion (3 credits). The various types of arguments for the existence of God are examined. Various conceptions of the nature of God are explored as well as such problems as the problem of evil and problem of free will. Either semester.

246 Metaphysics (3 credits). As the core of philosophy, this course includes an examination of (a) the problem of free will vs. determinism, (b) the nature of causation, (c) the problem of personal identity, and (d) ontology. Prerequisite: PY 101. Fall semester.

247 Epistemology (3 credits). This course covers the theory of knowledge, including (a) an examination of the relationships and the differences 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, 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 Reason (Philosophy) (3 credits). A study of European thought in the seventeenth and eighteenth centuries. The age of absolutism, ideas of the philosophers and the crisis of the old regime leading to revolution. Prerequisite: Introduction to Philosophy, PY 101. Course may be taken either for History credit or for Philosophy credit, but not for both. Either semester, alternate years. Offered 1975-76.

334 Phenomenology and Existentialism (3 credits). This course explores the most fundamental of human problems: man is subjective by nature, for he is trapped by his own view of the world; yet the rational mind strives for objectivity. The clash between the two leads man to ask the very basic questions, "Who am I?" and "What is my relationship to the external world?" The former is an existential question and the latter is a phenomenological one. Prerequisite: PY 101. Fall semester.

404 Symbolic Logic (3 credits). A study of the translation of natural language statements into symbolic form for the purpose of ridding them of ambiguity and of making deductions through the rules of propositional calculus. Prerequisite: PY 121. Spring semester.

405 Philosophy of Science (3 credits). This course seeks to examine some 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, Oliver, Pantonch, Special Lecturer: Larsen.

Clinical Associates: Richard Anderson, Idaho State Penitentiary; Marlene Gahey, Idaho State School and Hospital; Charles Hansen, Veterans Administration Hospital; Kenneth Hopkins, Idaho Commission for the Blind; Elinor Jacobson, Casey Family Program for Youth; John Louden, Boise Public Schools; Priscilla Larnier, Department of Environmental and Community Service; Dennis Nelson, Unified LDS Social Services; George Pelletier, Vocational Rehabilitation Department; Susan Raeder, Idaho State School and Hospital; John Shuler, Child Protection Unit, Idaho State School and Hospital; Jim Teverbaugh, Department of Environmental and Community Service; Sharon Walker, Youth Service Bureau; Dean Westover, Whitmer Public School.

SCHOOL OF ART & SCIENCES

Social Work

REQUIREMENTS FOR
SOCIAL WORK MAJOR

Bachelor of Arts Program

CREDITS

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

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

English Composition ..................6

Literature ................................6

Humanities ................................6

History ..................................6

Lab Science 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 are specific to the practice of Social Work. Community social service resources are reviewed. This includes three (3) hours of service per week in a social service agency, integrating interviewing skills with actual practice. Prerequisite: SW 101. Each semester.


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.


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 supply for admission into the field work program prior to the beginning of their second semester. Before the final decision is made as to where the student will spend his or her 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.

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DEPARTMENT OF SOCIETAL
AND URBAN STUDIES

Chairman and Professor: Dr. Patricia M. Dorman; Associate Professors: Chielen-
sen, Schefler, Assistant Professors: Baker, Corbin, Cox, Harvey, Hopfeneck-
Marsh, Taylor; Visiting Professor: Pavesci.

The Department believes that the condition of urban life in modern society requires a broad, interdisciplinary approach to provide competency and knowledge in the areas of societal and urban studies. In addition, the curriculum offers current perspectives for resolving many of the existing problems which face man. It provides an opportunity for each student to gain both the scientific and practical knowledge in three disciplines: sociology, anthropology and criminal justice administration.

Capitalizing on a variety of fields, the Department offers students an opportunity for entry into the rapidly growing occupational areas of personal services in urban society. The Department also offers a sound undergraduate curriculum preparatory to graduate study in each baccalaureate program.

CRIMINAL JUSTICE ADMINISTRATION

General University and core requirements to meet either Bachelor of Arts or Bachelor of Science program as given on page 16-18 except:

A. Criminal Justice majors are required to take

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

B. Major Requirements

1. Lower Division
   a. Law Enforcement in Modern Society 3
   b. Patrol Administration 3
   c. Law of Criminal Evidence 3
   d. Criminal Investigation 3
   e. Vice and Organized Crime 3

2. Upper Division
   a. Administration of Justice 3
   b. Police Organization and Management 3
   c. Criminal Law 3
   d. Contemporary Law Enforcement Problems 3
   e. Comparative Law Enforcement Administration, or Introduction to Criminalistics 3
   f. Abnormal Psychology 3
   g. Juvenile Delinquency 3
   h. Criminology 3

C. Electives

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

*The following courses are strongly recommended: Judo, Self Defense

REQUIREMENTS FOR SOCIAL SCIENCE MAJOR

I. Liberal Arts Option

1. General College and Basic Core requirements:

   a. Introduction to Sociology 3
   b. Elementary Social Statistics 3
   c. Social Research 3
   d. History of Sociology 3
   e. Current Sociological Perspectives 3
   f. Sociology Seminar 3

2. Social Science requirements:

   a. Lower Division Courses 3
      1. Anthropology 3
      2. Economics 3
      3. Political Science 3
      4. Sociology 3
      5. Social Science Electives 9
   b. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields) 24
      1. Social Institutions 3
      2. Contemporary Economic Problems 3
      3. American Society 3
      4. Rural Community or Urban Community 3
      5. Sociology of the Family 3
      6. Sociology of Religion or Social Stratiﬁcation 3
      7. Racial and Cultural Minorities 3
      8. Sociology of Aging 3
      9. Social Research 3
      10. Current Sociological Perspectives 3
      11. Sociology Seminar 3

II. CREDITS

   a. General University and core requirements to meet either Bachelor of Arts or Bachelor of Science Program* as given on page 16-18 21
   b. 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 consulta-
tion with his advisor. 24
   c. At least 29 credit hours in Sociology including:

      1. Introduction to Sociology 3
      2. Elementary Social Statistics 3
      3. Social Research 3
      4. History of Sociology 3
      5. Current Sociological Perspectives 3
      6. Sociology Seminar 3

III. GROUP I COURSES

   a. Population 3
   b. Sociology of the Family 3
   c. Sociology of Religion or Social Stratiﬁcation 3
   d. Racial and Cultural Minorities 3
   e. Sociology of Aging 3

IV. GROUP II COURSES

   a. American Society 3
   b. Social Institutions 3
   c. Social Stratiﬁcation 3
   d. Industrial Sociology 3
   e. Rural Community or Urban Community 3

The following courses are strongly recommended:

   1. HY 102, 103 — History of Western Civilization
   2. Mathematics — 8 hours
   3. PSY 101 — Introduction to Psychology

ASSOCIATE OF SCIENCE

CREDITS

A. Criminal Justice majors are required to take:

1. Defensive Tactics* 1
2. Fundamental Concepts of Math 4
3. Lab Science 4
4. English Composition 3 or 6
5. Literature 3
6. History 3
7. Fundamentals of Speech-Communication 3
provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.  

Credit Hours
1. General College and Basic Core requirements 18-39
2. 2 approved teaching minors, 15 hours each (minors to be selected from the following fields: Political Science, Anthropology, History, Geography, Economics) 30
3. Sociology courses (required courses are the same as for the Sociology major above, including at least 15 upper division hours) 30
4. Education courses to meet Idaho State Department of Education Certification requirements for teachers in Secondary Education 20
5. State requirements for teacher certification, including U.S. History 6 hours
American Government 3 hours 9
6. Electives to complete a total of 128 credit hours, including 40 upper division credit hours 0-21
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 3
AN-201 Physical Anthropology 3
AN-311 Peoples and Cultures of the World 3
Upper Division Anthropology Electives 6 credit hours

COURSES

AN ANTHROPOLOGY

Lower Division
201 Physical Anthropology (3 credits). An introduction to the fossil evidence for human evolution, population genetics, human variation, and the study of living primates with emphasis on behavior. Each semester.

202 Cultural Anthropology (3 credits). The meaning of culture, its significance for human beings, similar and diverse forms and degrees of elaboration culture in relation to technology, economic systems, social organization, values and beliefs. Each semester.

203 Introduction to Archaeology (3 credits). An introduction to the historic background and basic techniques of archaeological excavation. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, their activities and their histories. Prerequisite: AN 201. Fall semester.

Upper Division
303 Old World Prehistory (3 credits). An in-depth study of the evolution of man and the development of culture. The course traces man's development from the most known evidence of cultural behavior (ca two and a half million years ago) to the development of man during the Ice Age, to the spread of man throughout the Old World, the domestication of plants and animals, and the rise of civilization. Prerequisite: AN 202, upper division status. 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. Either semester.

311 Peoples and Cultures of the World (3 credits). The cultural patterns of representative indigenous peoples. Technology, subsistence, social organization, and superrealism considered with a view toward environmental adjustment. Historical development and functional interrelations. Prerequisite: AN 202, upper division status. 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. Prerequisite: AN 202, upper division status. Alternate years, either semester. Will not be offered in 1975-76.

412 Archaeology of North America (3 credits). A survey of prehistoric cultures of North America north of Mexico. The course includes a historical overview of human relationships from earliest time. Emphasis is on the study of early man and the cultures of the Eastern Woodlands, the American Southwest and the Intermontane West. Prerequisite: AN 203, upper division status. Either semester.

421 Theory and Method in Archaeology (3 credits). A survey of the philosophical and theoretical foundations of archaeology. Includes the methodologies in technical and theoretical advances as applied to archaeological research. Prerequisite: AN 203, upper division status. Either semester.

CR CRIMINAL JUSTICE ADMINISTRATION

Lower Division
201 Law Enforcement in Modern Society (3 credits). A study of philosophy, history, objectives and the functions of law enforcement as an institution, institutional relationship to society, general overview of the administration of justice. 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 inmates, first offenders, female and juvenile offenders. Special problems relative to inmate social interaction and supervision of prisoners. Prerequisite: CR-201. Fall semester.

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


231 Criminal Investigation (3 credits). Designed to acquaint the student with investigation as it involves the application of the investigative process in criminal discovery and presentation 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 of innocence, 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.

Upper Division


331 Probation and Parole (3 credits). Historical development, organization, operation, purpose and outcome of post-conviction release programs. Includes will be probation, parole, work release and others. Analysis of program effectiveness. Review of the role of the probation and parole counselor within the program framework. Prerequisites: 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. Includes both counseling and investigative aspects with a view of 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.


380 Introduction to Criminalistics (3 credits). Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field 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, legal, and research problems in the area of 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.
451 Comparative Law Enforcement Administration (3 credits). An analysis and comparison of law enforcement systems at the Federal, State, and local levels. Prerequisite: CR 201, upper division FAA standing. Spring semester.

* Limited to Criminal Justice Administration majors.

SO SOCIOLOGY

** Lower Division **

101 Introduction to Sociology (3 credits). Introduction to the sociological perspective, analysis of the basic elements of human groups and societies, culture, social organization, socialization, inequality, and populations. Each semester.


240 Sociology of the Family (3 credits). An analysis of courtship, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the 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) Demographic factors that influence population size, such as birth control and inadequate housing; (2) composition of the population, past and present trends of populations. Prerequisite: Introduction to Sociology SO 101. Either semester.

** Upper Division **

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

310 Elementary Social Statistics (6 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.

311 Social Research (3 credits). An introduction to the empirical basis of modern sociological methods of research, design and the statistical analysis of social data. Prerequisite: Introduction to Sociology SO 101. Elementary Social Statistics SO 310 and upper division status. Spring semester.


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

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

352 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). Sociological 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. Prerequisite: SO 101 and upper division status. Either semester.

404 Sociology of Religion (3 credits). A study of religion as a social phenomenon. Prerequisite: SO 101 and upper division status. Fall semester (Not offered in 1972-73).

• 15 Juvenile Delinquency (3 credits). A study of causation, treatment, and control of juvenile delinquency. Prerequisite: SO 101 and upper division status. Either semester.

417 Criminology (3 credits). Sociology as applied to the study of "crime" as defined by the law of the 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 stratification system. Implications for the functioning of communities with emphasis on the problems of poverty. Prerequisites: SO 101 and upper division status. Spring semester.

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

428 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. Prerequisites: 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 groups and organizations. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisites: P 101 or SO 101 upper division status. Either semester.

487 Organizational Theory and Bureaucratic Structure (3 credits). A sociological analysis of the theories and concepts of complex organizations, their application to public administration and the interrelationship between political science and sociological organizational theory. This course is offered on an experimental basis with the Department of Political Science and is also designated as PO 487 for students undertaking a major program in Political Science. Prerequisite: Upper division standing and consent of the instructor. Either semester.

498 Sociology Seminar (2 credits). Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.
## THEATRE ARTS MAJOR

**Bachelor of Arts Program**

(Suggested Sequence: departmental requirements are indicated by asterisks)

### THEATRE EMPHASIS:

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### SECONDARY EDUCATION EMPHASIS:

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## COURSES

### TA THEATRE ARTS

**Lower Division**

107 Introduction to Theatre (3 credits). A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theater, dramatic literature and techniques. Each semester.

117-118 Technical Theatre (3 credits). Provides the student with a practical knowledge and skill in the principles of the technical aspects of theater; the mechanical characteristics of the stage and the elements used in productions; development of drafting skills, problems solving in staging; and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required. Fall, Spring semesters.

162 Stage Make-up (2 credits). Investigation of and production analysis of stage make-up; the relationship of actor to play and audience; an integration of make-up and other technical aspects that influence this particular art. Practical application is performed. Fall semester.

216-216 Acting (3 credits). Entails study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. One hour lecture, two hours lab per week required. Fall, Spring semesters.

220 Cinema: History and Aesthetics (3 credits). An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form. Selected motion pictures projected and discussed in class. Each semester.

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

232, 432 Repertory Theatre (3 credits). The study and practice of theatre repertory with emphasis on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credits TA 232 and/or TA 432, 6 credits. Each semester.

### Upper Division

311-312 Advanced Acting (3 credits). Intensive study in the problems of the actor, in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. Prerequisite: TA 215-216 or consent of instructor. Fall, Spring semesters. Alternate years.

331 Major Production Participation (1 credit). Significant participation in a major college production in some phase of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours. Each semester.

333 Stage Voice (3 credits). Techniques and practice in the use of the voice in the theatre with emphasis on diction, projection, and vocal flexibility, as applied in work with actual scenes. Either semester.

334 Advanced Oral Interpretation (3 credits). Analysis and oral presentation of advanced literary works in prose, poetry and drama. Course includes dramatic interpretation, program recitals, reader’s theatre and continued practice in vocal development. Prerequisite: CM 241 or consent of instructor after audition. Offered Spring semester.

341 World Drama 500 BC-1570 (3 credits). Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate Fall semesters.
SCHOOL OF ARTS & SCIENCES

Graduate Courses

342 World Drama 1570-1870 (3 credits). Same as TA 341, except that the period covered is from 1570 A.D. through 1870. Alternate Spring semester.

343 World Drama 1870 to 1960 (3 credits). Same as TA 341 except that the period covered is from 1870 to 1960. Alternate Spring semesters.

361 Elements of Scenic Design (3 credits). Major skills of beginning design. Included will be art techniques for theatre, research in major periods of scenic design, examination of major designers’ works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118. Fall semester.

362 Costume Design (3 credits). Major skills of beginning costume design. Included will be art techniques for theatre, research in major periods of costume design, designing for all manner of productions. Prerequisite: TA 117-118. Alternate Spring semester.

363 Stage Lighting Design (3 hours credit). A study of the theories, principles and practices of stage lighting including both aesthetic conception and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. Prerequisite: TA 117-118. Alternate Spring semester.

401-402 Directing (3 credits). Basic theory and techniques of stage directing. Includes the direction of scenes and one-act plays. Special problems of directing are presented. Prerequisite: Upper Division standing. Each semester.

421g-422g Theatre History (3 credits). Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.

446 Contemporary Drama (3 credits). A study of world drama since 1960 with an emphasis on current research materials and techniques. Spring semester.

451 Theatre Theory and Criticism (3 credits). Aesthetic theory as it pertains to the art of the theatre; script and production analysis based upon theoretical principles, and their practical application. Prerequisite: Senior standing. Alternate Fall semesters.

481 Puppetry (3 credits). An introduction to the art and craft of puppetry. Emphasis in the class will be on the actual construction of puppets and the creation of puppet plays.

487g-488g Children’s Theatre (3 credits). Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children’s theatre production; selection of a selected script. Fall, Spring semesters.

491 Senior Projects (3 credits). A culminating work for the theatre major. The student will completely research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formally written, fully documented thesis describing his production and the concept involved. Spring semester.

GRADUATE COURSES OFFERED BY SCHOOL OF ARTS & SCIENCES

These courses are intended as part of the MA in Elementary Education Programs. They are offered in response to needs indicated specifically by The School of Education.

AR ART

AR-521 Teaching Through Experimental Art Media — 3 credits (summer school only)

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

Selected Topics in the following functional areas will be offered as staff availability permits — 3 credits each

AR-580 Selected Topics — Drawing

AR-581 Selected Topics — Painting

AR-582 Selected Topics — Art History

AR-583 Selected Topics — Advertising Design

AR-584 Selected Topics — Printmaking

AR-585 Selected Topics — Ceramics

AR-586 Selected Topics — Sculpture

AR-588 Seminar in Art — 3 credits. Upon selection of an approved topic, the student will research it thoroughly, present an annotated bibliography, and present an oral report of the topic, utilizing visual material in his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing. One semester.

GO GEOLOGY

GO-511 Environmental Geology — 3 credits. Environmental Geology deals with the geologic aspects of man’s interaction with his environment. Topics considered include energy sources, conservation of metallic and non-metallic mineral resources, soil and water conservation, the water cycle, earthquakes, volcanism, mass-wasting and other geologic hazards. The resource needs of our expanding population are contrasted with the growing requirement for the protection of our frail environment. Prerequisites: Physical Geology GO-101 Fundamentals of Geology GO-100 or consent of instructor.

GO-521 Advanced Topics in Earth Science — 3 credits. The study, review, and discussion of current literature, classroom and laboratory demonstrations, teaching aids and preparation of field trips itineraries relative to geology, astronomy, meteorology, and oceanography. The course is designed to provide background knowledge, skills, and material resources that can be directly applied to increase the students’ capability to teach earth science in the elementary and secondary school. Prerequisite: Consent of instructor.

GO-597 Independent Study and Research — 1-4 credits. Field or library research project. Student may work on his own problem or select from a list provided by instructor. Weekly progress meetings, final report. Prerequisites: Physical Geology or Fundamentals of Geology and/or consent of instructor.

GS GENERAL SCIENCE

GS-501 History of Science — 3 credits. This is a survey of man’s efforts to understand the natural world. “Ancient Science” is presented as an introduction to the evolution of science since the 16th century. “Modern Science” is presented with emphasis on the development of modern scientific thought. Historical illustrations of the nature of scientific research in the evolution of science are presented. This course may be taken for either HY or GS Credit, but not for both.

HY HISTORY

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

HY 501 History of Science — 3 credits. (see GS 501 above)

M MATHEMATICS

M-503 Algebraic Systems — 3 credits. Number systems and other algebraic systems from a modern point of view. The emphasis will be on the concept of algebraic structures. Prerequisite: M-104. First semester.

M-504 Geometric Concepts — 3 credits. Informal geometry and topology. The emphasis will be on problem solving techniques and pattern recognition. Prerequisite: M-104. Second semester.
MU MUSIC

MU-571 Advanced Practices and Principles in Teaching Music in the Elementary School — 3 credits. The course is designed to extend the professional teacher's knowledge of teaching techniques and curricula of the elementary school classroom music program. Included will be problems in teaching elementary school music, the teaching of reading skills in music, the non-singer in the classroom, creative musical activities to be used in the classroom, new approaches to music education such as the Threshold to Music and Manhattanville Music Curriculum Program, and the survey of pertinent research relevant to the development of musicability in young children. Spring Semester. Prerequisites: Public School Music, MU-371, general or special experience in classroom teaching, or consent of instructor.

MU-572 Listening and Singing Experiences for the Elementary School — 3 credits. This course is designed to present in-depth experiences in musical works and songs which can be used in the elementary classroom. Phonograph recordings, music series books and films will be surveyed and examined for use in the classroom. New media approaches will be introduced for the building of concepts of music perception. Ways of integrating listening works with singing activities through a conceptual approach will be stressed. Also emphasized will be ways of correlating musical activities with the areas of literature, painting, sculpture and architecture. Student will be directly involved in teaching lessons within the class. Prerequisites: Public School Music, MU-371, experience in general or special classroom teaching, or consent of instructor. Fall Semester.

PS PHYSICAL SCIENCE

PS-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 will be discussed and demonstrated with emphasis on methods that can be used by elementary school students. Students will be expected to make one demonstration to present to the class during the course. Prerequisite: None.

TA THEATRE ARTS

TA-421g Theatre History — 3 credits. Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.  

TA-425g Theatre History — 3 credits. Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children's theatre production, selection and mounting of a script. Fall, Spring semesters.  

The following courses are intended to support the MBA program, and are offered at the expressed request of the School of Business.

M MATHEMATICS

M-561 Mathematics for Operations Research — 4 credits. An introduction to mathematical techniques commonly used to solve problems which call for a decision based on evaluation of several variables. Matrices, calculus, probability and statistics from the user's point of view. Solution of deterministic problems by linear and non-linear programming and the simplex method with emphasis on applications in management decision situations. Introductory dynamic programming as a method for solution of stochastically controlled systems. Prerequisite: Consent of instructor. Each semester.
Part V

School of Business
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, Merritt; Assistant Professors: Behling, Bradley, Maxson; Shannon; Instructor: Seader.

Department of Business Education and Office Administration:
Chairman and Professor: Dr. Marvin A. Clark; Professor: Cornwell; Associate Professors: Albertson, Brander, Johnson; Assistant Professors: Bounds, Manship, Williamson.

Department of Economics:
Chairman and Professor: Dr. Ellis W. Lamborn; Associate Professors: Billings, Hart, Mitchell, Payne; Assistant Professors: Asmus, Eastlake, Holley.

Department of Management and Finance:

Department of Marketing and Mid-Management:
Chairman and Professor: Dr. Duston R. Seidler; Professor: Young; Associate Professors: Godfrey, Knowlton, Lane; Instructor: Heist.

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

SPECIAL REQUIREMENTS AND OPTIONS
The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional liberal arts or science courses required for those degrees. (See pages 16-18 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 84 hours of credit to meet all requirements for the Bachelor's degree.

Transfer of Credits. In general, the School of Business shall limit transfer of credits for business courses which apply toward degree requirements to such courses as it offers at that level. In most cases, waiver of upper division level course requirements may be granted by departments which establish and administer tests to determine student competency in 200-300 level transfer courses before admission to upper division level courses.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.
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 courses will be placed on probation in relation to the department's honors program.

**ACCOUNTING MAJOR**

**Bachelor of Business Administration Program**

<table>
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<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
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<th>JUNIOR YEAR:</th>
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In addition to general university requirements, the following courses are required for an accounting major:

- Mathematics: (M105, M106) or (M112)
- Business Courses: GB101, EC201, EC202, GB207, DP210, MK301, GB301, GB302, FI303, EC303, EC305, OA238, MG301, MG401
- Accounting Courses: AC205, AC303, AC304, AC351, AC352, AC401, AC405, plus 6 hours of accounting electives.

(a) Tax Factors in Business Decisions may be taken to satisfy this requirement

(b) With the permission of the student's advisor, additional accounting courses or arts and science courses may be substituted.

(c) Students planning to sit for the Uniform CPA examination are advised to include AC402, AC440, AC470, AC482, and DP420 in their program.
SCHOOL OF BUSINESS  
Business Education  

INFORMATION SCIENCES MAJOR  
Bachelor of Business Administration Program  

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<td>Data Processing Applications (GB-4.66)</td>
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BUSINESS EDUCATION MAJOR  
(Basic Business Option)  
Bachelor of Business Administration Program  

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<td>Basic Marketing Management</td>
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<td>Secondary School Methods</td>
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* May be waived if advanced placement is granted because of prior work, but at least two credits of typing at the intermediate level or above is required.

74
### BUSINESS EDUCATION MAJOR
(Basic Business Option with Distributive Education Emphasis)

#### Bachelor of Business Administration Program

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<tr>
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<td>3</td>
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<tr>
<td>Business Math Machines</td>
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<td>General Psychology (Area II)</td>
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<td>Mathematics (Area III)</td>
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<td>Merchandise Analysis</td>
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#### Total Credits: 16

### BUSINESS EDUCATION MAJOR
(Shorthand Option)

#### Bachelor of Business Administration Program

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<td>General Psychology (Area II)</td>
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**May be waived if advanced placement is granted by prior work, but at least two credits of typing at the intermediate level or above is required.**
ECONOMICS MAJOR
Bachelor of Arts Program

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<td>Business Statistics</td>
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See page 16 for clarification of fields in B.A. degree. 
**Electives should be chosen mainly from upper division courses.

ECONOMICS MAJOR
Bachelor of Business Administration Degree

<table>
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<tr>
<th>FRESHMAN YEAR:</th>
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<td>Principles of Finance</td>
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<td>Non-Business Elective**</td>
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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 Student Teaching - 6 credits
   The additional 5 credits may be selected from classes found on page 77 of the BSC Bulletin. 

   Student teaching, TE-481, for Economics and other Social Science majors will be conducted during the second 8 weeks of the first semester of the student’s senior year. During the first 8 weeks of that semester the student may take several of the above required Education courses in a Concentrated Course Block (CCB). See page 177 of the BSC 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 BSC Bulletin page 76.

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

---

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 77 of the catalog).

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 BSC Bulletin 1975-76.
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 111 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
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6. Sufficient electives to complete a total of 128 Credit Hours of which 40 must be upper division.
**GENERAL BUSINESS**

**(with area of emphasis)**

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 area of emphasis in either Aviation Management, Public Relations or Real Estate, 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 area.

### FRESHMAN YEAR:

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<tr>
<th>Course</th>
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<td>General Psychology (Area I)</td>
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<td>Math (Area III)</td>
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<td>Fundamentals of Speech</td>
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16 17

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<td>Applied Business Communications</td>
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<td>Principles of Finance</td>
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<td>Price Theory</td>
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### SENIOR YEAR:

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17 17

### AREAS OF EMPHASIS

(Each General Business major chooses one option)

(a) **Aviation Management** *(Note 1)* — 15 credits chosen from Aviation Ground School, Private Pilot Flight Lab, Principles of Transportation, Airport Management and Airline-Air Cargo Management.


(c) **Real Estate** — 12 credits to include RE-201 Fundamentals of Real Estate; RE-331 Appraisal of Real Estate, and RE-332 Real Estate Finance; and 3 credits chosen from (1) Insurance, (2) Urban Economics, (3) Investment Management, (4) Principles of Salesmanship, (5) Tax Factors in Business Decisions, (6) Other Special Topics offerings in Real Estate.

(d) **General Business (no emphasis)** — See General Business Major, following.

### NOTE 1.

A student majoring in the Aviation Management emphasis in General Business may receive 6 semester hours of credit toward the degree if he already has possession of a private or commercial flying certificate in force at the time of application. These six credits would be assigned a grade of "S" and not counted in the computation of grade point average. Further, the student must be of senior standing and a candidate for a degree.

The individual student would file a written petition for the credit with photostatic copies of his private pilot's license, current medical certificate, and current Idaho state pilot's registration certificate.

Approval of the petition would be required of the flight program director, Chairman of the Department of Management and Finance and Dean of the School of Business.

The credits would be recorded as AV 101 and AV 121-122.

It is emphasized that such credits would apply only to a degree with the Aviation Management emphasis and not toward any other major in the university.

### GENERAL BUSINESS MAJOR

**(No area of emphasis)**

**Bachelor of Business Administration Program**

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<th>Course</th>
<th>1ST SEM.</th>
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<td>Math (Area III)</td>
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16 15

### SOPHOMORE YEAR:

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<td>Intro to Data Processing</td>
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# Bachelor of Business Administration Program

## INDUSTRIAL BUSINESS MAJOR

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### Production Option Electives
- Principles of Transportation
- Wage and Salary Administration
- Intro to Electrical Engineering
- Fluid Mechanics
- Labor Relations
- Price Theory
- Thermodynamics and Heat Transfer
- Mechanics of Materials

### Sales Option Electives
- Intermediate Marketing Management
- Advanced Marketing Management
- Promotion Management
- Applied Market Research
- Intro to Electrical Engineering
- Thermodynamics and Heat Transfer
## Bachelor of Business Administration Program

### Finance Major

**Behavorial Emphasis**

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### Management Major

**Finance Major**

**Behavioral Emphasis**

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**Finance Major**

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**Management Major**

**Finance Major**

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SCHOOL OF BUSINESS
Marketing

MARKETING MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:

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<td>3</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
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<tr>
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</table>

MARKETING CORE (12 hours):

Required for all Marketing Majors

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Salesmanship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Marketing Management</td>
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</tbody>
</table>

MARKETING ELECTIVES (12 hours):

Choose any four of the following courses.

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MK-306 Promotion Management</td>
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<tr>
<td>MK-307 Consumer Behavior</td>
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<tr>
<td>MK-415 Marketing Research</td>
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<td>MK-420 Applied Marketing Research</td>
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<td>MK-421 Sales Administration</td>
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<tr>
<td>MK-496 Independent Study or MK-493 Internship</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EC-317 International Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
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</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management*</td>
<td>3</td>
</tr>
<tr>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Price Theory</td>
<td>3</td>
</tr>
<tr>
<td>Income &amp; Employment Theory</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>Marketing Electives</td>
<td></td>
</tr>
<tr>
<td>Principles of Salesmanship</td>
<td>3</td>
</tr>
<tr>
<td>Electives**</td>
<td>3</td>
</tr>
<tr>
<td>18</td>
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SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
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</thead>
<tbody>
<tr>
<td>Intermediate Marketing Manage-</td>
<td>3</td>
</tr>
<tr>
<td>ment**</td>
<td></td>
</tr>
<tr>
<td>Advanced Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>Marketing Electives</td>
<td>3</td>
</tr>
<tr>
<td>Human Relations</td>
<td>3</td>
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<tr>
<td>Electives**</td>
<td>8</td>
</tr>
<tr>
<td>17</td>
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</table>

OFFICE ADMINISTRATION MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:

<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>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Beginning and Intermediate Typewriting*</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (Area III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>15</td>
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SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Beginning and Intermediate Shorthand*</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Fundamentals of Speech Communi-</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>cation*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Typewriting</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Word Proc-Mach Trans</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Electives (from 2 of 3 areas)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>18</td>
<td>16</td>
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JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
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</thead>
<tbody>
<tr>
<td>Principles of Economics (Area II)</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Shorthand and Secretarial</td>
<td>4</td>
</tr>
<tr>
<td>Transcription</td>
<td>3</td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>3</td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Upper Division Electives</td>
<td>3</td>
</tr>
<tr>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Records Preparation and Manage-</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ment**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative Office Procedures</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Office Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Human Relations</td>
<td>3</td>
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</tr>
<tr>
<td>U.D. Electives</td>
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<td></td>
</tr>
<tr>
<td>16</td>
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</tbody>
</table>

* May be waived if advanced placement is granted because of prior work.
## Fashion Merchandising - Mid-Management
### 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>Introduction to Business</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salesmanship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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### Sophomore Year
<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fashion Analysis and Design</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Speech Communication</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Retail Buying</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Report Writing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Retailing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Visual Merchandising</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Supervision of Personnel</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
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<tr>
<td><strong>Total</strong></td>
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<td>16</td>
</tr>
</tbody>
</table>

*Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

**For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the Business Department of Marketing/Mid-Management.

## Office Systems
### 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>Introduction to Business</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Salesmanship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Merchandising Analysis</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Elements of Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Professional Speech-Communication</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
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### Sophomore Year
<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area II Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Advanced Typing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fund. Speech-Communication</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>OA Electives</td>
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<td>2</td>
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<tr>
<td>Admin. Office Procedures</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Word Processing, Mach. Trans.</td>
<td></td>
<td>2</td>
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<tr>
<td>Electives</td>
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</tr>
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<td><strong>Total</strong></td>
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</table>

*May be waived if advanced placement is granted because of prior work.

## Secretarial 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>Introduction to Business</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Beginning Shorthand*</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Advanced Typing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Records Prep. &amp; Mgmt. OA - 309</td>
<td></td>
<td>2</td>
</tr>
<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 OA - 310</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Word Processing, Mag. Keyboarding</td>
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<tr>
<td>OA Electives</td>
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<td><strong>Total</strong></td>
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### Sophomore Year
<table>
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<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
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</thead>
<tbody>
<tr>
<td>Principles of Accounting</td>
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<tr>
<td>Economics</td>
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<td></td>
</tr>
<tr>
<td>Area II Elective</td>
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<td></td>
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<tr>
<td>Advanced Shorthand</td>
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<td></td>
</tr>
<tr>
<td>Advanced Typing</td>
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<td></td>
</tr>
<tr>
<td>Records Prep. &amp; Mgmt. OA - 309</td>
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</tr>
<tr>
<td>Area II Elective</td>
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<td>3</td>
</tr>
<tr>
<td>Secretarial Transcription</td>
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<td>4</td>
</tr>
<tr>
<td>Administrative Office Procedures OA - 310</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the Business Department of Marketing/Mid-Management.

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AC ACCOUNTING

Lower Division

Introduction to Financial Accounting (3 credits). (Each semester) (Previously AC 101.) This course is designed to introduce the student to the field of contemporary financial accounting as practiced in the United States. The student will study the use of and need for financial statements in the business community. An understanding of financial statements will be accomplished by studying 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 knowledge 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.

Introduction to Managerial Accounting (3 credits). (Each semester). (Previously AC 204.) This course is designed to introduce the non accounting major to 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 of manufactured inventories and standard costing with related variance analysis. The student will receive an introduction to contemporary managerial accounting tools such as capital budgeting, cost-volume-profit analysis, control of inventory, and the impact of income taxes on decision making. This course is not recommended for degree credit by accounting majors. Prerequisite: AC 205.

AC 305/306 Intermediate Accounting (3 credits). (Previously AC 201-202.) A rapid review of the principles and procedures followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement of profit and loss. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive balance sheet statements, development of special reports, ratios and other analyses. Prerequisite: AC 205 or the equivalent. Each semester.

Administrative Accounting (3 credits). A one-semester course designed primarily for students working toward a degree in General Business, Management, Marketing, and Finance. Emphasis is on the use of accounting data for internal management decisions including an introduction to such areas as funds accounting, cost accounting, cost-volume-profit analysis, budgeting, cost and value of information models, and the influence of taxes on business decisions. Attention is also given to the analysis and interpretation of financial data. This course is not a substitute for AC 351 in the accounting program and may not be submitted for degree credit by accounting majors. Prerequisite: AC 205-206. Each semester.

Tax Factors in Business Decisions (3 credits). A general introduction for students and businessmen who, while not tax specialists, need an awareness of the impact of federal income taxes on business decisions. This course will explore the areas of federal income, estate and gift tax laws as they affect business operating and financing decisions. Degree credit will not be allowed for both AC 320 and AC 401. Prerequisite: AC 205. Each semester.

Cost Accounting (3 credits). (Previously AC 301.) Theory of cost accounting and cost control, including job order, process, direct and standard costs, budgeting and cost analysis, and closeout analysis. Emphasis on cost determination as a tool of management. Prerequisite: AC 205. Each semester.

Managerial Accounting (3 credits). A study of the development and uses of internal accounting information in management, planning, control, and decision processes. Topics include cost-volume-profit relationships, behavioral implications, computer applications, and analytical methods such as gross profit, break-even, and incremental cost analysis. Prerequisite: AC 351. Each semester.

Governmental Accounting (3 credits). (Previously AC 302.) A study of the accounting principles applicable to institutions, non-profit agencies, governmental units, and political subdivisions. The supporting theory procedures, legal and reporting requirements, budgeting, and cost-benefit analyses are considered. Prerequisite: AC 205. Fall semester.

Principles of Income Taxation (3 credits). (Previously Individual Income Tax.) The theory and application of Federal income tax laws to corporations organized for profit, and an introduction to partnership, trust, estate and gift taxation. Prerequisites: AC 304 and either AC 320 or AC 401. Spring semester.

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 partnership, trust, estate and gift taxation. Prerequisites: AC 304 and either AC 320 or AC 401. Spring semester.

Systems Analysis and Design (3 credits). Concepts and techniques of the design of information systems. Topics include Systems Theory, Data Collection, Classification, Transmission, and Display; On-line Systems and Time Sharing. Course identical to DP 420. Credit may not be earned for both courses. DP 420 and AC 420. Prerequisites: DP 210 and AC 205. Spring semester.

Accounting Theory (3 credits). A specialized course to provide a frame of reference for advanced accounting students in theory of income in asset valuation, and an understanding of accounting thought. Recommended for those students planning on the CPA examination. May be taken for graduate credit. Prerequisite: AC 304. Spring semester.

450 Data Processing for the Accountant (3 credits). A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer will be used as the problem solving tool in the three above mentioned areas. Prerequisites: AC 405 and DP 210. Spring semester.

Advanced Accounting (3 credits). Covers accounting problems and techniques for accountants employed by businesses. The determination of consolidated income, consolidated financial position, and the preparation of consolidated financial statements. Also covers accounting problems of home office — branch operations, partnerships, and consignments. Prerequisites: AC 304 and AC 351. Fall semester.

C.P.A. Review (6 credits). An indepth consideration of the more complex accounting principles and procedures taught in the undergraduate level. This course is designed to assist the student in preparing for the Certified Public Accountant examination. Prerequisites: AC 332, AC 409, AC 470 and AC 440, or consent of instructor. Each semester.

AVIATION MANAGEMENT

Upper Division

Aviation Ground School (3 credits). Survey of basic aeronautics, meteorology, navigation, and Federal Aviation Agency regulations. At termination, the student will take the FAA Private Pilot examination. An orientation of the historical development of aviation and the development of scientific laws and basic flight. Either semester.

Private Pilot Flight Laboratory (2 credits). Exceeds the minimum flight-hours necessary to satisfy the FAA for completion of the private pilot certificate. Students must have logged a minimum of 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 121 and successful completion of FAA written examination for Private Pilot Certificate. Either semester.

Commercial Pilot Ground School (3 credits). The study of weather, navigation aids, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. Prerequisite: Private Pilot Certificate. Each semester.

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, reservation and maintenance of public facilities. Prerequisite: AC 205. Fall semester.

Airline and Air Cargo Management (3 credits). The management of functions 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 airline management. Spring semester.

* Flight lab fees in addition to other tuition and fees will be charged.

BE BUSINESS EDUCATION

Upper Division

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.

Methods and Materials in Distributive Education (2 credits). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Fall semester.

Business Curriculum and Problems (3 credits). A seminar type class dealing with curriculum problems and career placement of business teachers in the fields of curriculum, research, and career content. Individual research and presentation is emphasized. Spring semester.


Administration and Coordination of Cooperative Programs (3 credits). Selection, guidance, placement, and follow-up of students in training stations. Fall semester.

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.

DP DATA PROCESSING

Lower Division

Introduction to Data Processing (3 credits). (Previously DP 311) A general interest course to acquaint business students with the fundamentals and principles upon which data processing is based. The logic and reasoning of programming as applied to business education. Fall semester.

Programming Techniques (3 credits). A survey of programming systems used in data processing and an introduction to the latest computer systems. Coverage of general concepts, logic and techniques of computer programming including flow charting, input, processing and output. Prerequisite: DP 210 or equivalent. Each semester.

Upper Division

320 Programming Techniques (3 credits). A survey of programming systems used in data processing and an introduction to the latest computer systems. Coverage of general concepts, logic and techniques of computer programming including flow charting, input, processing and output. Prerequisite: DP 210 or equivalent. Each semester.
Upper Division

303 Principles of Finance (3 credits). (Previously FI 301-Corporate Finance). A basic survey course of fundamental concepts and techniques of the three major areas of finance — Corporate, Institutional, and Investments and their interrelationships. Prerequisites: AC 206, 208, EC 202, GB 207. Each semester.

326 Corporate Financial Management (3 credits). (Previously FI 425). A study of American corporations, their methods of capitalization, control, consolidation, and growth, with emphasis on the financial management problems of business enterprises. Prerequisite: AC 208. Recommended. Fall 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. Analyzes the management techniques and problems of investment banks, commercial banks, mortgage banks, savings and loan associations, insurance companies, pension funds, and other financial institutions. Prerequisite: AC 208. Recommended. Fall semester.

446 Case Problems in Financial Management (3 credits). (Previously FI 345). Analysis of selected case problems in financial management of the firm, including short- and long-term financial requirements, trade credit and analysis, special media of finance, capital budgeting and profit analysis. Prerequisites: FI 303 and FI 325. Spring semester.

GB GENERAL BUSINESS

Upper Division


306 Business Statistics (3 credits). The areas to be covered include concentration in hypothesis testing, time series analysis, index numbers, forecasting regression and correlation analysis and analysis of variance. The major emphasis in this course is on the business applications of these statistical tools, rather than the mathematical computations and/or derivations and proofs. Programming Systems, Fortran IV will be included. Prerequisite: GB 207. Spring semester.

326 Principles of Transportation (3 credits). Economics of transportation services and rates. History and pattern of regulations. Explanations of various forms in common use in freight and passenger transportation and an introduction to governmental controls and service and management problems of industrial traffic managers. Spring semester.

340 Labor Relations (3 credits). A comprehensive study of the negotiation and administration of today’s labor-management issues. Presents the historical, structural, and legal environment and examines the contents of labor contracts. Emphasis is placed on the basic phases of labor relations and how they affect American business. Fall semester.

441 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. May be taken for graduate credit.

421G-Fall 422G Spring

FL FINANCE

Lower Division

107 Personal Finance (3 credits). Aid in meeting the growing complexity of finance as the consumer encounters it. How to avoid financial entanglements, installment buying, borrowing money, saving, investing, renting a home, investing and speculating in securities, everyday legal problems dealing with illness, death, personal taxes, family budgets, check writing, and financial planning. Either semester.

108 Stocks and Bonds (2 credits). Elementary security analysis: sources of investment information; how to evaluate an investment. Prerequisite: AC 208. New York Stock Exchange; characteristics of various types of bonds and stocks; economic, industrial, and company factors affecting an investment program; brokerage office and floor procedures, economic factors relating to the role of venture capital in our economic system; procedures used in incorporating and underwriting; study of balance sheets and income statements. Either semester.

421G-Fall 422G Spring
SCHOOL OF BUSINESS
Courses MG, MK, MM, RE

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. Either semester.

486 Quantitative Analysis for Business Decisions (3 credits). Quantitative techniques including normal distribution and other related probability distributions as applied to sampling theory and quality control. Also includes discussions of payoff tables. Prerequisite: MG 301. Spring semester.

MG MANAGEMENT

Upper Division

301 Principles of Management (3 credits). Basic functions and principles of management relating to the relationships between workers and management; the planning, organizing, and controlling of personnel decisions; making procedures and techniques. 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 approaches to the personnel function are examined and compared. Either semester.

308 Wage and Salary Administration (3 credits). Involves the installation and administration of a comprehensive Wage and Salary Program, including objectives, policies, organization, control, and evaluation. Emphasis will be placed on the techniques of winning and maintaining acceptance of the total Wage and Salary Program. Prerequisite: MG-301.

437 Production Decisions and Controls (3 credits). Decision making in production planning, types of decisions and variables involved, possibilities for quantification of variables, criteria for decisions, methods of analysis, and application. The application of modern analysis in the solution of practical production problems. Prerequisite: MG-301.

439 Business Policies (3 credits). The utilization of complex situational cases, role playing, in-depth research, and a business simulation exercise to achieve integration of management principles. Emphasis is on interpersonal relations, leadership styles, employee motivation techniques and staff functions. Business, government, and institutional approaches to the personnel function are examined and compared. Either semester.

466 Quantitative Analysis for Business Decisions (3 credits). Quantitative techniques including normal distribution and other related probability distributions as applied to sampling theory and quality control. Also includes discussions of payoff tables. Prerequisite: MG 301. Spring semester.

MM MARKETING
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 hour 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. Analysis of customer behavior and motivation; methods of creating customer attention, interest, desire and action. Either semester.

102 Merchandise Analysis (3 credits). A study dealing with what the product is and what the product does for the customer. Provides methods and practice in obtaining product information used by buyers, sales people, and advertising personnel. Major classes of textiles and non textiles are surveyed. Spring semester.

105 Elements of Management (3 credits). A study of the functions of business management including planning, directing, and controlling. Special consideration is given to the concept of organizational authority and responsibility. Either semester.

201 Introduction to Marketing (3 credits). The study of activities by which goods and services flow from the producer to the ultimate consumer. This study includes methods, policies, and evaluation of the various marketing institutions according to the function performed. Fall semester.

202 Principles of Retailing (3 credits). Comparison of small and large scale retailers. Problems of store ownership, organization, location, equipment, merchandising, planning and control. Expense and cost reduction and sales promotion are considered. Spring semester.

203 Visual Merchandising (3 credits). Emphasis on the development of visual merchandising techniques and the use of visual merchandising as a part of retail strategy. Special emphasis is given to the use of light, color, and display. Preparation of copy, illustrations, layout and display. Guest lecturers from the local Retail Assn. will be used. Fall semester.

206 Supervision of Personnel (3 credits). Economics of supervision, social and philosophical implications, training functions of the supervisor, individual and organizational needs in regard to human relations are major points of study. Spring semester.

209 Report Writing (3 credits). Preparation of reports for business situations. Emphasis is placed on the actual production 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.

216 Retail Buying (3 credits). Considers the buyer's duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand. Fall semester.

RE REAL ESTATE

Lower Division

201 Fundamentals of Real Estate (3 credits). Essentials of real estate practice, listings, sales, financing, land descriptions, real estate investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. Either semester.

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 and methods of underwriting are considered. Either semester.

331 Appraisal of Real Estate (3 credits). (Previously GB 331). The nature, purpose, and functions of appraising, appraising as a profession, the nature of real property values, the appraisal process and economic trends. The techniques involved in determining the value of real estate. Prerequisite: RE 201. Either semester.

332 Real Estate Investment and Finance (3 credits). (Previously GB 332). Financial analysis of the investment process and examination of the intricacies of the real estate mortgage markets, the source of mortgage funds, instruments of mortgage debt. Governmental and government regulations, the lending decision, management of portfolio risk, and financing of specific types of real property. Prerequisite: RE 201. Either semester.
OA OFFICE ADMINISTRATION

Lower Division

101 Beginning Shorthand (4 credits). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing, skill, vocabulary development. Credit will not be given to students who have completed one or more years of shorthand in high school. Recommended credit or current enrollment in OA-238. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Both semesters.

102 Intermediate 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 one or more 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 and good decision making, oral communication and case analysis. Either semester.

116 Business Mathematics-Machines (3 credits). Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentages, interest, discounts, mark-up, installment buying, depreciation, and graphs are considered, as well as some interpretation of financial papers. The student receives instruction on the use of a ten-key, punching 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.

201 Advanced Shorthand (4 credits). Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OA-121 or advanced placement from high school work. Either semester.

206 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 typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA-107 or advanced placement from high school work. Either semester.

213 Word Processing, Machines Transcription (2 credits). A course stressing the operation and knowledge of transcribing machines. The development of speed and accuracy in machine transcription is emphasized by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. Prerequisite: OA-209. Both semesters.

215 Word Processing, Mag. Keyboarding (1 credit). Recording data electronically while producing typewritten copy. Power typing and revision applications will be used. Prerequisite: OA-209. Both semesters.

219 Editing for Word Processing (1 credit). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting, and editing. Prerequisites: Grade of C or higher is recommended in 206, 207, and 209. Either semester.

221 Secretarial Transcription (4 credits). Advanced instruction in office transcription. Opportunities for special transcription practice of a medical or legal nature may be provided. Prerequisite: OA-201. Spring semester.

238 Applied Business Communications (3 credits). A course designed to emphasize the building of a foundation in effective business writing principles. The effectiveness and the correctness of writing and the psychology of letter writing will be emphasized through the preparation of a variety of business letters. Both semesters.

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 marking, 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, pasting up, dark room techniques, stripping, plate making, and bindery work. Both semesters.

Upper Division

309 Records Preparation and Management (3 credits). Creation, processing, maintenance, protection and destruction of business records. These topics will be covered both from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed. 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.

322 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 writing problems and decision-making in business report writing. Prerequisite: OA-238. Either semester.

SCHOOL OF BUSINESS

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. Since these students are pursuing graduate education concurrently with their employment, most of them will enter the program because either their present or future positions will require increased managerial competence.

The MBA curriculum at Boise State emphasizes the traditional MBA approach of development of managerial generalists, with a common body of functional knowledge given to all students. There is no area of emphasis or major available, but once a student satisfies the functional core of courses, free electives to achieve a minor degree of concentration are possible. The student's program development is assisted by an assigned advisor from the School of Business graduate faculty. It is intended that the required core, the free electives, and the mutual agreement of student and advisor relative to total program design will meet the needs of industry and the student.

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 or all of these requirements as part of their undergraduate program. Since, however, the Master of Business Administration program is also designed to serve the student who has completed his bachelor's degree in non-business fields such as the sciences, engineering, the liberal arts, the student must demonstrate proficiency in the prerequisite courses listed below. These prerequisites may be fulfilled by satisfactory completion of course work in these areas, or by successfully passing the appropriate CLEP examination.

SPECIFIC PREREQUISITES FOR APPLICANTS

All applicants must meet the following undergraduate requirements or must fulfill these requirements prior to enrollment in MBA classes.

(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 ATGSB score must equal 1000 minimum
- 200 X junior/senior GPA plus ATGSB 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.

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SCHOOL OF BUSINESS
MBA

*(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 (to include programming)

* 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 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 need 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 may substitute any free elective in its place. Advisors should be consulted regarding those courses.

Under certain conditions with the approval of the assigned advisor and the department chairman concerned, MBA students may earn up to a 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 Quantitative Methods for Business Decisions (3 credits). Quantitative techniques intended to familiarize the student with business applications of statistical methods as applied to decision making under uncertainty and risk. Includes probability models, inventory control models, management models, marketing surveys and capital budgeting models, regression analysis, analysis of variance and sampling techniques. The MBA student who feels weak in the mathematics area is advised that M601 (Math for Operations Research) is available to refresh and prepare for MB-6042.

*619 Marketing Analysis (3 credits). A course designed to familiarize the student and practical applications of marketing strategies as they apply to pricing, marketing concepts are examined. Prerequisite: 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.

*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.

*640 Organization Theory (3 credits). Problems of organization dynamics and behavioral science research findings and their application to business organizations.
Part VI

School of Education
Center for Counseling, Guidance and Testing:
Director and Professor: Dr. David P. Torbet; Associate Professors: Callao, Dodson. Assistant Professor: Delauver. Instructor: Arendia.

Department of Health, Physical Education and Recreation:
Chairman and Professor: Dr. Gene Cooper; Professor: Smith; Associate Professor: B. Bowman. Assistant Professors: P. Bowman, Boyles, Connor, Holman, Jacoby, Jones, Lewis, Thangren, Vaughn, Young. Instructors: Fahleson, Wallace.

Department of Athletics
Director: Mr. Lyle Smith; Assistant Director: Stephensson. Coaching Staff: Buratto, Cruickshank, Connor, Golden, Jacoby, Knap, Montgomery, Nickel, Owen, Rica, Sargent, Vaughn, Young.

Department of Psychology:
Chairman and Professor: Dr. John L. Phillips, Jr.; Professors: Sickle, Smith, Associate Professors: Barsness, Heacock, Ison, Snow, Thurber, Wilkinson; Assistant Professor: Steger.

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).

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.

Transfers who have completed an equivalent course in Foundations at another institution will secure the application for admission from the Associate Dean's office. The form is entitled, "Admission to the School of Education."
5. Satisfactory completion of an observation and teacher assistant experience in a public or non-public elementary or secondary school. This experience is a part of the course work in TE 201, Foundations of Education, given in the sophomore year. Transfer students who have completed Foundations of Education will be required to have this experience. The intent of the requirement is to provide an opportunity for potential teachers to verify a desire to work with students in a school situation. Variations in the type of experience acceptable to the School of Education are to be approved by the chairman of the Department of Teacher Education.

Admission to Student Teaching and General Policies

A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education by March 1 of the junior year. Application forms may be secured from the Office of the Coordinator of Field Services.

B. General requirements for admission to student teaching for elementary or secondary candidates include:

1. Elementary Major
   a. Admission to the School of Education
   b. Recommendation by the faculty advisor or department chairman.
   c. A cumulative grade point average of 2.25.
   d. Elementary Curriculum and Methods, TE-351 and TE-352 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-351 (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

g. Sufficient credit hours in the assigned teaching area.

NOTE: Secondary certification requires a composite of 45 semester credit hours in a major teaching field or 30 semester credit hours in the major teaching field and 20 semester credit hours in a minor teaching field. Hence, student teachers should be within approximately six hours of the above certification requirements.

C. Student teachers are expected to do responsible teaching, participate in co-curricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their university supervisors.

D. Students who transfer to Boise State University must meet admission requirements for School of Education and student teaching and complete at least 6-9 semester hours at the institution before being placed in student teaching.

SCHOOL OF EDUCATION
Elementary Education

ELEMENTARY EDUCATION

Students preparing to teach in the elementary grades will major in Elementary Education and complete a program of studies approved by the Chairman of the Department of Teacher Education and consisting of general and professional education courses.

Requirements for the Bachelor of Arts in Elementary Education:

1. General College graduation requirements to include:
   a. Mathematics for Elementary Teachers
   b. English Composition 101 and 102
   c. Laboratory Science to include both Biological and Physical Science or Earth Sciences
   d. History of Western Civilization
   e. U.S. History
   f. Federal Government
   g. General Psychology
   h. Child Psychology
   i. Geography
   j. Social Science chosen from: Economics, Sociology or Anthropology
   k. Humanities or Introduction to Art, or Music or Drama
   l. Music Fundamentals
   m. Literature

2. Professional education requirements:
   a. Elementary School Physical Education Methods
   b. Elementary Music Methods
   c. Elementary School Art Methods
   d. Elementary School Drama Methods
   e. Elementary School Social Studies Methods
   f. Elementary School Library Science
   g. Elementary School Art
   h. Elementary School Music
   i. Elementary School Science
   j. Elementary Student Teaching
   k. Foundations of Education
   l. Speech Communications for Teachers

Bachelor of Arts
(Suggested Program)

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science (Biological or Physical Science)</td>
<td>4</td>
</tr>
<tr>
<td>History of Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
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<tr>
<td>Physical Education Activities</td>
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<tr>
<td>Electives</td>
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<td><strong>Total</strong></td>
<td>16</td>
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SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Introduction to Humanities or (two of the following): Introduction to Music, Introduction to Art, Introduction to Drama</td>
<td>3</td>
</tr>
<tr>
<td>Second Laboratory Science</td>
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</tr>
<tr>
<td>Fundamentals of Math for Elementary Teachers</td>
<td>3</td>
</tr>
<tr>
<td>Survey of American Literature</td>
<td>4</td>
</tr>
<tr>
<td>U.S. History</td>
<td>3</td>
</tr>
<tr>
<td>Geography</td>
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<td>Foundations of Education</td>
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<tr>
<td>Electives</td>
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<td><strong>Total</strong></td>
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**SCHOOL OF EDUCATION**

**Secondary Education**

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<th>JUNIOR YEAR:</th>
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<tr>
<td>Literature</td>
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<td>3</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
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</tr>
<tr>
<td>Child Psychology</td>
<td>3</td>
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<tr>
<td>Educational Psychology</td>
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<tr>
<td>Elementary School Physical Education</td>
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<tr>
<td>Social Science Elective (Economics, Sociology or Anthropology)</td>
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<tr>
<td>Music Fundamentals</td>
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<td>Public School Music</td>
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<td>Children's Literature</td>
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<td>Electives (Upper Division)</td>
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16 16

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<th>SENIOR YEAR:</th>
<th>1ST SEM.</th>
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<td>Audio Visual Aids</td>
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<td>Elementary School Art Methods</td>
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<td>Elementary Curriculum and Methods</td>
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<td>Elementary School Student Teaching</td>
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<td>Electives (Upper Division)</td>
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<td>5</td>
</tr>
</tbody>
</table>

15 18

Students from Boise State College will be recommended for an elementary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of the Bachelor of Arts degree in Elementary Education.

2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.

3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

**NOTE:** Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.

### SECONDARY EDUCATION

The Department of Teacher Education serves as consultant in the establishment of "secondary education options" within each of several subject-matter areas. (See the Secondary Certification Options in the School of Business; the School of Arts and Sciences; and the Physical Education Department in the School of Education.) The Department of Teacher Education does not offer degrees "in secondary education."

Students preparing to teach in junior or senior high school should major in the subject-matter fields in which they plan to teach. Each student must complete the required professional education courses and the necessary subject matter major under the direction of an advisor in his major department.

#### Certification Requirements for Secondary Education

Students from Boise State 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 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 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 Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE-201</td>
<td>Foundations of Education</td>
<td>3 credits</td>
</tr>
<tr>
<td>P-312</td>
<td>Adolescent Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>P-325</td>
<td>Educational Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>TE-371</td>
<td>Guidance for the Classroom Teacher</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR-351</td>
<td>Secondary School Art Methods</td>
<td>3 credits</td>
</tr>
<tr>
<td>BE-401</td>
<td>Methods in Business Education</td>
<td>3 credits</td>
</tr>
<tr>
<td>BE-421</td>
<td>Business Curriculum and Problems</td>
<td>3 credits</td>
</tr>
<tr>
<td>E-301</td>
<td>Teaching English Comp.</td>
<td>3 credits</td>
</tr>
<tr>
<td>E-381</td>
<td>Methods of Teaching</td>
<td>3 credits</td>
</tr>
<tr>
<td>M-490</td>
<td>Mathematics in Secondary Schools</td>
<td>3 credits</td>
</tr>
<tr>
<td>MU-257</td>
<td>String Instrumental Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU-268</td>
<td>Woodwind Instrumental Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU-368</td>
<td>Percussion Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU-369</td>
<td>Brass Instrumental Techniques and Methods</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU-371</td>
<td>Public School Music</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU-385</td>
<td>Choral Methods and Materials</td>
<td>2 credits</td>
</tr>
<tr>
<td>PE-425</td>
<td>Problems in Physical Education</td>
<td>2 credits</td>
</tr>
<tr>
<td>CM-311</td>
<td>Speech Communication for Teachers</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM-401</td>
<td>Methods of Teaching</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Each certified secondary school teacher must complete one of the following options:

1. A major teaching field of at least 30 semester credit hours, and a minor teaching field of at least 20 semester credit hours.

   (OR)

2. A single teaching field of at least 46 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.

Driver Education
Any 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.
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 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 1975-76 — 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 and English majors will student teach the third nine weeks block (first nine weeks of second semester); the fourth block of nine weeks will service all science, music, art, speech and drama, and foreign language majors for the student teaching assignment. Permission for any deviation to the above placement of major fields must be granted by the Chairman of the Department of Teacher Education.

Concentrated Course Blocks And Student Teaching 1975-76 — 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)
Audio-Visual Aids. 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)
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Speech Communication for Teachers. CM-311 (3)
Business Curriculum and Problems, BE-421 (3)
Secondary School Methods, TE-381 (3)
Note: BE-401 Methods in Business Education (3) is to be taken the semester preceding student teaching.

Communications (Speech)
Student Teaching No. 4 (6 credits) CCB No. 3
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)
SCHOOL OF EDUCATION

Student Teaching

English
Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices:
- Audio-Visual Aids, TE-356 (2)
- Educational Psychology, P-325 (3)
- Speech Communication for Teachers, CM-311 (3)
- Secondary School Methods, TE-381 (3)

Note: E-318 Methods of Teaching Secondary School English (3) is to be taken the semester preceding student teaching.

Foreign Languages
Student Teaching No. 4 (6 credits) CCB No. 3

CCB Choices:
- Audio-Visual Aids, TE-356 (2)
- Educational Psychology, P-325 (3)
- Secondary School Methods, TE-381 (3)

History
Student Teaching No. 2 (6 credits) CCB No. 1

CCB Choices:
- Audio-Visual Aids, 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:
- Audio-Visual Aids, TE-356 (2)
- Educational Psychology, P-325 (3)
- Speech Communication for Teachers, CM-311 (3)
- Secondary School Methods, TE-381 (3)
- Foundations of Geometry, M-311 (3)
- Mathematics in Secondary Schools, M-490 (3)

Music
Student Teaching No. 3 (6 credits) CCB No. 4

CCB Choices:
- Audio-Visual Aids, 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)
- Audio-Visual Aids, 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)
- Audio-Visual Aids, 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)
- Audio-Visual Aids, 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-463 Teaching Strategies 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 selec-
tion, 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:

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Use of Libraries</td>
<td>2</td>
</tr>
<tr>
<td>Library Organization and Administration</td>
<td>3</td>
</tr>
<tr>
<td>Reference and Bibliography</td>
<td>3</td>
</tr>
<tr>
<td>Basic Book Selection</td>
<td>3</td>
</tr>
<tr>
<td>Cataloging and Classification</td>
<td>3</td>
</tr>
<tr>
<td>*Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>Audio Visual Aids in Education</td>
<td>2</td>
</tr>
<tr>
<td>Literature for the Adolescent</td>
<td>3</td>
</tr>
</tbody>
</table>

Special Education

Students may enroll in a planned program that will provide for interim (entry) certification in the areas of Learning Disabilities and Mental Retardation. The Elementary Education major, or the Secondary Option, should plan the program with the assistance of the advisor and the consultant in Special Education. Some course may be included in both the Elementary Education sequence and the Special Education sequence. A minimum of 21 hours, as designated herein, is required for each specialty.

A. Learning Disabilities

1. Required Courses (total of 17 credit hours)
   a. TE-391 Psychology of the Exceptional Child - 3 credits.
   b. TE-392 Education of the Exceptional Child - 3 credits.
   c. TE-430 The Diagnosis of Learning Disabilities - 3 credits.
   d. TE-431 The Remediation of Learning Disabilities - 3 credits.
   e. Students must complete TE-472 in a Mental Retardation classroom - 5 credits.

2. Elective Courses (minimum of 4 credit hours)
   a. PE-357 Rhythms for Kindergarten, Special Education and Elementary Education Teacher - 2 credits.
   b. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
   c. TE-371 Guidance for the Classroom Teacher - 3 credits.
   d. TE-440 Instructional Materials for the Exceptional Child - 3 credits.
   e. TE-358 Corrective Reading in the Elementary School - 3 credits.
   f. TE-462 Curriculum in Early Childhood Education - 3 credits.
   g. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.
   h. Independent Study - 3 credits.

B. Mental Retardation

1. Required Courses (total of 17 credit hours)
   a. TE-391 Psychology of the Exceptional Child - 3 credits.
   b. TE-392 Education of the Exceptional Child - 3 credits.
   c. TE-420 Curriculum for the Mentally Retarded Child - 3 credits.
   d. TE-421 Teaching Strategies for the Mentally Retarded Child - 3 credits.
   e. Students must complete TE-472 in a Mental Retardation classroom - 5 credits.

2. Elective Courses (minimum of 4 credits)
   a. PE-357 Rhythms for Kindergarten, Special Education and Elementary Education Teacher - 2 credits.
   b. PE-359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers - 2 credits.
   c. TE-371 Guidance for the Classroom Teacher - 3 credits.
   d. TE-440 Instructional Materials for the Exceptional Child - 3 credits.
   e. TE-358 Corrective Reading in the Elementary School - 3 credits.
   f. TE-462 Curriculum in Early Childhood Education - 3 credits.
   g. TE-463 Teaching Strategies in Early Childhood Education - 3 credits.
   h. Independent Study - 3 credits.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

PHYSICAL EDUCATION

The Department of Health, Physical Education and Recreation offers a major with specialization in secondary school physical education and minors in secondary school physical education and athletic coaching. In addition, courses are offered in Health, Recreation, Elementary School Physical Education and Physical Education for Special Education Teachers. Students who complete the major program are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho.

The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural program offered by the department.

Elective Physical Education Activity Program:

EIGHT SEMESTER HOURS OF PHYSICAL EDUCATION ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

The elective 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 rhythmic and creative activities.
3. To develop an understanding of self through movement experiences.

*For all Elementary Education Majors.
SCHOOL OF EDUCATION
Physical Education

4. To acquire knowledge and understanding of the rules,
courtesies, customs, strategies, and techniques of sev-
eral sports.
5. To improve social competency and emotional stability
through participation in sports activities. The elective
program includes beginning level activities and interme-
adiate/advanced level activities. No courses may be re-
peated for credit.

Elective activities are: Beginning Swim, Intermediate/-
Advanced Swim, Self-Defense, Intermediate/Advanced Self-
Defense, Badminton, Intermediate/Advanced Badminton,
Volleyball, Intermediate/Advanced Volleyball, Basketball,
Intermediate/Advanced Basketball, Tennis, Intermediate/Ad-
vanced Tennis, Field Hockey, Intermediate/Advanced Field
Hockey, Softball, Soccer, Intermediate/Advanced Soccer, Judo,
Intermediate/Advanced Judo, Archery, Intermediate/Ad-
vanced Archery, Golf, Intermediate/Advanced Golf, Track and Field,
Handball and Court Games, Recreational Dance, Activities for
Fitness, Folk and Square Dance, Modern Dance, Bowling, In-
termediate/Advanced Bowling, Skiing and Mountaineering,
Defensive Tactics, Touch Football, Fencing, Intermediate/-
Advanced Fencing, Water Polo, Springboard Diving, Scuba Diving,
Backpacking and Camping, Karate, Fly Casting and Fly
Tieing.

REQUIREMENTS FOR
PHYSICAL EDUCATION MAJOR
Bachelor of Science Degree

<table>
<thead>
<tr>
<th>I. Physical Education Major (Secondary Education Option)</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. General University and Degree Requirements ...........</td>
<td>3 or 6</td>
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<tr>
<td>English Comp .............................................</td>
<td>3 or 6</td>
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<td>B. Area I Requirements ....................................</td>
<td>12</td>
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<tr>
<td>(Three fields must be represented) .........................</td>
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<td>C. Area II Requirements ...................................</td>
<td>12</td>
</tr>
<tr>
<td>General Psychology ........................................</td>
<td>3</td>
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<tr>
<td>Communications ..........................................</td>
<td>3</td>
</tr>
<tr>
<td>Area II Electives .........................................</td>
<td>6</td>
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<tr>
<td>D. Area III Requirements ..................................</td>
<td>13</td>
</tr>
<tr>
<td>Concepts of Biology .......................................</td>
<td>4</td>
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<tr>
<td>Foundations of Physical Science ..........................</td>
<td>4</td>
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<tr>
<td>Human Anatomy and Physiology .............................</td>
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<tr>
<td>E. Additional Credits chosen from Area II and / or III ..</td>
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<tr>
<td>F. Physical Education Requirements .........................</td>
<td>41</td>
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<tr>
<td>Introduction to Physical Education .......................</td>
<td>1</td>
</tr>
<tr>
<td>First Aid, Health, and Safety ............................</td>
<td>2</td>
</tr>
<tr>
<td>Foundations of Physical Education .......................</td>
<td>3</td>
</tr>
<tr>
<td>Tests and Measurements ....................................</td>
<td>2</td>
</tr>
<tr>
<td>Methods for Teaching Physical Education .................</td>
<td>2</td>
</tr>
<tr>
<td>Kinesiology ..............................................</td>
<td>3</td>
</tr>
<tr>
<td>Physiology of Exercise ....................................</td>
<td>3</td>
</tr>
<tr>
<td>Organization &amp; Administration of Physical Educ ..........</td>
<td>3</td>
</tr>
<tr>
<td>Problems in Teaching Physical Education ................</td>
<td>2</td>
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<tr>
<td>Professional Activities for Majors ........................</td>
<td>9</td>
</tr>
<tr>
<td>Personal and Public Health Problems ......................</td>
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<td>G. General Education Requirements for State ..............</td>
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<td>Certification .............................................</td>
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</tr>
<tr>
<td>Foundations of Education ..................................</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology or Adolescent Psychology ........</td>
<td>3</td>
</tr>
<tr>
<td>Secondary School Methods ..................................</td>
<td>3</td>
</tr>
</tbody>
</table>

Student Teaching ............................................. | 6 |
Education Electives ......................................... | 5 |
H. Additional Electives ...................................... | 15 |
TOTAL ......................................................... | 128 |

II. Physical Education Minor

A. Program for Men and Women
1. Physical Education courses required ................. | 24 |
| Introduction to Physical Education .................. | 1 |
| First Aid ................................................ | 2 |
| Methods for Teaching Physical Education ............ | 2 |
| Kinesiology (Prerequisite: Anatomy and Physiology) | 3 |
| Professional Activities for Majors ................. | 9 |
| Organization & Admin. of Phys. Educ ................ | 3 |
| Physical Education Electives .......................... | 4 |

B. Coaching Option
1. Physical Education Courses required ................ | 23 |
| Introduction to Physical Education ................. | 1 |
| First Aid ................................................ | 2 |
| Methods of Teaching Physical Education ............. | 2 |
| Care and Treatment Athletic Injuries ................ | 2 |
| Physiology Exercise (Prerequisite: Anatomy and Physiology) | 3 |
| Problems in Interscholastic Athletics .............. | 2 |
| Coaching Methods ........................................ | 8 |
| Personal & Public Health Problems .................... | 3 |

PHYSICAL EDUCATION MAJOR
Bachelor of Science Degree

(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>
</tr>
<tr>
<td>Concepts of Biology</td>
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<tr>
<td>Foundations of Physical Science</td>
</tr>
<tr>
<td>Communications</td>
</tr>
<tr>
<td>Introduction to Physical Education</td>
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<tr>
<td>Professional Activities for Majors</td>
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<tr>
<td>First Aid</td>
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<td>Area I Electives</td>
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<tr>
<td>Area II Electives</td>
</tr>
<tr>
<td>Sociology Elective</td>
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<tr>
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<table>
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<tr>
<th>SOPHOMORE YEAR:</th>
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<tbody>
<tr>
<td>1ST SEM.</td>
</tr>
<tr>
<td>Professional Activities for Majors</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
</tr>
<tr>
<td>General Psychology</td>
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<tr>
<td>Tests and Measurements</td>
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<tr>
<td>Foundations of Physical Education</td>
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<tr>
<td>Area I Electives</td>
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<tr>
<td>Area II and/or III Electives</td>
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<tr>
<td>Physical Education Electives</td>
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<tr>
<td>Foundations of Education</td>
</tr>
<tr>
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<th>JUNIOR YEAR:</th>
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<tr>
<td>1ST SEM.</td>
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<tr>
<td>Kinesiology</td>
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<td>Physiology of Exercise</td>
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<td>Methods for Teaching Physical Education</td>
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<tr>
<td>Adolescent or Educational Psychology</td>
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<td>Secondary School Methods</td>
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<tr>
<td>Personal &amp; Public Health Problems</td>
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<tr>
<td>Area II and/or III Electives</td>
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<td>Physical Educ. Electives</td>
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DEPARTMENT OF
PSYCHOLOGY

The School of Education, through its Department of Psychology, confers a baccalaureate degree in psychology. Because of the core requirements for all candidates, it is regarded as a degree in general psychology but considerable latitude is allowed within the framework set by those requirements, as at least twelve hours of each student's course work in psychology are "elective."

The student should be aware, however, that even the elective courses function as parts of a total program designed to produce a graduate with a strong background in basic psychology, and he should not regard successful completion of that program as a preparation to perform psychological services. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.

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.

(Suggested Program)

REQUIREMENTS FOR
PSYCHOLOGY MAJOR
Bachelor of Arts or Bachelor of Science

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<tr>
<th>CREDITS</th>
<th>1ST SEM.</th>
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<tbody>
<tr>
<td>I. Lower division:</td>
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<td>B. Other</td>
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<td>1. Area I</td>
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<td>Second Any Area field</td>
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<td>Physiological Psychology, P-225</td>
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<td>Intro to Practice of Psych, P-201</td>
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<td>Third Any Area field</td>
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<td>3. Area III</td>
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<td>Mathematics for the Life Science, M-115-116</td>
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<td>Human Physiology and Anatomy, Z-107</td>
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<td>1. Statistical Methods P-305</td>
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<td>2. Experimental Psychology P-321</td>
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<td>3. Psychological Measurement P-421</td>
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<td>4. Learning, P-441</td>
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<td>5. Psychological Systems P-461</td>
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<td>Electives in psychology</td>
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<td>III. Free electives (36-39 credits)</td>
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<td>NOTE: Only 12' SPECIAL TOPICS credits may be used in meeting college core requirements.</td>
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*excluding performance courses
**including performance courses
SCHOOL OF EDUCATION
Courses: PE

PE PHYSICAL EDUCATION

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 professional duties of a physical educator; professional preparation, service rendered by physical educators, employment opportunities, certification requirements. Prerequisite: None. First semester.

102 Beginning Tennis (WI) (2 credits). Designed to acquaint the student with the game of tennis and the skills of movement, coordination, and strategy. Each semester.

103 First Aid (WI) (2 credits). Designed to acquaint the student with the principles of first aid and emergency medical care. Each semester.

130 Water Polo (MI) (1 credit). Designed to teach the skills and strategy of the game. Fall semester.

132 Skin and Scuba Diving (Coed) (1 credit). The course covers basic skills in diving. Fall semester.

142 Beginning Badminton (Coed) (1 credit). Designed to introduce the student to the game of badminton. Fall semester.

145 Basic Movement and Field Sports (WI) (2 credits). For professional students. Instruction and practice. Basic movements, field sports. Fall semester. Prerequisite: Freshman standing. PE Major or consent of instructor.

163 Beginning Swimming (WI) (1 credit). Designed to teach the skills and drills used for skill improvement. General swimming activities and the student's participation are brought to the level of fun activity with improvement of skill the student needs. Each semester.


COURSES

168 Basketball (MI) (1 credit). A beginning class in basketball emphasizing general rules and participation. Basic skills and team strategies will be covered and basic drills on passing, dribbling, and shooting will take place. Defensive tactics such as man to man, zones, and rebounding will also be explained. Spring semester.

169 Beginning Tennis (WI) (1 credit). An introductory course to provide basic skills, strategies, and rules for the beginner. Fall semester.

170 Beginning Tennis (MI) (1 credit). An introductory course in tennis with the basic fundamental skills and rules of tennis. Game strategy in doubles and singles. Each semester.

171 Beginning Field Hockey (WI) (1 credit). The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.

172 Softball (WI) (1 credit). The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring semester.

173 Beginning Soccer (MI) (1 credit). Participation in soccer with emphasis on skill development, rules, and team strategy. Each semester.

174 Beginning Judo (Coed) (1 credit). A safe, fun-sport which is also a complex art form. The course consists of principles and philosophy of Judo and the techniques of falling, throwing, and grappling. Students will furnish their Gi. Each semester.

175 Beginning Self-Defense (Coed) (1 credit). The defensive tactics are presented in the forms of Aikido, Judo, and Karate; teaching coordination of the mind and body and nonaggressive application of the laws of gravity and force. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Each semester.

176 Beginning Swimming (MI) (1 credit). Instruction in the beginning skills and drills used to improve total physical fitness. Group instruction and individual and group practice. Green fee approximately $10.00.

177 Track and Field (WI) (1 credit). The course consists of participation in track and field events with consideration of fundamental skills and rules for meets. Spring semester.

181 Beginning Badminton (WI) (1 credit). The course covers basic skills in badminton to encourage skill development, understanding, and appreciation of the game. Each semester.

182 Beginning Badminton (MI) (1 credit). Designed to teach the basic skills of bowling: includes approach and delivery, handicaps and scorekeeping. Each semester. Bowling fee approximately $10.00.

183 Handball and Court Games (MI) (1 credit). A class designed to teach techniques and skills of handball and paddleball with special emphasis on playing procedures. Students will be introduced to game situations where they can improve on their individual skills. Either semester.

184 Beginning Judo (Coed) (1 credit). The course consists of participation in judo. Each semester.

185 Beginning Wrestling (Coed) (1 credit). An introductory course to provide basic skills, strategy, and rules for the beginner. Fall semester.

186 Beginning Field Hockey (MI) (1 credit). The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.

187 Beginning Judo (Coed) (1 credit). The course consists of participation in judo. Each semester.

188 Beginning Wrestling (MI) (1 credit). The course consists of participation in wrestling. Fall semester.

189 International Folk Dancing (Coed) (1 credit). Instruction and application of basic steps and patterns used in folk dances from different countries. Either semester.

190 Beginning Volleyball (MI) (1 credit). Designed to teach the basic skills of bowling: includes approach and delivery, handicaps and scorekeeping. Each semester.

191 Skiing and Mountaineering (Coed) (1 credit). This course is designed to introduce the student to the various techniques of skiing. Mountaineering is designed to acquaint the skier with the out of doors and the wilderness. Instruction fee $25.00. available at Bogus Basin. Student will furnish or rent their equipment. Lift pass $5.00. Each semester.

192 Defensive Tactics (Coed) (1 credit). The course consists of principles of defense against one or more persons; physical arrest; control and restraint. familiarization with control devices; definition and application of that force which is reasonable and necessary, individual and group tactics. Students will furnish Gi. Each semester.

193 Beginning Football (MI) (1 credit). A class designed to teach technique and skills of touch football, with special emphasis on playing procedures. Students will be introduced to a variety of playing activities in small groups. Either semester.

200 Foundations of Physical Education (Coed) (3 credits). (3 lecture hours) An introduction to the philosophy of physical education, objectives of physical education, physical education's role in general education, changing concepts of physical education, scientific foundations of physical education, curriculum development in physical education, history and principles of physical education. Sophomore year. Prerequisite: Introduction to Physical Education. Either semester.
Beginning Gymnastics (M) (1 credit). This course is designed for the beginning student to provide instruction in the fundamental techniques of all phases of gymnastics. The student will also be acquainted with spotting and safety techniques. Each semester.

Advanced Self Defense (Coed) (1 credit). This course is a continuation of Self-Defense using Aikido, Judo and Karate. Teaching coordination of the mind and body and nonaggressive application of the natural laws of gravity and force. It is designed to teach students self-defense techniques. This course is open to students of all ages and skill levels. Prerequisite: Beginning Self Defense. Students will furnish their Gi. Instructor's permission. Each semester.

Advanced Judo (Coed) (1 credit). Continuation of the basic skills of Judo. Advanced form to encourage participants to seek advanced degrees. Students will furnish their Gi. Permission Each semester.

Track Field, Gymnastics and Wrestling (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.

Volleyball, Archery, Golf and Bowling (Coed) (2 credits). For professional students. Instruction and practice. Volleyball, Archery, Golf, and Bowling. Fall semester. Prerequisite: Sophomore standing. PE Major or consent of instructor.

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.

Intermediate Badminton (Coed) (1 credit). Advanced basic fundamentals, including round-the-head strokes, advanced serves, advanced smash shots, drop shots, deception, and strategy. Prerequisite: Playing experience or instructor's permission. Each semester.

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.

Intermediate Volleyball (M) (1 credit). Review and practice of basic skills. Will progress to advanced strategy and techniques learned in intermediate volleyball. Prerequisite: PE 164. Intermediate Volleyball or playing experience. Each semester.

Intermediate Badminton (W) (1 credit). The course consists of participation in badminton with consideration of advanced skills, team strategy and officiating. Prerequisite: Beginning badminton or playing experience. Each semester.

Intermediate Tennis (Coed) (1 credit). Review of basic fundamentals followed by more advanced drills to develop depth, steadiness, and control. Also: game experience and strategy. Prerequisite: Beginning tennis or playing experience. Each semester.

Intermediate Gymnastics (W) (1 credit). Review of beginning and development of intermediate gymnastics. First semester: basic gymnastic skills for women. Emphasis on performing combinations, compulsory, and optional routines. Prerequisite: Beginning gymnastics or instructor's permission. Each semester.

Intermediate Field Hockey (W) (1 credit) The course consists of participation in field hockey with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Either semester.

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.

Weight Training (M) (1 credit). Techniques and skills for individual fitness with emphasis on weight training and weight lifting procedures for individual conditioning programs. Each semester.

Intermediate Gymnastics (M) (1 credit). This course is designed for those students who have completed the beginning gymnastics course or who feel they are beyond the basic beginning stages of gymnastics. This course will have a specific goal of helping each student to develop the skills required in progressing from simple stunts to basic routines. Prerequisite: Experience or instructor's permission. Either semester.

Intermediate Archery (Coed) (1 credit). This course is designed for the experienced archer, who has a workable knowledge of the fundamental skills of archery. There will be a review of the fundamental techniques of shooting and information on target archery, field shooting and bow hunting. Prerequisite: Experience or instructor's permission. Each semester.

Swimming (M) (1 credit). A review of basic skills and strokes, plus optional strokes, appropriate self-rescue skills, games, diving and contests. Each semester.

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 swim. Preliminary swimming test. Each semester.

Water Safety Instructor (Coed) (1 credit). A review of senior life saving and basic swimming strokes and skills followed by how to teach ARC swimming and water safety courses. Prerequisite: A current ARC senior lifesaving certificate, and a high degree of skill and knowledge in teaching. Each semester.

Intermediate Golf (Coed) (1 credit). This course is a continuation of beginning golf. It is designed for those students who have completed golf 181 or who consider themselves to be beyond the beginning stages of the game. All of the basic fundamentals will be reviewed, but a greater emphasis will be placed on form, technique and detail. The student will also learn different types of specific golf shots. Prerequisite: Playing experience or instructor's permission. Each semester. Green fee approximately $10.00.

Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport, including basic skills and strategies of fencing. Each semester.

Intermediate Fencing (Coed) (1 credit). A review of basic skills and strategies, advanced techniques and brief instruction in beginning Self Defense. Prerequisite: Instructor's permission. Each semester.

Advanced Bowling (Coed) (1 credit). Includes the finer skills of bowling-playing the lanes, playing the angles, analyzing the game. Common faults, symptoms and solutions. Prerequisite: Instructor's permission. Each semester. Bowling fee approximately $10.00.

Upper Division

Intramurals and Sports Officiating (Coed) (2 credits). Designed to acquaint the student with the organization and administration of intramural programs. Includes sport and intramural officiating. Each semester.

Methods for Teaching Physical Education (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—6 hours, junior standing or instructor's permission. Required of all PE Majors. Each semester.

Personal and Public Health Problems (3 credits). Study of personal health problems with emphasis on implications for family life, mental health, diseases, reproductive diseases, nutrition, tobacco and drug, health and sanitation problems in the community. Prerequisite: Junior standing or consent of instructor. Required of all PE Majors. Each semester.

Methods of Coaching Football (2 credits). Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing or instructor's permission. Fall semester.

Methods of Coaching Wrestling (2 credits). Offense and defense in wrestling, equipment and training, meets and tournaments, wrestling styles, conditioning and facilities. Prerequisite: Junior standing or instructor's permission. Either semester.

Methods of Coaching Basketball (2 credits). Methods of coaching offense and defense, styles of play, and basketball strategies. Prerequisite: Junior standing or instructor's permission. Either semester.

Methods of Coaching Baseball (2 credits). Baseball fundamentals including batting, fielding, conditioning and training. Prerequisite: Junior standing or instructor's permission. Spring semester.

Methods of Coaching Coaching (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.

Care and Treatment of Athletic Injuries (2 credits). The care, prevention, and treatment of athletic injuries. The study and practice of modern athletic training methods. Prerequisite: Junior standing. Kinesiology or Physiology of Exercise. Either semester.

Methods of Coaching Women's Gymnastics (Coed) (2 credits). Techniques of teaching and coaching gymnastics. Emphasis is placed on progressions, safety, and conditioning. Prerequisite: Junior standing and Beginning Gymnastics or instructor's permission. Either semester.

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.

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.

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.


Physiology of Exercise (Coed) (3 credits). The effects of muscular exercise and physical conditioning on the circulatory, respiratory, and other physiological processes. Prerequisite: Junior standing. Human Physiology and Anatomy. Either semester.

Rhythms for Kindergarten, Special Education and Elementary School Teachers (Coed) (2 credits). The analysis of the fundamentals, the development of skills and the application of methods in teaching rhythm in kindergarten, special education and elementary school physical education. To include Folk Dancing, Square Dance, Rhythm' Balls, Rhythm Sticks, Parachute Games, Rhythms for the atypical child. Rhythm Sticks, Parachute Rhythms, etc. Prerequisite: Junior standing. Spring semester.

Skills for Teaching Physical Education for Kindergarten and Special Education Teachers (2 credits). This course is designed for future kindergarten and special education teachers or physical education specialists with emphasis on the physical needs of children, the selection and analysis of fundamental skills, the development of skills and the application of various methods of instruction in the kindergarten and special education grade levels. Prerequisite: Junior standing. Fall semester.
361 Elementary School Physical Education (Coed) (2 credits). The class is designed for future elementary school teachers, and elementary school physical education specialists; includes emphasis on the physical needs of children. The analysis of fundamental skills, the development of skills and the application of various methods of instruction at the primary and intermediate grade levels. Prerequisite: Junior standing or instructor's permission. Either semester.

426 Problems in Teaching Physical Education (Coed) (2 credits). CBBI. A course for senior students who have completed student teaching. Students will mutually consider problems encountered in student teaching and attempt to solve them. The roots of the entire physical education profession will be reviewed and case studies will be used. Opportunities for individual research will be provided. Prerequisite: Student teaching. Fall semester.

430 Problems in Intercollegiate Athletics (Coed) (2 credits). CBBI. Study of the organization and management of intercollegiate athletics including nature and functions of budgeting, finance, personnel, facilities, equipment, supplies, scheduling, recruitment, public relations, legal responsibilities, professional relationships, and professional advancement. Prerequisites: One semester of Skills for Teaching Physical Education and Senior standing. First semester.

451 Correctives (Coed) (2 credits). Survey of common deviations of posture, functional disturbances and crippling conditions found in school children. Consideration of the extent the limitations of the teacher's responsibility for correction or improvement of physical defects. Prerequisite: Kinesiology or instructor's permission. Spring semester.

457 Organization and Administration of Physical Education (Coed) (3 credits). Study of departmental organization, instructional and recreational programs, supervision of instruction, physical plant, and finance. Prerequisite: Junior standing or instructor's permission. Either semester.

471 Highly-Organized Games (WI) (2 credits). The course is designed to prepare women to teach and coach team sports. Areas covered will include organizing the team, conditioning, coaching methods and practices, and advanced team strategy. Sports considered will be field hockey, volleyball, track and field, and softball. Prerequisite: Junior standing or instructor's permission. Either semester.

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 interaction, through lecture and discussions, with psychologists who are employed in a wide variety of specific occupations. Prerequisite: General Psychology 101 and consent of instructor. Spring semester.

210 Human Growth and Development (3 credits). A survey of significant factors in development from conception through adulthood. Consideration is given to normal patterns of maturation and adjustment. Major constitutional and environmental adjustment problems will also be presented. The course is intended for those who wish to study the general factors in child and adolescent development, not for psychology or education majors. Students may not earn credits in this course and in Child Psychology P-311 or Adolescent Psychology P-312. Either semester. Not offered 1973-74.

226 Physiological Psychology (3 credits). A survey of classical and current problems, with emphasis on nervous and endocrine systems in the processing of information. Emphasis will be on the biological basis of behavior. Prerequisites: General Psychology 101 and introduction of Sociology 101. Either semester.

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 concepts and remedial practices. Prerequisite: General Psychology 101. Either semester.

305 Statistical Methods (3 credits). Statistical concepts and methods commonly used in research. Topics covered will include measures of central tendency and variability, correlation analysis, significance of psychological tests, and experimental design. Prerequisites: Mathematics for the Life Sciences M-115-116 and Statistical Methods M-305. Limited enrollment: preference to psychology majors who are planning to go on to graduate school. Spring semester.

311 Child Psychology (3 credits). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Each semester.

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 both constitutional and environmental factors, to normal growth patterns, and to behavioral, learning, and other problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Each semester.

321 Experimental Psychology (4 credits). The application of scientific methodology to the study of behavior. Design of experiments; methods of analysis and interpretation of data; reporting of research methodology. Two lectures and two two-hour laboratory periods per week. Prerequisite: General Psychology 101. Statistical Methods M-305 and Mathematics for the Life Sciences M-115-116. Each semester.

325 Educational Psychology (3 credits). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Each semester.

341 Perception (3 credits). A study 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. Spring semester.


406 Advanced Statistical Methods (3 credits). Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced analysis of variance (including repeated measures design) and related trend tests, multiple comparison tests, and transformations. Other topics include multiple correlation techniques, analysis of covariance, nonparametric tests, and contemporary controversies in the field of statistics. Prerequisite: P-305. Statistical Methods. Limited enrollment: preference to psychology majors who are planning to go on to graduate school. Spring semester.


431 Social Psychology (3 credits). Social factors affecting individual behavior; formation and change of attitudes; social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for Psychology or Sociology credit but not for both. Prerequisite: General Psychology 101 and Introduction to Sociology 101. Either semester.


441 Learning (3 credits). Fundamental concepts of learning, with emphasis on current developments in the field. Topics to be covered include conditioning, rote learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101, Mathematics for the Life Sciences M-115-116. Statistical Methods M-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: Senior standing in Psychology. Either semester.

TE TEACHER EDUCATION

Lower Division

108 Developmental Reading (2 credits). The course is designed to develop the speed of reading by each individual through the enhancement of improved techniques in vocabulary development, familiarity with subject material, locating the main idea, recognizing paragraph patterns and types, skimming and scanning, study skills, and test taking. A variety of activities are employed, including the employment of electronic devices. Either semester.

201 Foundations of Education (3 credits). A general introductory course in education to give the student early exposure in his preparation for teaching, some familiarity with the teaching profession. It deals with the basic aspects of the work of the teacher, the fundamental social, historical and philosophical background for teaching; current educational problems and principles and examples of influential figures in the development of education. Prerequisite: Teacher candidates must take this course with one of the following: Introduction to Education 206 or Psychological Foundations of Education 330, or with a 300 level course in psychology. Either semester.

205 An Inquiry into Approaches to Reading (3 credits). Either semester. The course is designed to develop an understanding of a variety of approaches to reading. The course includes a review of a wide selection of media from the Reading Education Center and the Curriculum Resource Center. Also included is the observation of the use of materials and media in classroom situations.

Upper Division

351 Elementary Curriculum and Methods I (5 credits). The first semester of Elementary Curriculum and Methods with an emphasis upon language arts. However, all aspects of curriculum are included. Prerequisite: Child Psych. To be taken concurrently with Student Teaching 471. Fall semester.

352 Elementary Curriculum and Methods II (5 credits). The second semester of Elementary Curriculum and Methods I. Prerequisite: Elementary Curriculum and Methods I. TE 351. To be taken concurrently with Student Teaching TE 472. Spring semester.

356 Audio-Visuals in Education (2 credits). Motion pictures, graphic materials, lantern slides, filmpacks, television, field trips and auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved. Either semester.

358 Corrective Reading in the Elementary School (3 credits). A study of reading difficulties of elementary school pupils with emphasis upon diagnosis, methods and techniques of teaching. The student will tutor a pupil assigned from the Reading Education Center for approximately 20 sessions.

371 Guidance for the Classroom Teacher (3 credits). A study of the guidance activities normally carried on by the classroom teacher. Either semester.

98
381 Secondary School Methods (3 credits). A study of the overall program and objectives of the secondary school with special attention given to methods and materials of instruction. Application is made to the student’s teaching field. 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 childhood disabilities with special emphasis on adaptation, learning and development. Prerequisite: Consent of the instructor.


393 Driver Education (3 credits). This course is designed to aid teachers in the instruction of beginning drivers, and in the use of dual controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety. Spring and Summer seminars.

394 Advanced Driver Education (2 credits). A course designed to provide advanced preparation in principles and practices of driver and traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE-393. Spring, Summer seminars.

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, student participation in school safety, traffic safety, disaster preparedness, school transportation, and the school’s role relative to safety problems with other public and private agencies. Prerequisite: Upper division standing.

410 Curriculum for the Mentally Retarded (3 credits). A study of the specific curriculum needs of the mentally retarded and the methods and adaptations necessary in the education of the student. A basic approach to the development of the curriculum for the mentally retarded and the teacher’s influence in its implementation. Fall semester. Each fall, spring, and summer semesters.

412 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 disabilities. 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 preparation of the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE 450 or consent of the instructor.

440 Instructional Materials for the Exceptional Child (3 credits). Opportunities for the planning, use, and evaluation of instructional materials for specific exceptionalities will be the format of this course. Students will develop procedures 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 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 Drucker’s and others. Emphasis is on social and 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. Software and hardware will be examined and applications made to local 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, instructional materials, individualization, and creating teacher-made materials will be explored in depth. The use of aides, parents, and other community resources in the classroom will be discussed and techniques with techniques for evaluating their progress. 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 course. Spring semester.

481 Secondary Student Teaching (6 credits). Supervised student teaching in a secondary school. Prerequisites: (1) Admission to the School of Education. Completion of Secondary Methods, or a special methods course in the teaching area with a minimum grade of "C". Senior standing. GPA of 2.25 in major field, minor field, and education courses. A cumulative GPA of 2.1. Recommendation of the faculty advisor or department chairman. Approval of an official Application for student teaching. Application must be filed with the office of the Coordinator of Field Services by March 1 of the Junior year. Each semester.

491 Special Education Techniques-Practicum (4 credits). Provides the student with an opportunity to experience specific educational programming and learning sequences related to their interest in special education. In-depth field study of the exceptional child will be conducted by participants in gaining greater knowledge related to evaluation, prescription, and teaching in the classroom. Either semester. Prerequisite: Consent of the instructor.

LS LIBRARY SCIENCE

101 Introduction to Use of Books and Libraries (2 credits). Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshmen, sophomores and new students. Recommended for education majors. Fall semester.

102 Basic Library Skills (1 credit). An independent, self-paced, self-directed course in library skills including resources common to academic libraries in general and to facilities in the Boise State University Library in particular. The course is designed for incoming students who are not familiar with an academic library, and for returning students who have had difficulty using the college library in the past. No tests will be given, but conferences may be held. All assignments must be satisfactorily completed to receive credit. (credit, no credit basis).

301 Library Organization and Administration (3 credits). An introduction to the development, organization, and management of all types of libraries, with emphasis on the school library and its place in the instructional program. First semester.

311 Reference and Bibliography (3 credits). Introduction to the principles and techniques of reference work, the evaluation and use of basic reference books, indexes, and bibliographies found in school and small public libraries. Fall semester.


321 Basic Book Selection (3 credits). Principles and techniques for evaluating and selecting library materials, introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discarding and weeding, and materials for the slow and gifted reader. Spring semester.


341 Literature for the Adolescent (3 credits). Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of Lower Division Literature. Spring semester.

**Especially recommended for secondary teachers.
**Especially recommended for secondary language arts teachers.

MASTER OF ARTS IN ELEMENTARY EDUCATION

General Prerequisites for Applicants

Admission will be granted to applicants who hold a bachelor’s degree from an accredited college or university, and who give promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program to which they apply.

Applicants for regular status in the Graduate Program administered by the School of Education normally must have maintained a grade point average of at least 3.00 on the last two years of undergraduate study, or an overall grade point average of 2.75.

All applicants must be accepted by the School of Education through its Department of Teacher Education. Specific requirements will be determined by this department for graduate admission to a teacher education program designed to provide graduate preparation of elementary teachers.
The elementary education graduate program will consist of at least 30 semester hours of credit, determined as follows:

**Required courses — Education**
- 9 semester credits

**Elective courses — Education**
- 12 semester credits

**Seminar**
- 3 semester credits

**Elective courses in education**

Twelve semester hours of credit must be chosen from the courses listed in elective area. At least one course must be chosen from Cluster I and from Cluster II. The candidate will be able to select courses which will strengthen his effectiveness as an elementary teacher.

**Cluster I (Choose at least one course)**

**TE-501 Advanced Practices and Principles in Teaching Reading (3 credits)**. The total reading process is stressed. Areas such as readiness, grouping, methodologies, work-study skills, organization of the program materials, and research findings basic to social studies will be developed.

**TE-511 Advanced Practices and Principles in Teaching Elementary Mathematics (3 credits)**. A study will be made of the number abilities needed by children, the methods needed in providing number experiences, desirable teaching procedures, use of materials, and research findings in mathematics.

**TE-512 Advanced Practices and Principles in Teaching Language Arts and Linguistics (3 credits)**. Emphasis will be given to the role of language arts and linguistics in the elementary school curriculum, embracing the newer approaches to language development, spelling, writing, listening-speaking skills.

**TE-513 Advanced Practices and Principles in Teaching Elementary Science (3 credits)**. Current practices and principles in modern elementary science concepts will be developed. Particular reference will be made to selecting and organizing content and experimental activities.

**TE-514 Advanced Practices and Principles in Teaching the Humanities (3 credits)**. Integration of the humanities and fine arts into the elementary curriculum will be the major concern of this study. Methods, activities, projects, and media will be investigated.

**Cluster II (Choose at least one course)**

**P-501 Counseling and Guidance in the Elementary Classroom (3 credits)**. A study of counseling 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 to special education programs. Prerequisite: P-101 General Psychology.

**TE 605 Individual Tests and Measurements (3 credits)**. An intensive investigation is conducted of the various standardized tests and measurements and evaluation of their use in the classroom.

**TE 615 Development of Skills for Teaching Pupils with Learning Difficulties (3 credits)**. A study of the techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with learning difficulties will be the major emphasis of this course.

**TE-616 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 mentally retarded pupils will be studied.

**TE-617 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.

**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.

**P-503 Individual Testing Practicum (3 credits)**. Emphasis in the course will be placed on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed for an understanding and interpreting test data. Prerequisites: Mathematics 115-116, Statistics, and Psychological Measurement, P-421: Either semester.

**P-504 Analysis of the Individual (3 credits)**. A study of techniques used in analyzing the individual with emphasis on the elementary level. The course includes observational methods, recording behavior, behavioral analysis, interviewing and use of test information. Prerequisite: P-101 General Psychology.

**P-505 Personality Development (3 credits)**. Critical consideration of the main personality theories, particularly those which emphasize current concepts regarding learning, perception and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P-101 General Psychology.

**P-421 Psychological Measurement (3 credits)**. An introduction to the theory and nature of psychological measurement together with a survey of psychological tests currently used. Prerequisite: General Psychology P-101, Mathematics for the Life Sciences M-115-116 and Statistical Methods P-305.

**Additional Elective Courses in Education**

**TE-618 Techniques for Creative Writing in Elementary Schools (3 credits)**. Methods and techniques for encouraging creative writing in the elementary school pupils will be given.

**TE-619 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.

**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.

**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.

**TE-522 Individualization of Reading Instruction (3 credits)**. Emphasis upon the individualized approach to reading education.

**Open Courses (Choose 6 Credits)**

Six semester hours of credit will be open for selection in any area of the college course offerings that will enable the candidate to strengthen his potential in elementary instruction. The candidate, in cooperation with his graduate committee, will choose courses from education or from the academic subject matter areas which will meet his individual needs as a teacher. A special topics or practicum experience may be arranged in this six semester hour open block of credits. It is the desire of the School of Education to make the area so flexible that the needs of each individual candidate for the graduate degree can be adequately met.

**MASTER OF ARTS IN ELEMENTARY EDUCATION FOR READING SPECIALIST**

The candidate who is interested in pursuing a Master of Arts Degree in Elementary Education with the intent to become a specialist in Reading Education will be required to complete the following program in addition to the 9 semester hours in the Elementary Education Core.

**REQUIRED READING COURSES**

**TE-501 Advanced Practices and Principles in Teaching Reading (3 credits)**. The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed.

**TE-602 Diagnosing 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 504.

**TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3 credits)**. Remediation approaches and techniques for disabled readers is emphasized. Training is fostered by tutoring a child under supervision in the Reading Center. Prerequisite: TE 502.

**TE-504 Seminar in Reading Education (3 credits)**. The significant research concerning all phases of reading is abstracted and discussed in small group settings. In addition to reading research in reading is developed and is brought into focus by the scholar's conducting his own reading research project. Prerequisite: TE 503.

In addition to the above requirements, the candidates, with the guidance and approval of his Reading Education Center advisor, is required to complete 9 semester hours of electives from the total graduate offerings.
There have been numerous requests for information concerning the availability of special education programs at both the graduate and the undergraduate level. Since Boise State now offers specialty areas in special education at both levels I want to pass along this information since you people and those in your offices will contact many people who are prospective BSU enrollees.

At the undergrad level we offer the student an opportunity to complete special education work in Learning Disabilities and Mental Retardation. Both are closely aligned to the Elementary program and can be completed together in the B.A. program and lead to dual certification as a teacher.

At the graduate level BSU offers the M.A. in Elementary Education Core Enriched with the specialty in Learning Disabilities or Mental Retardation. Therefore it is possible to get the Masters degree and to specialize in one of the two areas of special education.

I hope that this clarifies the situation for those who wish to pursue their goal in special education knowing that they may do so at BSU in the two areas mentioned. Hopefully this will be included in the new catalogue.
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.

CLINICAL AFFILIATES

Caldwell Memorial Hospital, Caldwell, Idaho
Idaho Elks Rehabilitation Hospital, Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke's Hospital, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho

ADVISORY COUNCIL

M. M. Burkholder, M.D., Chairman

David M. Barton, M.D.
Adjunctive Associate Professor

David W. Bennett, M.D.
Adjunctive Associate Professor

John W. Gerdes, Ph.D.
Adjunctive Associate Professor

Laura Larson, R.N.
Adjunctive Associate Professor

Robert S. Marshies, M.D.
Adjunctive Associate Professor

Clayton C. Morgan, M.D.
Adjunctive Associate Professor

Terry L. Neher, D.D.S.
Adjunctive Associate Professor

Charles E. Reed, M.D.
Adjunctive Associate Professor

Robert H. Sabin, M.B.A.
Adjunctive Assistant Professor

Sister Justine Marie, C.S.C.
Adjunctive Assistant Professor

Department of Nursing:

Chairman and Associate Professor: Dr. JoAnn T. Vahey; Medical Director and Adjunctive Associate Professor: C.C. Morgan, M.D.; Baccalaureate Program Director: Dr. Grace Clissold; Associate Degree Program Director: Beryl Smith; Academic Coordinator: Sheila Truby; Clinical Coordinator: Diana Obenauer; Professors: Miles, Associate Professors: Clissold, Kelly, Fleming; Assistant Professors: Bonachea-Beshler, Downes, Fountain, Hazelwood, Keller, Matson, Penner, Smith, Thompson, Truby, Wilcox; Instructors: Obenauer, Special Lecturer: Wadle, Wicks Trevor.

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: T. L. Neher, D.D.S.; Coordinator of Advisors and Associate Professor of Zoology: E. G. Fuller, Ph.D.

Department of Allied Health Studies

Medical Technology

Director of Clinical Instruction and Adjunctive Associate Professor: L. Beals; Associate Professor of Zoology; Academic Coordinator: E. G. Fuller, Ph.D.

Respiratory Therapy

Director and Assistant Professor: Mr. Conrad Colby; Coordinator of Clinical Instruction: L. Christensen, ARRT; Medical Director and Adjunctive Associate Professor: C. E. Reed, M.D.; Special Lecturers: Gable, Nuerenberg, Turner.

Medical Records Technology:

Director and Instructor: Mrs. Elaine Rockne; Supervisor of Directed Practice and Instructor: J. Coltnn; Medical Director and Adjunctive Associate Professor: C. C. Morgan, M.D.

Medical Office Assistant (Medical Secretary Program):

Director: Mrs. Elaine Rockne.

Department of Community and Environmental Health:

Special Lecturers: Despain, Heiskari.
DEPARTMENT OF NURSING

The Department of Nursing believe that the quality of health-care delivery in urban and rural areas can be enhanced by extending the scope of professional nursing practice. Although registered nurses possess essential knowledge and skills, they need advanced education and experience to fulfill the requirements of this changing, expanding role.

The Department offers students an opportunity to concentrate their educational efforts in an area of specialization: Acute Care Nursing, Family Nurse Practitioner, or Leadership and Management in Nursing and thus, acquire the proficiency necessary to assume a variety of role responsibilities within the broadening sphere of professional nursing. The two year educational program is geared toward assisting the student to achieve the terminal objectives of:

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.

Admission Requirements

A. All applicants must:
   1. Possess a current Idaho license as a Registered Nurse.
   2. Have had at least one year work experience in nursing within the past two year period.

B. Graduates of an Associate Degree Program in Nursing
   1. A.D. graduates with a cumulative GPA of 2.75 or above are eligible for admission.
   2. A.D. graduates with a cumulative GPA of 2.74 or below must complete at least 15 upper division credits with a GPA of 2.75 or above to be eligible for admission to the courses of study in the Baccalaureate Program in Nursing.
   3. Associate Degree graduates must be able to transfer 64 lower division credits in approved courses. Students applying for admission into Acute Care Nursing or Family Nurse Practitioner should have completed a course in Chemistry.

C. Graduates of a Diploma Program
   1. Diploma graduates must have completed 34 credits in general education courses as indicated in the lower division nursing curriculum with a cumulative G.P.A. of 2.75 or above.
   2. Diploma graduates who obtain a GPA below 2.75 in these lower division courses must complete 15 upper-division credits, achieving a GPA of 2.75 or above to be eligible for admission to the Baccalaureate Program in Nursing.
   3. Students applying for admission into Acute Care Nursing or Family Nurse Practitioner should have completed a course of study in lower division Chemistry.
   4. Diploma graduates who successfully complete the junior year of the nursing program will be granted 30 lower-division nursing credits in accordance with advanced placement policy.

Students have the opportunity to take advantage of the educational courses of study offered by the Baccalaureate Program in Nursing in two distinct manners:

1. Pursuit of an academic degree.
   Fulfill academic requirements in relation to general education courses of study and those in the major area of nursing concentration. The student may accomplish this by attending Boise State University.

a. Full-time: Taking courses totaling at least 8 credits per semester.
   b. Part-time: Taking courses totaling less than 8 credits per semester.

2. Non-pursuit of an academic degree:
   a. Student does not need to meet the admission requirements of the Baccalaureate Program in Nursing.
   b. Takes courses of study desired. Example: Each course in any of the three areas of concentration (i.e., Acute Care Nursing, Leadership and Management or Family Nurse Practitioner) be taken by the qualified applicant any time it is offered or a student may choose to take a course of study in Acute Care Nursing one semester and the next semester not attend BSU, return the third semester and take a course of study in Leadership and Management. This plan is referred to as Multiple Entry/Multiple Exit.
   c. In the event a student wishes to apply for the baccalaureate degree he/she may apply the credits acquired from appropriate courses taken toward fulfilling academic requirements for the degree, provided he/she has met the requirements for admission/retention in the Baccalaureate Program in Nursing.

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 when 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 utilize specialized knowledge and skills required in the care of individuals in the intensive care units: Coronary Care, Intensive Care Perinatal Intensive Care, or Emergency/Trauma Care. Thus, the graduate 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 (a) following a decision making process, (b) evaluating the outcome of a given intervention and proceeding appropriately, (c) adeptly integrating information and establishing priorities, (d) dealing in emergency situations with rapidity and precision.

Recommended Curriculum - Acute Care Nursing

<table>
<thead>
<tr>
<th>JUNIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Sensitization to Change</td>
<td>H 305</td>
<td>2</td>
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<tr>
<td>Applied Physiology</td>
<td>H 306</td>
<td>4</td>
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<tr>
<td>Concept/Skills of</td>
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<tr>
<td>Health Assessment</td>
<td>N 311</td>
<td>5</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>H 310</td>
<td>3</td>
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<tr>
<td>Area I Electives</td>
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<td>3</td>
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<tr>
<td>Nursing Adults in Intensive</td>
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<tr>
<td>Care Situations</td>
<td>N 330</td>
<td>4</td>
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<tr>
<td>Cardiovascular Nursing</td>
<td>N 331</td>
<td>4</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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17 17
SCHOOL OF HEALTH SCIENCES
Nursing

**Senior Year:**

1st SEM. | 2nd SEM.
--- | ---
Nursing in Emergency/ | 4 | —
Trauma Situations | 4 | —
Perinatal Intensive Care Nursing | 4 | —
Area I Electives | 6 | —
Area II or III Electives | 3 | —
Overview of Acute Care | — | 3
Nursing Research | — | 3
Legal Implications of | — | 6
Health Practice
Senior Nurse Practicum | — | 4

| Total | 17 | 16

**Juniior Year:**

1st SEM. | 2nd SEM.
--- | ---
Sensitization for Role Change | — | 2
Methods in Clinical Laboratory Science | — | 3
Concepts and Skills of Health Assessment | — | 5
Principles of Pharmacotherapeutics | — | 3
Family Nurse Practice | — | 8
Health Care Delivery Systems | — | 3
Area I Elective | — | 3
Applied Physiology | — | 4
Sociology of the Family | — | 3

| Total | 16 | 16

**Senior Year:**

1st SEM. | 2nd SEM.
--- | ---
Family Nurse Practice | — | 8
Legal Implications of Health Care | — | 3
Senior Nurse Practicum | — | 4
Area I, II, or III Electives | — | 9

| Total | 17 | 17

**Senior Year:**

1st SEM. | 2nd SEM.
--- | ---
Change Agent: Nurses Role | — | 4
Medical Econ and Finance | — | 3
Social Change | — | 3
Human Relations | — | 3
Area I Elective | — | 3
Change Process: Nurses Role | — | 4
Professional Nursing Seminar | — | 2
Legal Implications | — | 3
Electives | — | 4

| Total | 16 | 16

**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 her 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/psychosocial assessment.
2. utilizing her observations/findings to develop a plan of care which will meet the physical/psychosocial needs of individual/families.
3. implement the plan of care.
4. evaluate her activities/plan in relation to the degree to which the needs have been met.

The emphasis of this educational program is to prepare the nurse to initiate preventive health measures in order to assure the "wellness" of individual/families. 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(s) with stabilized chronic diseases. She recognizes the limits of her knowledge/skills and knows when to seek consultation or refer individual(s) to other health professionals. She accepts full, professional, ethical and legal responsibilities for her activities.

As a professional, she constantly uses current medical/nursing knowledge to evaluate and improve her level of practice. The Family Nurse Practitioner functions interdependently, recognizes the value of collaboration with other professionals and is an active member of the health team.

**Recommended Curriculum - Family Nurse Practice**

<table>
<thead>
<tr>
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<th>2ND SEM.</th>
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<tbody>
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<td>Family Nurse Practice</td>
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<td>8</td>
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<tr>
<td>Health Care Delivery Systems</td>
<td>—</td>
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<tr>
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| Total | 17 | 17 |

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<td>8</td>
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<td>Legal Implications of Health Care</td>
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<td>3</td>
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<tr>
<td>Senior Nurse Practicum</td>
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<tr>
<td>Area I, II, or III Electives</td>
<td>—</td>
<td>9</td>
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</tbody>
</table>

| Total | 17 | 17 |

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).
ASSOCIATE DEGREE IN NURSING

Boise State University offers a two-year Associate Degree program in nursing. The program is collegiate in nature. Courses offered by the Department of Nursing offer clinical experience in area health facilities. 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 Boise State University Department of Nursing operates within the philosophy of the total university. The faculty believe nurses can best be educated in an academic institution because general education promotes development of the individual as a member of society as well as a member of the nursing profession. Students enrolled in the nursing curriculum work and socialize with students in various other fields of study on the campus.

With the belief that the goal of nursing is health, the curriculum is based on the concept that man has seven basic needs which must be maintained to attain and preserve health. Preparation of students is aimed toward fulfillment of health needs of society today as well as allowing peaceful death to the terminally ill. Health is viewed as a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity. The nursing curriculum emphasizes clinical practice as well as theoretical preparation in the seven basic need concepts of oxygen, mental health, nutrition, elimination, activity, safety, and comfort. Safe, knowledgeable patient-centered nursing care is the standard for advancement in all nursing courses. The courses place emphasis on common health problems with limited exposure to care 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 role as a technical nurse on the health team.

Admission

Admission to the Department of Nursing is based upon general university requirements.

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 three 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.
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, 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.

Among equally qualified applicants in each of the three groups, students will be selected with consideration to minority groups and to students from all geographic regions served by Boise State University.

Steps to Application:

1. Make application for admission to Boise State University and the Department of Nursing. Both application forms are available from the Admissions Office in the Administration Building, Room 100.
2. Submit an official high school transcript or G.E.D. test scores and official transcripts of all previous college work to the Admissions Office.
3. Submit A.C.T. scores to the Admissions Office.
4. Complete all application requirements by March 1.

General Information

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 physical exam report and a chest x-ray to the Student Health Center prior to August 1.
2. Purchase a Boise State University Student Nurse uniform.
3. Submit a special nursing laboratory fee of $25.00 at Fall Registration. (Yearly)

Policy on Promotion and Graduation

1. Students must make reasonable progress throughout the nursing curriculum to qualify for graduation. A cumulative G.P.A. below 2.75 will disqualify a student from continuing the next semester of the nursing curriculum. A passing grade ("C" or better) must be obtained in all nursing courses and in all core supporting courses of the nursing curriculum.
2. A grade of "D" in any theory unit or clinical evaluation unit will place a student on departmental probation. After being placed on departmental probation, the student must maintain a satisfactory performance ("C" or better) in all nursing theory and clinical evaluation to be reinstated to good academic standing. Departmental probation will last a minimum of one full semester. At the end of the probation semester, the student's record will be reviewed by the Admission, Promotion, and Graduation Committee. If the student has achieved satisfactory academic status, he/she will be removed from probation. If he/she has not achieved satisfactory academic status (e.g. "D" during probation period), the student will be considered by the Admission, Promotion, and Graduation Committee for possible dismissal from the program.
### 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 sciences 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.

**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.

**Nursing Curriculum**

<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><em>Chemistry 101</em></td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td><em>General Psychology</em></td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td><em>Nutrition</em></td>
<td>—</td>
<td>5</td>
</tr>
<tr>
<td><em>Human Physiology and Anatomy</em></td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><em>Basic Health Needs</em></td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microbiology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro to Sociology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Area I or II Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Deviations from Basic Health</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Nursing Seminar</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

* Core Courses (Those listed for the Freshman Year must be completed before enrolling in those listed for the sophomore year)

**Requirements for Pre-Medical, Pre-Dental, Pre-Veterinary Medicine Studies**

I. Biology Option

1. General College and Baccalaureate Degree
   - Requirements to include
   - English Composition: 30
   - General Psychology: 3
   - General Bacteriology: 10
   - Comparative Anatomy: 4
   - Vertebrate Embryology: 4
   - Mammalian Physiology: 4
   - General Genetics: 3-4
   - Vertebrate Histology: 4

2. Biology Requirements
   - Advanced General Biology: 25-27
   - Organic Chemistry: 6-8
   - Analytical Chemistry: 5
   - Biochemistry: 4

3. Chemistry Requirements
   - Mathematics 111-112: 10
   - General Physics: 8
   - Total for Areas 1-4: 107-110

II. Chemistry Option

1. General College and Baccalaureate Degree
   - Requirements to include
   - English Composition: 30
   - General Psychology: 3
   - General Bacteriology: 10
   - Comparative Anatomy: 4
   - Vertebrate Embryology: 4
   - General Genetics: 3-4
   - Vertebrate Histology: 4
   - General Chemistry: 40-41
   - Organic Chemistry: 10
   - Bio- or Analytical Chemistry: 4-5
   - Physical Chemistry: 8
   - Instrumental Analysis: 4
   - Chemistry Independent Studies: 2
   - Chemistry Seminar: 2

4. Physics and Mathematics
   - Math 111-112: 10
   - Math 205-206: 8
   - General Physics: 8
   - Total for Areas 1-4: 118-119

   * Electives Needed: 9-10

* Additional upper division credits so that upper division credits total at least 40.

**CHEMISTRY OPTION**

<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>
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</tr>
<tr>
<td>General Chemistry</td>
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<tr>
<td>Mathematics</td>
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<td>Area II Courses</td>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
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</thead>
<tbody>
<tr>
<td>Advanced General Biology</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Calculus and Analytical Geometry</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Courses</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>
**PRE-DENTAL HYGIENE**

This curriculum is designed for students interested in a professional career in dental hygiene. This particular program is designed for students planning to enroll in the dental hygiene program as sophomore or junior students at Idaho State University. The dental hygiene curriculum leads to either a Bachelor of Science or Bachelor of Arts Degree in Dental Hygiene. Those students who plan to enroll at schools other than Idaho State University are advised to pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition 101 and 102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Biology 101 and 102</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Introduction to Sociology 101</td>
<td>3</td>
<td>—</td>
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<tr>
<td>General Psychology 101</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Non-specified Electives</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Professional Speech Communication 102</td>
<td>—</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to General Chemistry 101 and 102 or General Chemistry 111 and 112</td>
<td>4(5)</td>
<td>4(5)</td>
</tr>
<tr>
<td>Mathematics 111, Algebra and Trigonometry</td>
<td>5(4)</td>
<td>—</td>
</tr>
<tr>
<td>Non-specified Elective or Foreign Language</td>
<td>—</td>
<td>3(4)</td>
</tr>
<tr>
<td>Microbiology 205</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Human Physiology and Anatomy 107</td>
<td>—</td>
<td>5</td>
</tr>
<tr>
<td>Nutrition 207</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>—</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>General Physics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area III Course</td>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>Comparative Anatomy</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Genetics</td>
<td>3-4</td>
<td>—</td>
</tr>
<tr>
<td>Vertebrate Embryology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Area I Courses</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>—</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Bacteriology</td>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>Vertebrate Histology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Mammalian Physiology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Area II Electives</td>
<td>3-5</td>
<td>12</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.
SCHOOL OF EDUCATION
Allied Health

1. Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area I Requirements</td>
<td>12</td>
</tr>
<tr>
<td>English Composition</td>
<td>6</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 with Lab</td>
<td>10</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>General Biology</td>
<td>4</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>
</tbody>
</table>

Subtotal: 83 credits

2. Electives (science) 6 courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physics (8) or Biophysics (4)</td>
<td></td>
</tr>
<tr>
<td>Genetics (3)</td>
<td></td>
</tr>
<tr>
<td>Histology (4)</td>
<td></td>
</tr>
<tr>
<td>Analytical Chemistry (5)</td>
<td></td>
</tr>
<tr>
<td>Pathogenic Bacteriology (4)</td>
<td></td>
</tr>
<tr>
<td>Cytology (4)</td>
<td></td>
</tr>
<tr>
<td>Parasitology (3)</td>
<td></td>
</tr>
<tr>
<td>Comparative Anatomy (4)</td>
<td></td>
</tr>
<tr>
<td>General Biology (8)</td>
<td></td>
</tr>
<tr>
<td>Physical Chemistry (8)</td>
<td></td>
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</tbody>
</table>

Subtotal: 22-29 credits

3. Electives (Health Science and Free)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Terminology (3)</td>
<td></td>
</tr>
<tr>
<td>Health Delivery Systems (3)</td>
<td></td>
</tr>
<tr>
<td>Public Health Administration (2)</td>
<td></td>
</tr>
<tr>
<td>Environmental Economics (proposed)</td>
<td></td>
</tr>
<tr>
<td>Preprofessional Internship (2)</td>
<td></td>
</tr>
<tr>
<td>Area I, II or III (7-14)</td>
<td></td>
</tr>
</tbody>
</table>

Subtotal: 16-23 credits

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 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. 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</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>4</td>
</tr>
<tr>
<td>General Biology</td>
<td>4</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>
</tbody>
</table>

Subtotal: 96 credits

2. Health Science, Science and Free Electives 13 credits

Total: 128 credits

3. Senior year - Clinical Class and Practice

A calendar year to be spent in the hospital training programs and it is essential that those interested in science fields which relate to the medical laboratory be well versed in physical, biological and health sciences.

Respiratory Therapy

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient's process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and 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 student will be prepared to accomplish the following objectives under medical direction:

- Administer gas, humidity, and aerosol therapy, including the administration of drugs by these therapeutic methods.
- Administer intermittent positive pressure breathing treatments.
- 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.
- 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 College (including submission or report of physical examination) and
also complete special application for the Respiratory Therapy Program. Both applications are available at the Admissions Office.

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. Complete all application requirements by March 1st of the year of enrollment.

All applications will be reviewed by the Respiratory Therapy Selection Committee following March 1st. Applicants are selected on the basis of previous academic performance, A.C.T. test scores, and health status.

Acceptance by the college does not constitute acceptance into the Respiratory Therapy Program.

All applicants will receive letters from the Director of Respiratory Therapy indicating acceptance or non-acceptance. Those accepted must submit a satisfactory chest x-ray to the Student Health Services prior to registration. Respiratory Therapy student uniforms are required.

Promotion and Graduation

1. Students must maintain a GPA of at least 2.0. A GPA of less than the required shall automatically place a student on probation.

2. Students obtaining a "D" or "F" in their RT must repeat the course and raise their grade to "C" or higher before continuing the Respiratory Therapy curriculum.

3. Students who have completed all course requirements with a GPA of 2.0 or better and no grade lower than "C" in their RT qualify for graduation.

RESPIRATORY THERAPY CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy and Physiology</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>English</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics 111 or 115</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Biophysics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Cardiopulmonary Physiology</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

17 16

Summer Session - 5 weeks

Respiratory Therapy Therapy and Clinical Practice 6 —

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Principles of Pharmacotherapeutics</td>
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<td>3</td>
</tr>
<tr>
<td>Respiratory Therapy Professional Seminar</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Respiratory Therapy 205</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td>Advanced Respiratory Therapy 221</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

MEDICAL RECORD TECHNICIAN

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.

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.

CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Medical Record Science</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Concepts of Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Human Physiology and Anatomy</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Intermediate Typing</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech-Communication</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

16 15

Summer Session: Medical Record Science - Directed Practice.

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>Medical Legal Concepts</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Advanced Medical Terminology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Data Processing or Principles of Data Processing for Non-business majors</td>
<td>—</td>
<td>3-2</td>
</tr>
<tr>
<td>General Psychology or Introduction to</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective (if needed)</td>
<td></td>
<td>2 or 3</td>
</tr>
</tbody>
</table>

14 15 or 16

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.

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>2</td>
</tr>
<tr>
<td>Beginning and Intermediate Shorthand</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td></td>
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<tr>
<td>Electives</td>
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</tr>
</tbody>
</table>

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109
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
   - Sociology
   - Psychology
   - Electives
   - Total: 6

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

C. Area II Requirements (12 credits)
   - Electives
   - Total: 12

D. Science Requirements (69 credits)
   - General Chemistry
   - Math 115-116
   - General Physics
   - Advanced General Biology
   - General Bacteriology
   - Entomology
   - Pathogenic Bacteriology
   - Food Microbiology
   - Bioecology
   - Electives
   - Total: 6

E. Public Health Requirements (19 credits)
   - Environmental Sanitation
   - Public Health Field Training
   - Public Health Administration
   - Environmental Legislation
   - Electives
   - Total: 16

For course descriptions see Part V of the catalog

ENVIRONMENTAL HEALTH

(Suggested Program)

Bachelor of Science

FRESHMAN YEAR: 1ST SEM.

- English Composition
- General Chemistry
- Math 105-106 or Math 111-112
- Man and his Environment
- Area I Electives
- Total: 16

2ND SEM.

- Psychology
- Public Health Field Training
- Electives
- Total: 16

SOPHOMORE YEAR: 1ST SEM.

- Advanced General Biology
- Elementary Organic Chemistry
- Area I Electives
- Area II Electives
- Electives
- Total: 17

2ND SEM.

- General Bacteriology
- Pathogenic Bacteriology
- Entomology
- General Physics
- Environmental Sanitation
- Area I Electives
- Area I Electives
- Total: 17

JUNIOR YEAR: 1ST SEM.

- Food Microbiology
- Mammalian Physiology
- Public Health Administration
- Electives
- Total: 13

2ND SEM.

- Introduction to Sociology
- Total: 16

Summer between Junior and Senior Year

- Public Health Field Training
- Total: 8

SENIOR YEAR: 1ST SEM.

- 210 Principles of Pharmacotherapeutics (Pharmacology) (3 credits)
- Pre-Professional Internship (2 credits)
- Courses

110 H HEALTH SCIENCES
240 Concepts and Skills of Health Assessment—Family Practice (5 credits). The course includes principles and skills in taking a health history, performing a physical, psycho-social assessments on individuals. Basic assessments of family interaction patterns and their use of community agencies are included as case studies to foster the ability of the student to engage in professional practice. Prerequisites: H-340, Concepts and Skills of Health Delivery, The Nurse’s Role II (2 credits) and Departmental permission. Spring semester.


245 Family Nurse Practice (4 credits). Basic principles and skills of primary health care for individuals (10-16 yr) are explored in theoretical and clinical settings. The student is provided the opportunity to become clinically competent in health assessments, diagnosis, and management of the uncomplicated pediatric health problems. Prerequisites: N-340, Concepts and Skills of Health Assessment and Departmental permission. Spring semester.

250 Health Delivery, The Nurse’s Role I (2 credits). The course involves the implementation of various nursing leadership theories in the delivery of health care. Multidisciplinary agencies may be used in identifying situations. Prerequisites: Professional nursing, Prerequisites: H-302. Health Delivery Systems and Departmental permission. Fall semester.

251 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 health care agencies. Prerequisites: MG-301, Principles of Management and Departmental permission. Spring semester.

252 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.

253 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: MG-301. Principles of Management and Departmental permission. Spring semester.

254 Perinatal Intensive Care Nursing (4 credits). Nursing requirements of the acutely ill pre and post-natal mother and the neonatal infant 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.

255 Family Nurse Practice (4 credits). Basic skills and principles of primary health care for adults are explored in theoretical and clinical settings. Emphasis is on prevention and promotion of health care associated with the maintenance of the normal range 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), C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are explored 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.

256 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 with the maintenance of the normal range 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), C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are explored 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.

257 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 with the maintenance of the normal range 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), C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are explored 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.

258 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 with the maintenance of the normal range 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), C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are explored 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.

259 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 with the maintenance of the normal range 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), C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are explored 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.

260 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 with the maintenance of the normal range 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), C.O.P.D.). The student will be provided the opportunity to become clinically competent in the management of individuals with stabilized chronic diseases. Family development and health problems associated with the process of aging are explored 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.
SCHOOL OF HEALTH SCIENCES
Courses RN, RT

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 with co-supervision by a nurse educator 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.

490 Overview of Acute Care Nursing Research (3 credits). This course presents an overview of ideas of nursing research appropriate to professional nursing practice, including the identification and exploration of health care problems. Prerequisites: 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 area of acute care nursing. Prerequisites: Applied Physiology: N-312, Concepts and Skills of Health Assessment and Departmental permission. Spring semester.


RN REGISTERED NURSING

120, 121 Basic Health Needs (6 credits per semester). Presents basic human needs, mental and physical health as applied to people of all ages in the community and the hospital and to the family during the reproductive cycle and crisis situations, including characteristic developmental tasks of all age groups. The student has the opportunity to develop beginning nursing skills in providing nursing care in nursing homes and hospitals in the medical-surgical and maternal-child care areas. Three lectures and 3 laboratory periods per week. Prerequisite: Admission to the Department of Nursing.

220, 221 Deviations from Basic Health (8 credits per semester). Deviations from Basic Health are presented in relation to basic concepts of human needs. The concepts of mental health, oxygen activity, nutrition, elimination, safety and comfort will be emphasized in relation to need deprivation. The clinical application will provide the student with the opportunity to apply and learn nursing skills to people of all age groups. Four lectures and 4 laboratory periods per week. Prerequisite: Core courses of the first year nursing curriculum.

223 Advanced Nursing Seminar (1 credit per semester). Discussions of factors relating to the role of the graduate as a registered nurse. Philosophy of health care and interpersonal relationships among health care workers. (One seminar per week). Prerequisite: Core courses of the first year nursing curriculum.

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.

205 Advanced Respiratory Therapy I (5 credits). The course provides advanced study and clinical practice in concepts of airway management, cardiopulmonary resuscitation, emergency procedures and long term ventilation in a hospital setting. Instruction in the care and maintenance of equipment used in clinical practice will be provided. Three lectures, 6 laboratory periods per week. Prerequisite: RT 103.

210 Respiratory Therapy Theory and Clinical Practice (6 credits). The study of gas, aerosol, and humidity therapy techniques as used in the hospital. Drug Therapy related to these techniques is presented. Instruction on care and maintenance of equipment used in clinical practice is provided. Five lecture and 5 lab periods. Prerequisite: Admission to the Respiratory Therapy program.

221 Advanced Respiratory (12 credits). The course provides advanced study and clinical practice in gas analysis, spirometry, long term ventilation, pulmonary function, and pathophysiology in a hospital setting. Prerequisites: RT 205 and RT 201.

298 Respiratory Therapy Professional Seminar (3 credits). Focuses on the ethics and medicolegal 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.
Part VIII

Graduate School
PART VIII

GRADUATE SCHOOL

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration (MBA) and Master of Arts in Elementary Education (MA). Three curricula are available for students working toward the MA. These are as follows:

I. MA in Elementary Education
   II. Curriculum in Education
   III. Curriculum in Reading Education
   III. Curriculum in Education—Core Enriched

THE GRADUATE FACULTY

Ordinarily, the Graduate Faculty are also members of the faculty of a department in one of the schools — Arts and Sciences, Business, or Education.

GENERAL INFORMATION

FOR GRADUATE STUDENTS

Application for Admission

All students who seek to earn a graduate degree from Boise State University should have received admission to the BSU Graduate School before a final program can be assured. Under no circumstances will a graduate degree be awarded to a person who has not been admitted to the BSU Graduate School.

Application for admission to the graduate programs in Education and Business Administration or general graduate study as an unclassified graduate in these areas 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.

Special Status Classification (for students admitted to BSU but not requesting admittance to the Graduate School)

Persons who feel qualified to profit from graduate courses may enroll in these under “Special Status” provided all of the following conditions are met:

1. There is space available in the class.
2. The instructor, after counseling the applicant, is satisfied that he can profit from the course.
3. The student signs a waiver form which states that he understands that he has not been admitted to graduate school; that there is no commitment to accept his special status credits toward a degree, if he should be admitted.

Other Graduate Classifications (for students admitted to BSU but not requesting admission to the Graduate School)

Students who hold a Bachelor’s or higher degree and enroll at BSU are classified as graduate students by the registrar regardless of their objectives.

Such students who take only undergraduate courses (as for certification, a second Bachelor’s degree or for courses of personal interest) need not seek admission to the graduate school and are classified as graduate essentially just for record keeping purposes.

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 (Business or Education) in which he wishes to enroll. Students interested in graduate work in business are directed to page 103; education students should see page 107.
3. Completion of the predictive examination required by the department as listed under departmental criteria. Students interested in graduate work in business are directed to page 85 education students should see page 100.
4. Recommendation for admission by the department in which the student expects to work and approval by the Graduate School.
Graduate Program Classifications (for granted admittance to the Graduate School)

Applicants may be admitted to the Graduate School under three classifications.

Regular Status: The student has been admitted with full graduate status into a graduate degree program and has received official institutional notification to this effect.

Provisional Status: An applicant may be admitted to the Graduate School with provisional status if the department or academic unit in which he plans to study requires additional evidence of his qualification for admission with regular status. No student may maintain provisional status indefinitely. The department or academic unit concerned will normally make a final determination on a student with provisional status by the time he has completed twelve (12) credits of approved study.

Unclassified Status: An applicant whose academic record indicates that he is qualified to study on the graduate level, but who is not pursuing a graduate degree program, may be admitted to the Graduate School in an unclassified status. Credit for such work must be approved by the department or academic unit concerned. After a review of the proposed program of study has been made, this status is intended for students seeking 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 500 level courses for upper division credit applied to their bachelor's degree program. The necessary permit forms are available through the Admissions Office and the office of each dean. Determination of what constitutes a "senior" for the purposes of this policy is left to the graduate dean.

Graduate Credit for Seniors

A Boise State University senior with the approval of the department in which he plans to work and the Graduate Dean may enroll for graduate credit during his senior year insofar as these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the 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, 572) will be counted as one course, one repeat, for the purposes of this policy. A student who earns a grade of "F" may not count a retaken course toward any master's degree program at Boise State University.

This rule implies that a student who gets an "F" in a required core course in the MA program — (TE-570, 571, 572) 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 be 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 will establish with the student a program of study, direct any thesis or graduate projects, and administer his final examinations.

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 the Cooperative Graduate Center or through inter-institutional cooperative graduate programs, if approved by the schools fielding the program, can be accepted as residence credit.

Time Limitations

All work offered toward a master's degree from Boise State University must be completed within a period of seven (7) calendar years. The seven (7) year time interval is to commence with the beginning of the oldest course (or other academic experience) for which credit is offered in a given master's degree program, and the interval must include the date of graduation when the master's degree from Boise State is given.

Challenge Policy

The provisions of the challenge policy stated in the catalog section, Admission Requirements to the College under subsection Challenging Courses - Granting Credit by Examination (see page 6) 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 program development forms — the list of courses and projects which comprise the MBA or MA. This list, properly approved, constitutes the students program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's supervisory committee and be approved by the Dean of the Graduate School.

Program Development Form

Graduate students in Regular Status will complete a Program Development Form with their advisor or committee before the end of the first academic period (summer, fall, or spring) in which they take graduate work at Boise State University, after having been notified of admission in Regular Status. With the word Regular changed to read Provisional, the above rule also applies verbatim to students notified of admission in Provisional Status.

This rule does not apply to students admitted in Unclassified Status, nor does it apply to Special Status Classification students (these are admitted only to Boise State 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 (Business and Education). 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.

Any courses being offered as transfer credit, as credit reserved, as credit through the Cooperative Graduate Center, 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 by completing and filing amended or new Program Development Forms as necessary.

The Program Development Form is to be used to effect a change of status from Provisional to Regular. That is, when a student is given Provisional Status the admission letter states what must be done to attain Regular Status. When this contract is completed, the student obtains Regular Status by completing a new (Regular Status) Program Development Form and filing it with his committee or advisor.

Final Examination Requirements

The requirement of a final examination, written, oral, or both, 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 (Business or Education) of the school fielding the program.

Application for Predictive Examinations

As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria 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

699—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.

896—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. The school of business has a limitation of 3 credits Internship and/or Independent Study for MBA students.

Elementary Education with Core Enrichment

This curriculum in Elementary Education with Core Enrichment is essentially the same as the curriculum in Elementary Education. The distinctive feature is that an approved program may be designed for specialization in a given departmental area such as art, humanities, mathematics, music, or science, to name just a few possibilities. Approved programs will include the basic elementary core of nine (9) semester hours and will allow no more than fifteen (15) of the remaining hours to be in any one departmental area. Various departments in The School of Arts and Sciences offer graduate courses designed especially for students in the Elementary Education programs.
Limitations on Student Course Loads

Graduate students seeking to take courses for graduate credit only in the evening or only in the early morning and in the evening (due to a 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 significances:

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 Research
592 Colloquium
593 Thesis
594 Extended Conference or Workshop (Graded A-F)
595 Reading and Conference
596 Independent Study
597 Special Topics
598 Seminar
599 Short-Term Conference or Workshop (Graded Pass or Fail). This number is available in any semester or session for courses meeting three (3) weeks or less.

COURSES FOR GRADUATE CREDIT

Undergraduate Courses for Graduate Credit

E 487G 20th Century Anglo-American Poetry 03 credits
E 488G Meth. & Theories of Literary Criticism 03 credits
HY 334g United States Social and Cultural History 03 credits
TA 421g Theatre History 03 credits
TA 422g
TA 487g Children’s Theatre 03 credits
TA 488g
AC 440G Accounting Theory 03 credits
EC 421G Econometrics 03 credits
EC 422G
GB 441G Government and Business 03 credits
MK 415G Market Research 03 credits
P 421g Psychological Measurement 03 credits

GRADUATE COURSES

School of Arts and Sciences

AR 521 Teaching Through Experimental Art Media 03 credits
AR 522 (Summer School Only)
AR 598 Seminar in Art 03 credits
GO 511 Environmental Geology 03 credits
GO 521 Advanced Topics in Earth Science for Elementary Teachers 03 credits
GO 597 Independent Study and Research for Elementary Teachers 1-4 credits
GS 501 History of Science 03 credits

GRADUATE SCHOOL

HY 501 History of Science 03 credits
M 503 Algebraic Systems 03 credits
M 504 Geometric Concepts 03 credits
M 561 Mathematics for Operations Research 04 credits
MU 571 Advanced Practices and Principles in Teaching Music in the Elementary School 03 credits
MU 572 Listening and Singing Experiences for the Elementary School 03 credits
PS 501 Basic Physical Science for Elementary Teachers 03 credits
School of Business

Core Courses
MB 510 Business and its Environment 03 credits
MB 512 Quantitative Methods for Business Decisions 03 credits
MB 519 Marketing Analysis 03 credits
MB 530 Financial Management 03 credits
MB 532 Accounting—Planning and Control 03 credits
MB 540 Organization Theory 03 credits
MB 550 Managerial Economics 03 credits
MB 579 Business Policy Formulation 03 credits

Elective Courses
MB 511 Business Research and Communication Techniques 03 credits
MB 520 Marketing Problems 03 credits
MB 541 Personnel Policy 03 credits
MB 542 Computer Applications for Management 03 credits
MB 580 Selected Topics—Accounting 03 credits
MB 581 Selected Topics—Information Systems 03 credits
MB 582 Selected Topics—Economics 03 credits
MB 583 Selected Topics—Finance 03 credits
MB 584 Selected Topics—Industrial Psychology 03 credits
MB 585 Selected Topics—Management 03 credits
MB 590 Internship—Variable credit
MB 596 Independent Study Variable credits
MB 598 Seminar 01 credit

School of Education

P 501 Counseling and Guidance in the Elementary Classroom 03 credits
P 502 Advanced Educational Psychology 03 credits
P 503 Individual Testing Practicum 03 credits
P 504 Analysis of the Individual 03 credits
P 505 Personality Development 03 credits
TE 501 Advanced Practices and Principles in Teaching Reading 03 credits
TE 502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) 03 credits
TE 503 Remediation of Reading Problems (Directed Experiences in the Reading Center) 03 credits
TE 504 Seminar in Reading Education 03 credits
TE 505 Tests and Measurements 03 credits
TE 515 Development of Skills for Teaching Pupils with Learning Difficulties 03 credits
TE 516 Development of Skills for Teaching the Fast Learner 03 credits
TE 517 Development of Skills for Teaching the Mentally Retarded 03 credits
TE 518 Techniques for Creative Writing in Elementary Schools
TE 519 Advanced Children’s Literature 03 credits
TE 520 Educational Media 03 credits
TE 521 Elementary Physical Education Activities 03 credits
TE 522 Individualization of Reading Instruction 03 credits
TE 510 Advanced Practices and Principles in Teaching School Science 03 credits
TE 511 Advanced Practices and Principles in Teaching Elementary Mathematics 03 credits
TE 512 Advanced Practices and Principles in Teaching Language Arts and Linguistics 03 credits
TE 513 Advanced Practices and Principles in Teaching Elementary Science 03 credits
TE 514 Advanced Practices and Principles in Teaching the Humanities 03 credits
TE 570 Comprehensive Core for Elementary Education 03 credits
TE 571 03 credits
TE 572
TE 598 Seminar in Elementary Education 03 credits

Note: Course descriptions are given in the individual school’s graduate course sections.
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, physical exam, GATB test scores and an acceptance by a counselor.
(b) Educational Background: Request a transcript of High School credits and, if applicable, a transcript of College credits be sent by the institution(s) directly to the Director of Admissions.
(c) Aptitude Test: Contact the nearest local office of the Department of Employment and request a General Aptitude Test Battery to be taken and request that the office send the results directly to the Vocational-Technical School, Boise State University, Boise, Idaho 83725.
(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 planning 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 toward an academic degree.

FRESHMAN YEAR:

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<tr>
<th>COURSE</th>
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<tr>
<td>101-102 Horticulture Laboratory</td>
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<tr>
<td>111-112 Communication Skills</td>
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SOPHOMORE YEAR:

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<td>201-202 Horticulture Laboratory</td>
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<tr>
<td>241-242 Related Science</td>
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<td>251-252 Horticulture Theory</td>
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<td>262 Occupational Relationships</td>
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<td>271 Individual Project</td>
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<td>213-214 Credits and Collections</td>
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<tr>
<td>101 Retail Selling</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 to 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; economic and other factors limiting 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 methods of plant propagation; construction of growing containers and houses; arrangements and implementation of an entire greenhouse operation; the use of insecticides, pesticides, etc. and precautions necessary during use.

111-112 Communication Skills (3 credits). To manage symbols and discover meaning, candidacy, clearly and exactly is the performance objective of Communication Skills. As a means of expressing, 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, percentage, discriminate numbers, square root, measurement. Second semester — development of the principles of related bookkeeping and accounting. Specific areas to be covered include: income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll, etc. Three clock hours per week.

VOCATIONAL TECHNICAL SCHOOL

Machine Shop

141-142 Related Basic Science (2 credits). First semester — developing comprehension of the scientific principles utilized in (1) plant identification; (2) plant growth and development; (3) limiting factors; (4) soil. Second semester — developing comprehension of the scientific principles utilized in (1) plant propagation; (2) construction materials; insecticides; pesticides. Two clock hours per week.

161-162 Horticulture Theory (5 credits). First semester — developing comprehension; analysis; and evaluation of the following: (1) introduction to the field of horticulture; (2) plant classifications and growth; (3) climate and other growth limiting factors. (4) soil and soil amendments. Second semester — developing comprehension; analysis; and evaluation of the following: plant propagation (sexually); growing containers; insect and disease control. Seven clock hours per week.

161 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures; growing greenhouse crops, and basic first aid. Fifteen clock hours per week.

201 Horticulture Theory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures; growing greenhouse crops, and basic first aid. Fifteen clock hours per week.

211 Related Science (2 credits). Developing comprehension of the scientific principles utilized in (1) power equipment; (2) lawn and shrub maintenance; and (3) plant wounds.

251 Horticulture Theory (5 credits). Developing comprehension, analysis, and evaluation of the following: (1) various types of construction common to plant growing, i.e.: greenhouses, cold frames, hot beds, lath houses, propagators, germinators, etc.; (2) materials of construction, i.e. concrete, mortar, block, brick, stone, wood, etc.; (3) greenhouse crops: (4) first aid. Seven clock hours per week.

252 Horticulture Theory (5 credits). Developing comprehension, analysis and evaluation of the following: (1) power machines as used in horticulture, i.e.: mowers, tillers, saws, shredders, aerifiers, sod cutters, pesticide applications, etc. (2) turf, shrub, and tree management procedure; (3) prevention and treatment of plant wounds. Seven clock hours per week.


271 Individual Projects (3 credits). Providing the opportunity for the student to apply his prior education in planning, developing and completing a unique, practical horticulture 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.

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<tr>
<th>COURSE</th>
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<tr>
<td>101-102 Machine Shop Laboratory</td>
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<td>111-112 Communication Skills</td>
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<td>131-132 Related Basic Mathematics</td>
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<td>151-152 Related Theory</td>
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SOPHOMORE YEAR:

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<th>COURSE</th>
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<td>231-232 Related Advanced Mathematics</td>
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<td>241 Machine Shop Science</td>
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<td>251-252 Related Advanced Theory</td>
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<td>262 Occupational Relationships</td>
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COURSES

MS MACHINE SHOP

101, 102 Machine Shop Laboratory (8 credits). The course covers safety, good shop practice, good work habits, and production rates. The set-up and operation of the lathes, milling machines, drill presses, shapers, power saws, grinders, bench drill, layout, and the use of special attachments. Twenty laboratory hours per week each semester.
VOCATIONAL TECHNICAL SCHOOL
Office Machine Repair

111, 122 Communication Skills (3 credits). To manage symbols and discover meaning, candidly and clearly 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 (2 credits). A study of fractions, decimals, ratio and proportion, and use of tables as applied to the machine shop. Also basic algebra, advanced algebra and geometry as applied to the machine shop. Three clock hours per week each semester.

151, 152 Related Theory (3 credits). This course provides the knowledge necessary for the machine shop student to understand the machining processes and their application as practiced in the laboratory course. Safety and good shop policy are emphasized in all phases of instruction. The set-up, care and maintenance of the machine tool as well as the theory of measuring tools, speeds and feeds, metal cutting selection of feeds, tool design, coolant, allowance and tolerance, indexing, gear, and production methods. Blueprint reading and sketching is also studied. Four lecture hours per week each semester.

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, tool and cutter grinders, surface grinder, heat testing, hardens testing, layout, inspection, tracer lathes, and numerical control mill set-up, operation and programming. Sixteen laboratory hours per week each semester. Prerequisite: Machine Shop Laboratory MS-102.

231, 232 Related Advanced Mathematics (3 credits). A study of the trigonometry as applied to shop problems and the mathematics needed for numerical control machining. Three hours per week each semester. Prerequisite: Related Basic Mathematics MS-132.

241 Machine Shop Science (2 credits). A study of the scientific principles required in the machinist trade. Three clock hours per week each semester.

251, 252 Related Advanced Theory (3 credits). Metals and their properties, alloys and their characteristics, production of metals, analysis of tool steels, heat treatment, hardness testing, inspection, jig and fixture design, and numerical control theory as related to the machine shop. A study of new trends of materials, equipment and techniques that are being developed in the machine industry. Four lecture hours per week each semester. Prerequisite: Related Theory MS-152.


OM OFFICE MACHINE REPAIR

The course and outline in Office Machine Repair has been developed to give the student of the course enough basic knowledge to be productive and able to perform the average job without any additional training. He will be qualified to make maintenance contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. He will be trained in Basic Electronics, testing procedures, and related maintenance techniques for manual, electric, and electronic business machines. This is a two-year course and credits are not counted toward an academic degree.

FRESHMAN YEAR:

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<tr>
<th>Course</th>
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<tr>
<td>OM-101-102 Office Machine Repair Lab</td>
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<tr>
<td>OM-131-132 Related Elec. Math.</td>
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<td>OM-143-144 Related Elect. Theory</td>
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<td>OM-145-146 Electronics Lab</td>
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<tr>
<td>OM-151-152 Rel. Basic Theory</td>
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<td>W131-132 Related Basic Math</td>
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<td>W151-152 Welding Theory</td>
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WELDING

The welding curriculum is designed to provide two levels of training. The first year will provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

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<th>Course</th>
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<tr>
<td>OM-201-202 Adv. Office Machine Repair Lab</td>
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<tr>
<td>OM-241-242 Related Electronics Science</td>
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<td>OM-243-244 Adv. Digital Electronics</td>
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<td>OM-251-252 Related Advanced Theory</td>
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<td>OM-262 Occupational Relationships</td>
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<td>MM-101 Retail Selling</td>
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<tr>
<td>OM-271-272 Basic Machine Operation</td>
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<td>W131-132 Related Basic Math</td>
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<td>W151-152 Welding Theory</td>
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COURSES

**WELDING COURSES**

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, candidly, clearly and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a non-graded, one semester, credit course designed to maximize personal involvement.

131-132 Related Basic Mathematics (3 credits). Basic review of addition, subtraction, multiplication and division of fractions, decimals and mixed numbers with application to basic blueprint reading, layout problems, framing square and weld symbols.

151-152 Welding Theory (2 credits). This course provides the knowledge necessary for the welding student to understand the welding processes and their appreciation as practiced in the laboratory course. Safety is emphasized in all phases of instruction. The set-up, care and maintenance of oxyacetylene equipment as well as the theory of oxyacetylene burning, welding and brazing is studied. Arc welding equipment and methods are studied with the selection of electrodes for welding of mild and low alloy steels. Continuance feed and submerged arc welding processes are covered. Four hours per week both semesters.

201-202 Advanced Welding Laboratory (8 credits). Pipe welding in the horizontal and vertical fixed positions; semi-automatic gas welding and of similar and dissimilar metals and exotic metals. Stress relieving and heat treatment of welding 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 design and 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 use; 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; Operators qualifications; heat treatment of steels; testing and inspection of welds; behavior and influences of alloys in iron, steel and testing and inspection of welds; behavior and influences of alloys in iron, steel and welding; for job, quality control and installation and maintenance of equipment.

COURSES

CC CHILD CARE

101 Introduction to the Young Child and His World (3 credits). A beginning study of child development as it pertains to the preschool child. A study of the types of centers and schools suitable for young children and of the types of methods which are used with the young children.

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 maintain a sound service or business. Needs of children as well as general health and safety education will be covered. Emphasis will be placed on providing a safe, healthful and pleasant life for children.

151 The Young Child and His World (3 credits). A continuation of the Introduction to the Young Child and His World. Emphasis will be given to individual differences, and how to handle them as well as to some child psychology.

171 The Curriculum of the Young Child: Experience with Living Things (4 credits). Introduction to the curriculum media suitable for use with young children; this course will include books, stories, music, art, literature, rhythms, dramatic play, experiments and field trips available.

172 The Curriculum of the Young Child: The Child Centered, Society Centered, Subject Matter Centered Curriculum (5 credits). A continuation of Curriculum of the Young Child I. This course will stress creativity with special emphasis of the development of the young child. Music, art, literature, and symbolic media will be stressed.

181-182 Supervised Student Experiences (5 credits). Observation and participating in a child center under supervision of a qualified instructor. Three hours daily will be devoted to laboratory participation, observation, and field trips.

201-202 Child Care Laboratory Supervision (5-6 credits). This course is designed to enable the student to gradually assume responsibility for the total day care operation under supervision and consultation of the instructor.

231-232 Record Keeping (2-3 credits). A course designed to review business arithmetic and develop accuracy in keeping money, attendance, social security and tax records, necessary in the operation of a business establishment.

241 Feeding Children (3 credits). The course is designed to help the student plan and prepare nutritious breakfasts, snacks and lunches for a child day care center.

251 Advanced Child Care (3 credits). A course designed to further student’s understanding of the physical, social, emotional and mental development of children from school age to adolescence. (Guidance techniques in handling problems and the dynamics of behavior are considered.)

252 The Family (3 credits). This course is designed to give the student a basic understanding of the dynamics of family interaction and how children are affected. Ethnic, social and cultural influences are considered.


262 Community Relations (3 credits). A course designed to help students gain an understanding of good working relationships with adults (including parents), community leaders and employers in order to effectively use community resources.

271 Organization and Administration of Child Care Centers (3 credits). This course will enable supervisors to establish management procedures, work with substitutes and superiors, purchase goods and services and develop a procedure for maintaining a sound service or business. Needs of children, agencies and communities will be considered.

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 lapse since their last formal schooling.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDIT EQUIV.</th>
<th>HOURS PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-010 Blue Print Reading and Basic</td>
<td>4</td>
<td>14 hours</td>
</tr>
<tr>
<td>PT-020 Intro. to Tech. Communications</td>
<td>(Lec. 9 Lab.)</td>
<td>3 hours Lec.</td>
</tr>
<tr>
<td>PT-030 Intro. to Tech. Mathematics</td>
<td>4</td>
<td>5 hours Lec.</td>
</tr>
<tr>
<td>PT-040 Science Survey</td>
<td>4</td>
<td>5 hours Lec.</td>
</tr>
<tr>
<td>PT-050 Technical Orientation</td>
<td>1</td>
<td>3 hours Lec.</td>
</tr>
</tbody>
</table>

Totals 16 30 hours

The above non-credit courses are open to all students entering the technical programs in Boise State University.

The above sequence is offered every semester, as student pressure demands and will allow admittance in the spring as well as the fall semester.

DRAFTING TECHNOLOGY

This curriculum is organized to provide engineering departments, government agencies, consulting engineers and architectural firms with a technician well trained in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in firms or agencies that employ draftsmen. Credits in this course of study are not counted toward an academic degree. Drafting Technology curriculum is open to both male and female students. All courses are taught each semester, so that students may enter at the beginning of any regular semester.

First Semester

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT 101 Drafting Lab and Lecture</td>
<td></td>
</tr>
<tr>
<td>DT 111 Communication Skills</td>
<td></td>
</tr>
<tr>
<td>DT 131 Mathematics</td>
<td></td>
</tr>
<tr>
<td>DT 141 Science</td>
<td></td>
</tr>
<tr>
<td>DT 153 Manufacturing Processes</td>
<td></td>
</tr>
</tbody>
</table>

Second Semester

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT 102 Drafting Lab and Lecture</td>
<td></td>
</tr>
<tr>
<td>DT 112 Communication Skills</td>
<td></td>
</tr>
<tr>
<td>DT 122 Introduction to Surveying</td>
<td></td>
</tr>
<tr>
<td>DT 132 Math</td>
<td></td>
</tr>
<tr>
<td>DT 142 Science</td>
<td></td>
</tr>
</tbody>
</table>

Third Semester

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT 201 Drafting Lab and Lecture</td>
<td></td>
</tr>
<tr>
<td>DT 221 Descriptive Geometry</td>
<td></td>
</tr>
<tr>
<td>DT 231 Applied Mathematics</td>
<td></td>
</tr>
<tr>
<td>DT 241 Statics</td>
<td></td>
</tr>
<tr>
<td>DT 253 Design Orientation</td>
<td></td>
</tr>
</tbody>
</table>

Fourth Semester

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT 202 Drafting Lab and Lecture</td>
<td></td>
</tr>
<tr>
<td>DT 222 Technical Report Writing</td>
<td></td>
</tr>
<tr>
<td>DT 232 Applied Mathematics</td>
<td></td>
</tr>
<tr>
<td>DT 242 Strength of Materials</td>
<td></td>
</tr>
<tr>
<td>DT 262 Occupational Relationships</td>
<td></td>
</tr>
</tbody>
</table>

*OR approved elective

DT DRAFTING TECHNOLOGY

101-102 Drafting Laboratory and Lecture (4 credits). Architectural drafting with introduction to use of standards, specifications, and building codes: perspective and rendering. Prerequisite DT-101. 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 nongraded, two semester, credit course designed to maximize personal involvement.
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 research and development.

Credits in these courses of study are not counted toward an academic degree. The Electronics curricula are open to both men and women students.

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-101-102</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>ET-111-112</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ET-131-132</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>ET-141-142</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>ET-171-172</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ET-151-152</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>18</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-101-102</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>ET-231-232</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ET-241-242</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>ET-251-252</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>ET-262</td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>
VOCATIONAL TECHNICAL SCHOOL
Fashion Merchandizing

THIRD SEMESTER

FT-231 Restaurant Accounting & Office Procedures 3
FT-221 Catering & Beverage Control 3
FT-201 Baking 3
FT-202 Restaurant Management 5
FT-241 Specialty Cooking 2

COURSES

FT FOOD SERVICE TECHNOLOGY

101 Food Presentation Systems Techniques (4 credits). This course covers the practical side of handling prepared food, bus and set tables. We discuss room etiquette. Dishwashing room and cashiering. We coordinate the theory of department technical courses with actual large quantity food service practice in situations such as would be found in the food service industry. Twenty clock hours per week.

102 Food Preparation Laboratory (6 credits). This course is designed to correlate the theory of department technical courses with actual large quantity food service practice in situations such as would be found in the food service industry. Twenty clock hours per week.

111 Communications Skills (2 credits). To manage symbols and discover meaning, candidly, clearly, and exactly is the primary objective of Communication Skills. We train as workers, citizens and human beings, 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 well as food standards. This covers proper store room procedures, issuing, and record keeping dealing with vendors and salesmen, and product cutting and testing. Three clock hours per week.

131 Applied Mathematics (2 credits). A review of fundamental mathematical operations used in a food establishment. Converting and rounding standard formulas, baker's scale drill, guest checks, weights and measurements and business forms. Three clock hours per week.

133 Business Math and Machines (2 credits). Fundamental operations of arithmetic in relation to Foodservice Businesses. The student receives instruction on ten-key adding machines, calculators, etc.

141 Basic Nutrition (2 credits). Study of fundamentals of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

151 Food Theory and Techniques (5 credits). This class is designed to develop an understanding of the basic principles of cookery: skill and efficiency in preparation of foods, an appreciation of high standards of production, efficient use of time and attractive sanitary service of foods, an appreciation for the care and safe use of equipment and utensils in the kitchen, and effective and cooperative working habits. We introduce the student to the use of large quantity equipment and to develop an understanding of the basic principles of cookery and also to gain knowledge of foods and their uses. Ten clock hours per week.

162 Menu Planning (3 credits). The characteristics of a good menu, types of menus, the relationship between menu planning and personnel and equipment, sales history and productions sheets will be studied to aid the student in writing successful menus. Two clock hours per week.

154 Food Standards (2 credits). The study of the factors to be considered when purchasing food. The use of certain factors when writing specifications for purchasing food to meet 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, dessert items both plain and fancy. 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 in their paid employee position. He does every position in the kitchen and dining room. Twenty-four clock hours per week.

221 Catering and Beverage Control (3 credits). Practical approach to catering food service operations, covering theory in personnel duties, guarantees, menu pricing, function room profits, 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 the balance sheet, income statement, payroll reports, sales income, time cards, records, reports, Federal 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 coordinates food merchandising and promotion towards increased sales volume. A fourth semester course. Two 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 critically a number of demonstrations, and an opportunity to judge objectively the work of others. A fourth semester course. Two clock hours per week.

MM MARKETING, MID-MANAGEMENT—Courses
Course offerings are described in Part V.

VOCATIONAL

One Year Programs

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 glass and frame alignment work are also covered. The student is given the opportunity to work on a variety of repair jobs in the shop, and to spend time in the parts and tool room. This training provides students with the necessary skills and knowledge for employment in the Auto Body Trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB-121-122-123</td>
<td>Auto Body Lab</td>
<td>10</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>AB-141-142-143</td>
<td>Auto Body Theory</td>
<td>7</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>AB-262</td>
<td>Occupational Relationships</td>
<td>—</td>
<td>—</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>17</td>
<td>17</td>
<td>12</td>
</tr>
</tbody>
</table>

AM AUTO MECHANICS 11 Month Program

The modern developments in our enormous automotive industry demand the employment of highly skilled mechanics, well-trained in maintenance and repair techniques. This course provides the basic background and experience necessary for employment in the automotive mechanics field and allied vocations. Credit in this course of study are not counted toward an academic degree.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM-101-102-103</td>
<td>Automobile Lab</td>
<td>10</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>AM-151-152-153</td>
<td>Automotive Theory</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>AM-262</td>
<td>Occupational Relationships</td>
<td>2</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td>17</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

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, day care centers, nurseries, kindergartens and child development centers.

Entrance Requirements

Personal interest, interview, and aptitude testing.

DAY CARE ASSISTANT:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC-101</td>
<td>Introduction to the Young Child and his World</td>
<td>3</td>
</tr>
<tr>
<td>CC-141</td>
<td>Health and Care of the Young Child</td>
<td>—</td>
</tr>
<tr>
<td>CC-171-172</td>
<td>Curriculum of the Young Child</td>
<td>4</td>
</tr>
<tr>
<td>CC-111</td>
<td>Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>CC-181-182</td>
<td>Supervised Student Experiences I, II</td>
<td>5</td>
</tr>
<tr>
<td>CC-151</td>
<td>The Young Child and His World</td>
<td>—</td>
</tr>
<tr>
<td>CC-262</td>
<td>Occupational Relationships</td>
<td>17</td>
</tr>
</tbody>
</table>

CC CHILD CARE STUDIES (Assistant)

Child Care Studies (Assistant) courses are described under Vocational Two-Year Programs.
VOCATIONAL TECHNICAL SCHOOL
One Year Program

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.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-101-102</td>
<td>Dental Laboratory</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>DA-106</td>
<td>Dental Assisting Clinical Experience</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>DA-108</td>
<td>Dental Office Management</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>DA-109</td>
<td>Public Health and Dental Hygiene</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>DA-111-112</td>
<td>Communication Skills</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>DA-151-152</td>
<td>Dental Theory</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>DA-262</td>
<td>Occupational Relationships</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>CM-111</td>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>PE-105</td>
<td>First Aid (Elective)</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>20</strong></td>
<td><strong>14</strong></td>
<td></td>
</tr>
</tbody>
</table>

COURSES

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.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>FALL</th>
<th>SPRING</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM-101-102-103</td>
<td>Diesel Laboratory</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>DM-151-152-153</td>
<td>Diesel Theory</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>DM-262</td>
<td>Occupational Relationships</td>
<td>—</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>15</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
<td></td>
</tr>
</tbody>
</table>

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.

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.
QUALIFIEDNURSES

Eligible to take the state licensing examination, which, if passed, is awarded upon graduation from the course. Students are then given practical nursing experience and classroom instruction. A certificate is issued with all phases of the nursing business. A study of index systems, types of invoices, customer relations, refunding, 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.

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, 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.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery.

VOCATIONAL TECHNICAL SCHOOL

SMALL ENGINE REPAIR
(Recreational Vehicles) 9 months

The Small Engine Program will include classroom and shop experience concerned with maintaining and repairing a variety of two cycle and four cycle engines used on portable power equipment, e.g., lawn mowers, outboard motors, chain saws, rotary tillers and recreational vehicles. Training will emphasize the complete repair of all types of small engine equipment.

Credit in this course of study are not counted toward an academic degree.

COURSES

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 percentages are covered. Micrometer readings to ten one-thousandths of an inch are taught. The different types of discounting are fully covered.

151-152 Automotive Parts Theory (5-5 credits). Through the use of catalogs, manuals, visual aids and class lectures, theory and application of procedures are taught. New methods such as microfilm readers are used in the theory portion of the class.


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.

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.
VOCATIONAL-TECHNICAL SCHOOL
Other Programs

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM.</th>
<th>2nd SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 101-102 Welding Lab</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>W 111 Welding Comm.</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>W 131-132 Basic Math</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>W 151-152 Welding Theory</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>W 262 Occupational Relationships</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

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 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.

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)
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.

EL - Electrical Lineman - Courses

101-102-103 Lineman Lab 10-10-10 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, street lights, installation of services, tree trimming, and the use and care of safety equipment. 25 hours per week.

151-152-153 Lineman Theory 5-5-5 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 technique, transmission, distribution systems, underground procedures, first aid, and safety. 10 hours per week.

262 Occupational Relationships 2 credits

Course No. and Title       Fall   Spring   Summer
EL 101-102-103 Lineman Lab  10     10      10
EL 151-152-153 Lineman Theory  5         5
EL 262 Occupational Relationships  2         -
                                   17     15      15
BOISE STATE UNIVERSITY
Faculty

Boise State Full-Time Faculty
January, 1975
(The date in parentheses is the year of first appointment)

A

LOUISE ACKLEY, Assistant Professor of English .......... (1969)
A.B., Northwest Nazarene College; M.A., University of Washington.

DOROTHY ALBERTSON, Associate Professor of Office Administration .......... (1953)
B.S. (Ed.), University of Nebraska; M.A., College of Idaho; State University College of Plattsburg, New York; University of Idaho; University of Denver.

JOHN W. ALLEN, Assistant Professor of Physics .......... (1971)
B.A., Willamette University; M.A., Ph.D., Harvard University.

ROGER H. ALLEN, Associate Professor of Business Administration .......... (1966)
A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.

ROBERT M. ANDERSON, Assistant Professor of Mathematics .......... (1970)
B.S., Utah State University; Ph.D., Michigan State University.

DAVID C. ANDRESEN, Assistant Professor; Acquisitions Librarian .......... (1971)

JAMES K. APPLEGATE, Assistant Professor of Geology (1973)
Geophysical Engineer, M.S., Ph.D., Colorado School of Mines.

CARLOS ARREOLA, Instructor, Psychometrist, Counseling, Guidance, and Testing Center .......... (1973)

E. BARRY ASMUS, Assistant Professor of Economics .......... (1971)
B.S., M.S., Colorado State University; Ph.D., Montana State University.

B

STEVEN F. BAGGERLY, Instructor in Machine Shop .......... (1968)
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CHARLES W. BAKER, Associate Professor of Biology .......... (1968)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.

RICHARD BAKER, Assistant Professor of Sociology .......... (1973)
B.A., M.A., University of Wyoming; Ph.D., Washington State University.

JOHN B. BALDWIN, Assistant Professor of Music .......... (1971)
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GWYNN BARRETT, Associate Professor of History .......... (1968)
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WYLLA BARSNESS, Associate Professor of Psychology .......... (1968)
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KATHRYN I. BECK, Assistant Professor of Social Work .......... (1972)
B.A., Washington State University; M.S.W., Florida State University.

ROGER L. BEDARD, Instructor in Theatre Arts .......... (1973)
B.A., University of Northern Iowa; M.F.A., University of Oregon.

ROBERT P. BEHLING, Assistant Professor of Accounting and Data Processing .......... (1974)
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H. WILLIAM BELKNAP, Associate Professor of Biology .......... (1959)
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JOHN H. BEST, Professor of Music .......... (1947)
B.S., University of Idaho; M.A., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzel; Composition and Theory Pupil of J. DeForest Cline and Henry Trustman Ginsburg; Suzuki Institute and Toho School, Japan.

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JOHN PATRICK BIETER, Associate Professor of Teacher Education and Library Science .......... (1969)
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A. JERRY DAVIS, Director High School & University Relations, Assistant Professor (1968)
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JAMES D. DOUGLASS, Jr., Instructor in Art (1972)
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EVELYN EVERTS, Associate Professor, Reference Librarian (1957)
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GENGER A. FAHLESON, Instructor of Physical Education (1974)
B.S., University of Nebraska - Lincoln; M.Ed., Bowling Green State University.

DAVID JOHN FERGUSON, Associate Professor of Mathematics (1970)
B.S., Ph.D., University of Idaho.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Years</th>
<th>Education</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DENNIS B. FITZPATRICK</td>
<td>Assistant Professor of Finance</td>
<td>(1972)</td>
<td>B.S., University of Colorado; M.B.A., University of Santa Clara; D.B.A., University of Colorado.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>B.S., University of Colorado, M.B.A., University of Santa Clara; D.B.A., University of Colorado.</td>
<td>Boise State University.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>NANCY L. FLEMING</td>
<td>Associate Professor of Nursing</td>
<td>(1963)</td>
<td>B.S.N., University of Nebraska College of Medicine; M.S.N., Montana State University.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>ALLAN WALKER FLETCHER</td>
<td>Assistant Professor of History</td>
<td>(1970)</td>
<td>B.S., Louisiana State University; M.A., Ph.D., University of Washington.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>CAROL FOUNTAIN</td>
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<td>(1967)</td>
<td>A.S., Boise Junior College; B.S.N., University of Washington; M.N., Montana State University.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>E. COSTON FREDERICK</td>
<td>Associate Professor of Education</td>
<td>(1971)</td>
<td>B.S. Ed., Indiana State Teacher's College, M.Ed., Temple University; Ph.D., Syracuse University.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>ROBERT L. FRIEDLI</td>
<td>Assistant Professor of Teacher Education</td>
<td>(1972)</td>
<td>B.S., M.Ed., Utah State University; Ph.D., University of Utah.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>ALBERT J. FUEHRER</td>
<td>Instructor in Auto Mechanics</td>
<td>(1965)</td>
<td>Northwest Nazarene College; Idaho State University; Specialized Automotive Training, United Motor Service, Tigard, Oregon; Allen Tune-up School, Sun Tune-up School, Carter Carburetor Specialized training class; Rochester Specialized training class; Champion Technical Training School.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>EUGENE G. FULLER</td>
<td>Associate Professor of Zoology</td>
<td>(1967)</td>
<td>B.S., M.S., University of Nevada; Ph.D., Oregon State University.</td>
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</tr>
<tr>
<td>EUGENE I. FURUYAMA</td>
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<td>(1972)</td>
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</tr>
<tr>
<td>NORMAN D. GARDNER</td>
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</tr>
<tr>
<td>JERRY C. GEHPART</td>
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</tr>
<tr>
<td>WILLARD H. GODFREY JR.</td>
<td>Associate Professor of Marketing</td>
<td>(1970)</td>
<td>B.S., Brigham Young University; M.S., University of Arizona; Ph.D., Montana State University; University of Colorado; Colorado State University.</td>
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</tr>
<tr>
<td>ROGER D. GREEN</td>
<td>Vice-President for Financial Affairs</td>
<td>(1971)</td>
<td>B.S., M.S., Kansas State Teachers College; University of Minnesota.</td>
<td>Boise State University.</td>
</tr>
<tr>
<td>DAVID GROEBNER</td>
<td>Assistant Professor of General Business</td>
<td>(1973)</td>
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<tr>
<td>DON P. HAACKE</td>
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</tr>
<tr>
<td>JAMES E. HADDEN</td>
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<td>(1972)</td>
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</tr>
<tr>
<td>CLAYTON W. HAHN</td>
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<td>(1948-52, 1963)</td>
<td>B.S. (M.E.), University of Colorado; University of Montana; Montana State College; University of California at Los Angeles; University of Southern California; University of Nebraska.</td>
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</tr>
<tr>
<td>MARK HANSEN</td>
<td>Assistant Professor in English</td>
<td>(1969)</td>
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<tr>
<td>RICHARD HART</td>
<td>Associate Professor in Economics; Director, Center for Business and Economic Research</td>
<td>(1965)</td>
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<tr>
<td>CARL D. HARVEY</td>
<td>Assistant Professor of Sociology</td>
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</tr>
<tr>
<td>ELIZABETH A. HAZELWOOD</td>
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<tr>
<td>ROBERT A. HIBBS</td>
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<td>(1965)</td>
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<td>Boise State University.</td>
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<tr>
<td>KENNETH L. HILL</td>
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<tr>
<td>LAVAR K. HOFF</td>
<td>Instructor in Food Service Technology</td>
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<tr>
<td>KENNETH M. HOLLENBAUGH</td>
<td>Professor of Geology; Chairman, Department of Geology</td>
<td>(1968)</td>
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<tr>
<td>DONALD HOLLEY</td>
<td>Assistant Professor of Economics</td>
<td>(1973)</td>
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<tr>
<td>PATRICIA ANNE HOLMAN</td>
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<td>(1970)</td>
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TARMO WATIA, Assistant Professor of Art. (1969)
B.S., M.F.A., University of Michigan.

DONALD J. WATTS, Instructor in Vocational-Technical Education. (1973)
B.S.C.E., University of Idaho.

JUDITH L. WATTS, Instructor in Vocational-Technical Education. (1973)
B.S., University of Arizona.

E. ALLEN WESTON, Associate Professor of Drafting-Design. (1964)
B.F.A., University of Arizona; M.Ed., Idaho State University; Jefferson Machamer School of Art; Art Center School; USA Engineering Drafting School; College of Idaho.

WAYNE E. WHITE, Associate Professor of Business Program Director, Aviation Management. (1965)
B.S., Northern Arizona University; M.A., Arizona State University; University of Arizona; Wichita State University.

THOMAS W. WILBANKS, Assistant Professor of English. (1964-66, 1969)
B.A., Trinity University; M.Div., Princeton Theological Seminary; Th.M., Louisville Presbyterian Theological Seminary; Hebrew Union College; University of New Mexico.

IRENE A. WILCOX, Professor of Social Work; Chairman, Department of Social Work. (1966)
B.A., University of Utah; Howard University; M.S.W., Washington University, St. Louis, Missouri.

MARGUERITE L. WILCOX, Assistant Professor of Nursing. (1972)
B.S., Loma Linda University; M.N., University of California, Los Angeles.

EDWIN E. WILKINSON, Associate Professor of Psychology, Dean of Student Advisory and Special Services. (1958)
B.A., Whitworth College; M.S., Washington State University; University of Oregon; University of Idaho.

MARJORIE WILLIAMSON, Assistant Professor of Office Administration, Faculty Senate Secretary. (1967)
B.S.(Ed.), University of Kansas; M.B.(Ed.), University of Idaho; Washington State University.

LONNIE L. WILLIS, Associate Professor of English. (1970)
B.A., North Texas State; M.A., University of Texas; Ph.D., University of Colorado.

DARRELL C. WILSON, Professor of Political Science. (1967)
B.S., Lewis and Clark College, Portland; M.A., Ph.D., University of Oregon.

MONTE D. WILSON, Associate Professor of Geology. (1969)
B.S., Brigham Young University; M.N.S., Ph.D., University of Idaho.

PETER K. WILSON, Professor of Business Administration. (1966)
B.A., University of Illinois; J.D., Northwestern University.

ELLA MAE WINANS, Associate Professor of Mathematics. (1958)
B.S., University of Oregon; M.S., New York University; Idaho State University.

MARIA WINKLER-GREEN, Assistant Professor of Art. (1973)
B.A., University of Pennsylvania; M.F.A., Ph.D., Pennsylvania State University.

JAMES R. WOLFE, Associate Professor of Education, Director, Extended Day, Summer Sessions, and Off-Campus Programs. (1960)
B.S., M.B.A., Indiana University; University of California at Berkeley; Idaho State College; Stanford University; Ph.D., Michigan State University.

BOYD WRIGHT, Assistant Professor of Art. (1970)
B.F.A., Utah State University; M.F.A., University of Idaho.

CHARLES D. WRIGHT, Professor of English. (1972)
B.A., Wayne State University; M.A., University of Wisconsin; Ph.D., University of Iowa.

GILBERT A. WYLLIE, Associate Professor of Biology. (1955)
B.S., College of Idaho; M.A., Sacramento State College; Ph.D., Purdue University; Oregon State University; University of Oregon.

Y

JERRY YOUNG, Associate Professor of Mathematics. (1964)

JOHN R. YOUNG, Professor of Marketing. (1967)
B.Ed., Whitewater State College, Wisconsin; M.A., Ph.D., University of Iowa.

MIKE M. YOUNG, Assistant Professor of Physical Education. (1970)
B.A., M.A., Brigham Young University.

VIRGIL M. YOUNG, Professor of Education. (1967)
B.S., M.Ed., Ed.D., University of Idaho.

Z

MICHAEL P. ZIRINSKY, Instructor in History. (1973)
A.B., Oberlin College; M.A., American University; University of North Carolina at Chapel Hill.
EMERITI

THELMA F. ALLISON, Associate Professor of Home Economics (1946-73)

WILLIAM S. BRONSON, Professor of Psychology (1954-1970)

ELSIE BUCK, Professor of Mathematics (1932-34, 1937-68)

VINA BUSHBY, Associate Professor of Secretarial Science (1946-65)

EUGENE B. CHAFFEE, President (1932-1967)

ROBERT deNEUFVILLE, Professor of Foreign Language (1949-1973)

CLISBY T. EDLEFSEN, Professor of Business (1939-69)

J. CALVIN EMERSON, Associate Professor of Chemistry (1933-1940, 1960-1973)

MILTON FLESHMAN, Assistant Professor of Auto Mechanics (1959-1974)

LUCILLE T. FORTER, Instructor in Voice (1932-1962)

JOHN F. HAGER, Associate Professor of Machine Shop (1954-1969)

ADA Y. HATCH, Professor of English (1932-1967)

ALICE H. HATTON, Registrar (1959-1974)

KENNETH L. HILL, Associate Professor of Education (1962-1970)

ADELAIDE ANDERSON MARSHALL, Assistant Professor of Music (1939-1948, 1966-1972)

KATHRYN ECKHARDT MITCHELL, Instructor in Violin (1932-38, 1939-72)

CAMILLE B. POWER, Associate Professor of Spanish & French (1932-35, 1936-51, 1954-67)

HAZEL MARY ROE, Associate Professor of Office Administration (1942-44, 1947-69)

HAROLD SNELL, Assistant Professor of Auto Mechanics (1958-1969)

LYLE F. TRAPP, Assistant Professor of Auto Body (1953-1967)

G.W. UNDERKOFLER, Associate Professor of Accounting (1952-1974)

HELEN WESTFALL, Associate Professor of Physical Education (1962-1970)

JOHN WOODWORTH, Associate Professor of English (1958-1972)
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The following changes to the Boise State University Bulletin 1975 Catalog Issue are effective immediately. Note that as a general rule changes in personnel assignments are not included in the addendum. Reference is made to the current Faculty and Staff Directory and the current semester's Class Schedule - Registration Information for detailed information.

Page 3
Change paragraph B. 6. to read: "Official transcripts from all colleges previously attended, showing good academic standing as defined under section D, page 14, ACADEMIC PROBATION & DISQUALIFICATION."

Page 4
Under A. ADMISSION AS REGULAR STUDENTS, change 2nd paragraph to read:
"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."

Page 5
Change last line under E. ADMISSION AS SPECIAL STUDENT to read: "... University with a grade point of 2.0 or better."

Page 15
Change paragraph E. ADMISSION ON PROBATION to read:
"Students wishing to transfer to Boise State 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 provisions outlined in the preceding section D, ACADEMIC PROBATION & DISQUALIFICATION."

Page 17
Change the first paragraph under IV. EXTENSION, CORRESPONDENCE AND RELIGION COURSES to read:
"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."

Page 18
Under BACHELOR OF BUSINESS ADMINISTRATION DEGREE, paragraph F. add a major in Real Estate.

Page 20
Under BACCALAUREATE DEGREE PROGRAMS add:
Multi Ethnic Studies
Real Estate

Page 22
Under SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION, Vocational One-Year Programs, add:
Electrical Lineman. . . . . EL
Page 36

Add course descriptions as follows for AR ART:

AR-141 Photography Theory (1 credit). Introduction to simple problems in the photographic process. Evening program only. Either semester.

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

Change prerequisite statements for courses AR-225 and AR-226 Ceramics from "advisable..." to read: "Prerequisite AR-105 and AR-106."

Page 38

Change B BIOLOGY courses as follows:

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.

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.

Page 39

Add Z ZOOLOGY course as follows:

409 General and Comparative Physiology (4 credits). A lecture and laboratory course in animal physiology. General physiological principles, as well as the physiological principles, as well as the physiology of specific invertebrate and vertebrate groups are discussed. Physiological adaptations necessary to meet specific environmental challenges are discussed. Laboratory experiments utilizing a number of animal species are conducted. Three hours lecture and three hours lab per week. Prerequisites: Advanced General Biology and Organic Chemistry. Spring Semester.
Under COURSES, add new course heading - GP GEOPHYSICS, and add the following courses:

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

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. Prerequisite: Physics 220 or consent of instructor. Fall Semester.

451-452 Applied Geophysics I and II (5 credits each). A detailed treatment of the application of geophysical methods used in petroleum and mineral exploration and geotechnical investigations. Practical laboratory and field studies will be conducted using geophysical instrumentation. Theory, data acquisition, data reduction and data interpretation will be emphasized. Four one-hour lectures and one three-hour lab. Prerequisites: GO-314, GP-301, PH-221 and 222, M-321. Both Semesters.

Under GO GEOLOGY delete GO-441, Introduction to Geophysical Methods. (Replaced by GP-301.)

Add "MULTI-ETHNIC STUDIES MAJOR".

"The Multi-Ethnic Studies Program, which is open to all students, is an interdisciplinary area of emphasis which will help students provide themselves with an understanding of traditions, cultures, languages, problems and perspectives. Any student may take a major, minor or selected individual courses in this area if he or she is interested in (1) a deeper understanding of a particular culture, (2) an increased understanding of all people, (3) a career which brings him or her in contact with members of a minority culture, (4) a career of research, teaching or service in the area of Ethnic Studies. The program is supervised by an interdisciplinary group of faculty and students. Prospective majors and others requesting information may contact Mamie Oliver, Department of Social Work; Dr. John Jensen, Department of Teacher Education; Dr. P.K. Ourada, Department of History; or A.R. Corbin, Department of Societal and Urban Studies."

"Refer to the Department of Societal and Urban Studies for further details."

NOTE: An Inter-University Cooperative Graduate Program in Public Administration has been approved for implementation Fall Semester 1975. For further information, contact the Department of Political Science.
Add SO SOCIOLOGY course as follows:
230 Introduction to Multi-Ethnic Studies (3 credits). This course views majority
and minority relations and confronts, challenges and motivates students to know
themselves better and understand some societal problems; viz, racism, prejudice,
etc. The course deals with the degree to which ethnic relations involve questions
of economic and political power and the distribution of that power. It looks at
American society's institutional role in maintaining and perpetuating systematic
inequality. Fall Semester.

Page 73
Under ACCOUNTING MAJOR, 10th line from bottom of page, change "AC-304" to "AC-205".

Page 76
Under economics** explanation paragraph:
First line - change page "31" to read "17".
Third line - change page "32" to read "18"
Under Social Science Secondary Education Option - insert "90" in blank page space.
Under paragraph 4, Accounting - change "AC-191" to read "AC-205".
Under paragraph 5, line 12 - insert "90" in blank space.
Under paragraph 5, line 18 - insert "91" in blank space.
Under paragraph 5, line 25 - insert "90" in blank space.

Page 77
Under GENERAL BUSINESS, Areas of Emphasis, paragraph (b), delete "Principles of
advertising" and add "Promotion Management".
Under GENERAL BUSINESS, Areas of Emphasis, paragraph (c), delete entire Real Estate
paragraph, and add "Real Estate is now a full major. See your advisor for details."

Page 78
Under INDUSTRIAL BUSINESS, Sales Option, Senior year, first semester, change electives
to read "10" and total to read "16".

Page 79
Under MANAGEMENT MAJOR, Quantitative Emphasis, Freshman Year; delete the "2" under
Fund of Speech Comm (Area II), second semester.

Page 80
Add REAL ESTATE MAJOR - "See the Department of Management and Finance for details."
Under AC ACCOUNTING, first line, add course number "205" to Introduction to Financial Accounting.

Add under AV AVIATION as follows: (inadvertently omitted)
121 Private Pilot Flight Laboratory (1 credit). Training to include at least 16 hours of flight time. In addition the course will include ground-time to familiarize and train the student in airplane equipment, preflight, take-off and landings, and other requirements as established by the Federal Aviation Agency. Either semester.

Under FI FINANCE:
Under course 325 Corporate Financial Management, add to prequisites "GB-306".
Under course 350 Investment Management, prequisites, change "AC-206 recommended" to "FI-303, GB-306".
Add GB GENERAL BUSINESS course as follows:
303 Law of Property (3 credits). This course is designed to explore the laws relating to real property including possession and ownership of land, conveyancing, deeds, land use control, easements, profits, leases, mortagages, and landlord and tenant; personal property including gifts, bailments, estates, and future interests. Prerequisite: GB-301 recommended. Each semester.

Add RE REAL ESTATE course as follows:
431 Appraisal of Income Properties (3 credits). This combination lecture and case study course is devoted entirely to the appraisal of income property. Following a review of the steps leading to the estimation of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Direct capitalization, the residual techniques, and capitalization roles are thoroughly analyzed and discussed. Prerequisites: RE-201, RE-331, RE-332. Spring Semester.

Under MB - REQUIRED CORE COURSES, course 530, Financial Management, add "Prequisite MB-512".
Under Undergraduate "G" Courses, correct Econometrics number to read "EC-421-G".

Add the following statement under PHYSICAL EDUCATION:
"For information on the recently approved changes in the professional preparation curriculum contact the Dept. of Physical Education."

Add the following statement:
"The Master's Degree in Secondary Education, with emphasis of subject areas of Art, Business Education, Chemistry, Earth Science, English, Mathematics, Music, and Theatre Arts, has been authorized by the State Board of Education. Students wishing information on admission to the Master's Degree Program in Secondary Education should apply to the Graduate Registrar's Office. Information concerning the program can be secured from that office."
Add under Department of Allied Health Studies the following:

The State Board of Education on May 2, 1975, authorized the establishment at Boise State University of a new program in Radiologic Technology.

The program requires one year of preprofessional studies. Two years of professional studies are needed for an Associate of Science degree and three years of professional studies for a Baccalaureate degree.

The first preprofessional class will begin in September of 1975. Any student who has been admitted to Boise State University may register for the preprofessional courses.

Contingent upon funding by the Legislature through the State Board of Education, the professional studies will begin in June of 1976. Twenty students who have satisfactorily completed the courses in the preprofessional year will be admitted. Admission to the professional class will be based primarily on grade point average.

Required courses in the preprofessional year

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3 credits</td>
<td>3 credits</td>
</tr>
<tr>
<td>Physical Science (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 Communications</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics M-115*</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>Health Delivery Systems</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Humanities Electives</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>17</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

*M-111 would be acceptable

For further information contact the School of Health Sciences.

Page 108

Under "1. Requirements:", left column, omit "General Biology ....10".

Under "1. Requirements:", change subtotal from "83" to "87".

Under "2. Electives(science)," left column, change subtotal from "22-29" to "25-29".

Under REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR, 1. Completion of basic core requirements, after mathematics add "(M-111-112 or M-115-116)"

Under 1. Completion of basic core requirements, omit "General Biology....10"

Page 114

Under "For Admission to Graduate School," paragraph 2, change page "107" to read "85".

Change page "127" to read "95".

Page 125

Under ET ELECTRONICS--CURRICULUM, Sophomore year, first line:

Change "ET-101-102" to read "ET-201-202".

Change hours for first semester from "2" to "5".

Change hours for second semester from "2" to "5".
Page 127
Change AM AUTO MECHANIC course 103 to show 10 credits (both curriculum and course description).

Page 128
Add "EL ELECTRICAL LINEMAN -- CURRICULUM--Eleven 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>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL-101-102-103 Lineman Lab</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>EL-151-152-153 Lineman Theory</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>EL-262 Occupational Relationships</td>
<td>17</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

EL ELECTRICAL LINEMAN courses:
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, transfers, transformers, streetlights, installation of services, tree trimming, and the use and care of safety equipment. 25 hours per week.

151-152-153 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.


Page 110
Under ENVIRONMENTAL HEALTH (Suggested Program)
Under Senior Year, add "Environmental Health Legislation.......2 credits" for the first semester.
Change subtotals for first semester from "13" to "15"
LI prefix (Linguistics courses), listed under the Department of English, should be counted as satisfying Area I requirements, in much the same manner as HU prefix (Humanities) courses do.

This will be made official through action of the Curriculum Committees for inclusion in next year's catalog, but until then such courses should be treated for evaluation as set forth above.

W. Shankweiler
DATE: February 12, 1975

TO: Faculty and Department Chairpersons

FROM: Dr. Gerald R. Wallace, Dean, School of Education

SUBJ: Certification for Social Science 30-15-15

The following policy has been established with the Idaho State Department of Education Certification Director, Dorcey Riggs.

Boise State University Social Science, Secondary Option Program 30-15-15 will be endorsed on teaching certificates as a major field of teaching.

Teaching areas such as economics, history, sociology, political science, American government can be endorsed as teaching minors (20 semester hours) if they meet the following qualifications:

- Economics - 15 hours in Economics and the remaining hours in U.S. History

- American Government - No less than 6 semester hours in American Government, 6 semester hours in American History and 3 semester hours in Comparative Government.

- History - No less than 9 semester hours in American History and no less than 3 semester hours in American Government, the remaining in History and Political Science.

- Political Science - Same as American Government

- Sociology - Not less than 6 semester hours in American History and no less than 3 semester hours in American Government.