Directory Information

BOISE STATE UNIVERSITY
1910 University Drive
Boise, Idaho 83725
Telephone 208/385-1011

President
Richard E. Bullington .................................................. 1101
Executive Vice President
Gerald R. Wallace ...................................................... 1202
Vice President for Financial Affairs
Asa M. Ruyle ............................................................. 1200
Vice President for Student Affairs
David S. Taylor ........................................................... 1418
Director, Continuing Education and Summer Sessions
William Jensen ............................................................ 3293
Dean of Admissions
Guy L. Hunt .............................................................. 1177
Registrar
Susanna Holz ............................................................. 1532

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

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 In particular, when an instructional program is to be withdrawn, the university will make every reasonable effort to ensure that students who are within two years of completing the graduation requirements, and who are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progress toward the completion of those requirements, will have the opportunity to complete the program which is to be withdrawn.

It is the policy of Boise State University to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to race, color, national origin, sex or handicap in accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections 799A and 845 of the Public Health Service Act, and Sections 503 and 504 of the Rehabilitation Act of 1973, where applicable, as enforced by the U.S. Department of Health, Education, and Welfare.
The BOB GIBB FRIENDSHIP BRIDGE over the Boise River, which joins Boise State University Campus with Julia Davis Park, was dedicated October 22, 1977 in honor of the late Robert S. Gibb.
CONTENTS

Map of Campus ............................................................... 2
Administration ............................................................. 4
Academic Calendar ......................................................... 5

PART I GENERAL INFORMATION AND ADMISSIONS
  Institutional Mission and Objectives ................................. 7
  Admission ......................................................................... 8
  Schedule of Fees and Charges ........................................... 11

PART II ACADEMIC INFORMATION ....................................... 13
  University Library .......................................................... 13
  Educational Opportunities ................................................. 16
  Honors Program ............................................................. 15
  Outreach Services and Programs ....................................... 16
  Academic Regulations ...................................................... 18
  Graduation Requirements ................................................ 23
  Course Designations ........................................................ 27

PART III STUDENT AFFAIRS .................................................. 31
  Housing ........................................................................... 34

PART IV SCHOOL OF ARTS AND SCIENCES ......................... 37

PART V SCHOOL OF BUSINESS .............................................. 85

PART VI SCHOOL OF EDUCATION .......................................... 103

PART VII SCHOOL OF HEALTH SCIENCES ......................... 123

PART VIII GRADUATE SCHOOL ............................................. 137

PART IX AREA VOCATIONAL-TECHNICAL SCHOOL ................ 141

FACULTY ........................................................................... 153

EMERITI ............................................................................. 163

INDEX .................................................................................. 165
ADMINISTRATION

BOARD OF TRUSTEES

A. L. ALFORD, Jr. (term expires 1978) ........................................ Lewiston
CHERYL HYMAS (term expires 1982) ........................................ Jerome
JANET HAY (term expires 1979) ................................................... Nampa
J. CLINT HOOPES (term expires 1980) ....................................... Rexburg
J. P. MUNSON, M.D. (term expires 1981) ..................................... Sandpoint
LENO D. SEPP, D.D.S., (1979) ..................................................... Lava Hot Springs
MILTON SMALL, Executive Director for Higher Education .......... Boise
JOHN W. SWARTLEY, M.D., (term expires 1980) ....................... Boise
ROY TRUBY, State Superintendent of Public Instruction .......... Boise
(ex officio member)

UNIVERSITY ADMINISTRATION

EXECUTIVE OFFICERS

RICHARD E. BULLINGTON, Ed.D................................................ Interim President of the University
Leland Mercy, Jr. ................................................................. Executive Assistant
Lyle H. Smith, M.S ............................................................... Director of Athletics
David T. Lambert ................................................................. Administrative Assistant
Jacquelyn Cassell ................................................................. Affirmative Action Director
Rosalie Nadeau .................................................................

GERALD R. WALLACE, Ed.D................................................ Interim Executive Vice President
Herbert W. Runn, M.S ........................................................ Administative Assistant
Susanna B. Holt, M.S ........................................................ Registrar
Guy L. Hunt, Ph.D ............................................................... Dean of Admissions
Timothy A. Brown, M.S ......................................................... University Librarian

DAVID S. TAYLOR, Ph.D.................................................... Vice President for Student Affairs
Edwin E. Wilkinson, M.S ..................................................... Dean, Student Advisory and Special Services

ASA M. RUYLE, Ed.D...................................................... Vice President for Financial Affairs
Alvin G. Hooten, M.S ........................................................ Assistant Vice President, Financial Affairs

ACADEMIC OFFICERS

Clyde Martin, Ed.D .............................................................. Interim Dean, School of Education
Victor H. Duke, Ph.D ........................................................ Dean, School of Health Sciences
Thomas E. Stitzel, Ph.D ........................................................ Dean, School of Business
William J. Kepley, Ph.D ......................................................... Dean, School of Arts and Sciences
Kenneth M. Hollenbaugh, Ph.D ........................................ Director, Graduate School
Gilbert M. Miller ................................................................. Director, Area Vocational-Technical School
William L. Jensen, M.A ........................................................ Director, Continuing Education and Summer Sessions
**BOISE STATE UNIVERSITY CALENDAR — 1978-79**

### SUMMER SESSION 1978

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 10, Saturday</td>
<td>Graduate Record Examination (L247)</td>
</tr>
<tr>
<td>June 12, Monday</td>
<td>Registration in Gymnasium</td>
</tr>
<tr>
<td>June 13, Tuesday</td>
<td>8-week Session Until August 4</td>
</tr>
<tr>
<td>June 13, Tuesday</td>
<td>Approved 5-week Session Until July 14</td>
</tr>
<tr>
<td>June 5-August 11</td>
<td>Approved 10-week Classes</td>
</tr>
<tr>
<td>July 8, Saturday</td>
<td>Graduate Management Admission Test</td>
</tr>
</tbody>
</table>

### FALL SEMESTER 1978

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 22-24, Thursday</td>
<td>New Student Summer Orientation and Registration. To be eligible to participate, a student must be a new incoming freshman or transfer student and submit an application and be accepted by B.S.U. no later than June 15, 1978.</td>
</tr>
<tr>
<td>August 11, Friday</td>
<td>Last day to submit application for Fall Semester to be assured of registration materials at the Mini Registration (August 29); Students submitting applications after this date will be required to register during Late Registration which begins Thursday, August 31.</td>
</tr>
<tr>
<td>August 16, Wednesday</td>
<td>Last day for pre-registered students to complete financial arrangements and pay fees for Fall Semester</td>
</tr>
<tr>
<td>August 21, Monday</td>
<td>Faculty responsibilities begin with meetings and course preparation activities.</td>
</tr>
<tr>
<td>August 27, Sunday</td>
<td>Residence halls open. (noon)</td>
</tr>
<tr>
<td>August 28, Monday</td>
<td>Advising for freshmen, and new, continuing and evening students.</td>
</tr>
<tr>
<td>August 29, Tuesday</td>
<td>Mini Registration.</td>
</tr>
<tr>
<td>August 30, Wednesday</td>
<td>Classes begin.</td>
</tr>
<tr>
<td>August 31, Thursday</td>
<td>Labor Day (Holiday)</td>
</tr>
<tr>
<td>September 13, Wednesday</td>
<td>Last day to register late, except by petition ... Last day to add new courses for credit or to change from audit to credit except with consent of instructor. (4:00 p.m. close)</td>
</tr>
<tr>
<td>October 6, Friday</td>
<td>Last day to file with department for admission to candidacy and graduation for Master’s Degree ... Last day to file application with Registrar for graduation for Baccalaureate and two-year or less degrees, diplomas, and certificates.</td>
</tr>
<tr>
<td>October 14, Saturday</td>
<td>Graduate Record Examination (GRE) in Library Building</td>
</tr>
<tr>
<td>October 23, Monday</td>
<td>Mid-semester report issued ... Notification of incompletes from previous semester ... Last day to file application with department for final Master’s written examination.</td>
</tr>
<tr>
<td>October 28, Saturday</td>
<td>Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 a.m.-12:30 p.m.)*</td>
</tr>
<tr>
<td>November 3, Friday</td>
<td>Homecoming</td>
</tr>
<tr>
<td>November 6-17, Mondays</td>
<td>Advising period for pre-registration for continuing students.</td>
</tr>
<tr>
<td>November 6-22, Mondays</td>
<td>Pre-registration period for students who have been advised.</td>
</tr>
<tr>
<td>November 6-22, Mondays</td>
<td>through Fridays, ending on Wednesday, the 22nd (two and one-half weeks)</td>
</tr>
<tr>
<td>November 6, Monday</td>
<td>Last day to withdraw and/or change from credit to audit.</td>
</tr>
<tr>
<td>November 11, Saturday</td>
<td>Final written exam for Master’s Degree.</td>
</tr>
<tr>
<td>November 22, Wednesday</td>
<td>Last day for final oral and project/thesis defense.</td>
</tr>
<tr>
<td>November 23-26, Thursday</td>
<td>Thanksgiving (Holiday) through Sunday</td>
</tr>
<tr>
<td>November 27, Monday</td>
<td>Classes resume.</td>
</tr>
<tr>
<td>November 27, Monday</td>
<td>Last day to register by petition.</td>
</tr>
<tr>
<td>December 8, Friday</td>
<td>Last day to submit final signed copy of Master’s project/thesis with department.</td>
</tr>
<tr>
<td>December 9, Saturday</td>
<td>GRE Exam at The College of Idaho.</td>
</tr>
<tr>
<td>December 11-15, Monday</td>
<td>No-examination Week.</td>
</tr>
<tr>
<td>December 15, Friday</td>
<td>Classroom instruction ends.</td>
</tr>
<tr>
<td>December 18-22, Monday</td>
<td>Final Semester Examinations.</td>
</tr>
<tr>
<td>December 23, Saturday</td>
<td>Residence halls close. (noon)</td>
</tr>
</tbody>
</table>

*Registration card and payment for these tests should be mailed to ETS at least four weeks before the test date.*
# SPRING SEMESTER 1979

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 28, Thursday</td>
<td>Last day to submit application for Spring Semester to be assured of registration materials at the Mini Registration (January 16). Students submitting applications after this date will be required to register during Late Registration which begins Thursday, January 18.</td>
</tr>
<tr>
<td>January 5, Friday</td>
<td>Last day for pre-registered students to complete financial arrangements and pay fees for Spring Semester.</td>
</tr>
<tr>
<td>January 13, Saturday</td>
<td>Graduate Record Examination (GRE) in Library.</td>
</tr>
<tr>
<td>January 15, Monday</td>
<td>Faculty responsibilities begin with meetings and course preparation activities.</td>
</tr>
<tr>
<td>January 15, Monday</td>
<td>Residence halls open. (noon)</td>
</tr>
<tr>
<td>January 16, Tuesday</td>
<td>Advising for freshmen, and new, continuing and evening students.</td>
</tr>
<tr>
<td>January 16, Tuesday</td>
<td>Mini Registration.</td>
</tr>
<tr>
<td>January 17, Wednesday</td>
<td>Classes Begin.</td>
</tr>
<tr>
<td>January 18, Thursday</td>
<td>Late Registration Begins.</td>
</tr>
<tr>
<td>January 27, Saturday</td>
<td>Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am-12:30 pm)*</td>
</tr>
<tr>
<td>January 30, Tuesday</td>
<td>Late Registration Ends, except by petition. Last day to add new courses for credit or to change from audit to credit except with consent of instructor and advisor (4:00 p.m. close).</td>
</tr>
<tr>
<td>February 16, Friday</td>
<td>Last day to file application with department for admission to candidacy and graduation for Master's Degree.</td>
</tr>
<tr>
<td>February 19, Monday</td>
<td>George Washington's Birthday (Holiday).</td>
</tr>
<tr>
<td>February 24, Saturday</td>
<td>Graduate Record Examination (GRE) at The College of Idaho.</td>
</tr>
<tr>
<td>March 16, Friday</td>
<td>Mid-semester report issued. Notification of incompletes from previous semester. Last day to file application with department for final Masters written examination.</td>
</tr>
<tr>
<td>March 17, Saturday</td>
<td>Graduate Management Admission Test (GMAT) in Library Bldg., Room 247 (8:30 am-12:30 pm)*</td>
</tr>
<tr>
<td>March 19-25, Monday</td>
<td>Spring Vacation.</td>
</tr>
<tr>
<td>March 26, Monday</td>
<td>Classes resume.</td>
</tr>
<tr>
<td>March 30, Friday</td>
<td>Last day for withdrawal and/or change from credit to audit.</td>
</tr>
<tr>
<td>April 2-13, Mondays</td>
<td>Advising period for pre-registration for continuing students.</td>
</tr>
<tr>
<td>April 2-18, Mondays</td>
<td>Pre-registration period for students who have been advised. through Fridays ending on Wednesday, the 18th (two and one-half weeks)</td>
</tr>
<tr>
<td>April 7, Saturday</td>
<td>Final written exam for Masters Degree. Last day to add classes. Last day to register by petition.</td>
</tr>
<tr>
<td>April 19, Thursday</td>
<td>Last day for final oral and project/thesis defense.</td>
</tr>
<tr>
<td>April 20, Friday</td>
<td>Graduate Record Examination (GRE) at The College of Idaho.</td>
</tr>
<tr>
<td>April 21, Saturday</td>
<td>Last day to submit final signed copy of Masters project/thesis with department.</td>
</tr>
<tr>
<td>May 4, Friday</td>
<td>No-examination Week.</td>
</tr>
<tr>
<td>May 7-11, Monday</td>
<td>Classroom instruction ends.</td>
</tr>
<tr>
<td>May 11, Friday</td>
<td>Semester examinations.</td>
</tr>
<tr>
<td>May 14-18, Monday</td>
<td>Spring Semester ends (5:00 p.m.).</td>
</tr>
<tr>
<td>May 18, Friday</td>
<td>Residence halls close. (noon)</td>
</tr>
<tr>
<td>May 19, Saturday</td>
<td>Commencement.</td>
</tr>
<tr>
<td>May 20, Saturday</td>
<td>Grade reports due to Registrar by 12:00 noon.</td>
</tr>
<tr>
<td>May 21, Monday</td>
<td>Graduate Record Examination (GRE) in Library.</td>
</tr>
<tr>
<td>June 9, Saturday</td>
<td><strong>Registration card and payment for these tests should be mailed to ETS at least four weeks before the test date.</strong></td>
</tr>
</tbody>
</table>

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

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

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

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

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

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

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

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

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

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

ACCREDITATION AND AFFILIATION

Boise State University is fully accredited with membership in the Northwest Association for Schools and Colleges. Boise State holds permanent membership in the College Entrance Examination Board and the College Scholarship Service Assembly, is on the approved list of the American Association of University Women and is a member of NCAA Division I in all sports.

Professional accreditations include the following:

- The School of Education has been accredited by the National Council for Accreditation of Teacher Education and by the National Association of State Directors of Teacher Education Certification.
- Associate Degree Nursing Program by the National League for Nursing and by the Idaho State Board of Nursing.
- Baccalaureate Degree Nursing Program by the Idaho State Board of Nursing.
- Graduate Assistant Program by the Council of Dental Education and the American Dental Assistant Association.
- Medical Record Technician Program by the Council on Medical Education of the American Medical Association in collaboration with the American Medical Record Association.
- Respiratory Therapy Program by the American Medical Association Council on Medical Education in collaboration with the Joint Review Committee for Respiratory Therapy Education.
- Department of Music is a member of the National Association of Schools of Music.
- Social Work Program by the Council on Social Work Education.

Provisional Professional Accreditations include: Operating Room Technology by the Joint Review Committee on Education for the Operating Room Technician sponsored by the American College of Surgeons, American Hospital and Association of Operating Room Technicians.

Preliminary Professional Accreditations include: Radiologic Technology Program (Associate Degree) by the Council on Medical Education of the American Medical Association in collaboration with the Joint Review Committee on Education in Radiologic Technology, the American Society of Radiologic Technologists and the American College of Radiology.

HIGH SCHOOL AND UNIVERSITY RELATIONS

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

REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY

ADMISSIONS OFFICE

All matters relating to admission to the University are administered by this office. In addition to admissions, this office has general administrative responsibility for admissions counseling, foreign student admissions and advising, maintenance of student academic records, and enforcement of academic dismissals and readmissions.

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

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

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

A. If NEW FRESHMAN (no prior post-high school credits earned):
   1. A completed application
   2. A $10 matriculation fee (The matriculation fee may be waived by the Admissions Office in documented cases of financial need and/or scholastic excellence).
3. An official high school transcript showing date of graduation or a GED certificate showing acceptable test score.
4. ACT, SAT, or WPC test scores.

B. If TRANSFER STUDENT (prior enrollment at one or more post-high school institutions): **
1. A completed application
2. A $10 matriculation fee
3. Evidence of high school graduation or a GED certificate showing acceptable test scores
4. ACT, SAT, or WPC test scores, or evidence of successful completion of English Composition sequence.
5. Official transcripts from all previously attended colleges showing good academic standing as defined under section D, page 19. Academic Probation and Disqualification.

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

D. If FORMER FULL-TIME B.S.U. STUDENT (has attended no post-high school institution since last B.S.U. attendance):
1. A completed application
2. ACT, SAT, or WPC scores, or evidence of successful completion of English Composition sequence.
3. Official transcripts from all previously attended colleges

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

II. Undergraduate students wishing to enter B.S.U. part-time (7 or fewer hours) must submit:
1. A completed application
2. The V.A. requires B.S.U. to credit all veterans for prior training.

III. Students wishing to enter B.S.U. in the Summer School Program must submit:
1. Only a completed application

IV. Students wishing to enter B.S.U. in the Vocational-Technical School must submit prior to the deadline date:
1. A completed application
2. A $10 matriculation fee
3. GATB scores or high school transcripts with DAT scores
4. Personal interview with Vocational-Technical Counselor

Caution. A personal interview and a $75 advanced security registration deposit must be submitted prior to being accepted into the limited enrollment Vocational-Technical programs. You will not be guaranteed a seat in the program until both the interview is completed and the security deposit is received.

Admission by B.S.U. does not imply acceptance into special programs. Admission into such programs as the Vocational-Technical Programs, Registered Nursing, Respiratory Therapy, Medical Records Technology, or Radiological Technology is contingent upon acceptance by Program Director.

See page 138 for admission requirements of the Graduate School.

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

I. Graduate students wishing to enter B.S.U. on a full-time basis (8 or more semester hours) or wishing to be admitted to the GRADUATE SCHOOL at B.S.U. with PROGRAM STATUS (Regular or Provisional) must be fully matriculated and must, therefore, submit prior to the deadline date:

1. A completed GRADUATE application
2. A $10 matriculation fee (Full-time graduate students who received their undergraduate degree at B.S.U. are exempt from the $10 fee, UNLESS they are pursuing a Master's degree.)
3. Official transcripts from all post-high school institutions attended

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

II. Graduate students wishing to enter B.S.U. part time with UNCLASSIFIED STATUS (non-program, admitted to B.S.U. but not admitted to the GRADUATE SCHOOL) must submit:
1. Only a completed application; except graduate students wishing to earn a second B.A. degree and/or quality for Idaho Teacher Certification. They must also submit to the Graduate Admissions Office complete, official transcripts from all post-high school institutions attended

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

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

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

**Credit from non-accredited institutions will be accepted on the basis of the practice as reported in The Report of Credit Given by Educational Institutions by the American Association of College Registrars and Admissions Officers. Specifically, students requesting acceptance of such credit will furnish the Admissions Office of Boise State complete official transcripts and catalog course descriptions. After earning not less than 15 semester hours credit from BSU with not less than 2.00 cum GPA the student may petition the appropriate Department Chairman for acceptance of such credit. Credit denied on the basis of such practice may be sought by examination.

***See page 15 for information on veterans.

An "official" transcript is one certified by the issuing institution and mailed by that institution directly to the B.S.U. Registrars Office.

A. ADMISSION AS REGULAR STUDENTS

DOCUMENTATION REQUIRED

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

VOCATIONAL-TECHNICAL STUDENTS

The School of Vocational-Technical Education normally admits applicants to regular full-time preparatory programs who are high school graduates or who have successfully completed the G.E.D. tests. Any person who is interested in becoming a skilled craftsman or technician will be admitted to these courses if the applicant complies with all admission requirements and meets the qualifications for the designated program. Graduation from high school is not necessary provided the student has been out of high school at least one complete semester. Certain prerequisite courses are required for various programs, such as one year of high school algebra and one year of high school geometry for entrance to the Drafting or Electronics Technology programs. The University does not admit applicants under eighteen years of age who are attending high school at the time of application. In rare instances, however, a high school student may be admitted provided his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extracurricular activities must meet regular entrance requirements. (See eligibility requirements.) Credits in Vocational or Techni-
GENERAL INFORMATION AND ADMISSIONS

cal programs are not normally transferable toward an academic degree.

TRANSFER STUDENTS

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

HIGH SCHOOL STUDENTS

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

FOREIGN STUDENTS

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

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

English Proficiency: All foreign applicants are required to take and receive a satisfactory score on TOEFL (Test of English as a Foreign Language) or other examinations acceptable to Boise State University. Arrangements to take the TOEFL examination may be made by the certifying agency. The test must be taken and the scores received by the University prior to a decision on admission of the applicant. Admitted Students: Upon arrival at the University, foreign students will be examined again with the Comprehensive English Language Test (CELT). Results achieved will determine their placement level in the English as a Second Language program.

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

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

Health and Accident Insurance: Boise State University requires that all full-time students be covered by health and accident insurance. Such insurance is included as a part of general registration fees paid by all full-time students.

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

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

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

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

B. ADMISSION AS SPECIAL UNDERGRADUATE STUDENT

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

C. ADMISSION AS GRADUATE STUDENT

See page 138 for specific requirements.

D. ADMISSION WITH ADVANCED STANDING

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

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

E. ADMISSION REQUIREMENTS TO UPPER DIVISION

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

UPPER DIVISION COURSES—Upper Division courses are open to a student who:

1. Has completed stated course prerequisites and,
2. Has completed 57 semester credits of college work. Lower Division students who have a G.P.A. of 2.0 or better may take Upper Division Courses if:

1. The Upper Division course is required during the Sophomore year in a specific curriculum in which the student is majoring, or
2. The student has the written permission of the Chairman of the Department in which the course is offered and concurrence of his advisor.

ACCEPTANCE INTO THE PROGRAM

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

H. STUDENT RECORDS

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

I. RESIDENCY REQUIREMENTS FOR FEE PURPOSES

The legal residence of a student for fee purposes is determined at the time of initial application and will be reconsidered, thereafter, upon appeal by the student. Appeal affidavits can be acquired in the District Court, in the county in which the applicant resides at the time of registration each semester. Board and room charges may be paid in advance for the year or arrangements may be made to pay in advance on a partial payment basis by consulting the Director of Student Residential Life (See section under Student Housing).

RESIDENCY REQUIREMENTS FOR FEE PURPOSES

The legal residence of a student for fee purposes is determined

(a) Any student under the (legal voting age)* whose parents or court-appointed guardian is domiciled in the state of Idaho. Domicile is deemed to exist when the parent or guardian has established residence in Idaho for an indefinite time and the former residence is abandoned. To qualify under this section, the parents or guardian must be residing in the state on the opening day of the term for which the student matriculates.

(b) Any student, legal voting age or older,* who has continuously resided in the state of Idaho for twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

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

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

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

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

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

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

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

In compliance with Section 33-3717, Idaho Code, the State Board of Education and Board of Regents of the University of Idaho, meeting in regular session June 9, 1970, adopts the following uniform and standard rules and regulations applicable to all state colleges and universities now or hereafter established to determine residence status of any student and to establish procedures for review of that status. To Wit:

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

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

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

GENERAL INFORMATION AND ADMISSIONS

SCHEDULES OF FEES AND CHARGES

All of the fees, tuition, and other charges are due and payable at the time of registration each semester. Board and room charges may be paid in advance for the year or arrangements may be made to pay in advance on a partial payment basis by consulting the Director of Student Residential Life (See section under Student Housing).

TUITION AND FEE SCHEDULE

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

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

<table>
<thead>
<tr>
<th>Full Time</th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition: (per semester)</td>
<td>$ 0</td>
<td>$600.00</td>
</tr>
<tr>
<td>Institutional Fees</td>
<td>184.50</td>
<td>184.50</td>
</tr>
<tr>
<td>TOTAL TUITION AND FEES</td>
<td>184.50</td>
<td>784.50</td>
</tr>
<tr>
<td>Includes 3% Idaho Sales Tax</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OTHER FEES

| Part-time | $25.00 per semester hour |
| Summer | 25.00 per semester hour |
| Audit | 20.00 per semester hour |
| Application Processing Fee: (Non-Refundable) | 10.00 |
| Testing Fee: Students who have not taken the ACT tests on a regular national testing date may take the test during registration week | 14.00 |
| Duplicate Activity Card Fee | 5.00 |

Music, Performance:

<table>
<thead>
<tr>
<th>PER SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>All private music lessons: 2 credits</td>
</tr>
<tr>
<td>4 credits</td>
</tr>
</tbody>
</table>

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

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

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

SPECIAL WORKSHOP FEES:

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

All students, regardless of full time or part time status, will be required to pay the Special Workshop Fees which are set in relation to the expenses required to conduct the course. Registration for these workshops will not change the status of a student for fee purposes.
GENERAL INFORMATION AND ADMISSIONS

STUDENT ENROLLMENT VERIFICATION

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

Undergraduate:

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

Graduate:

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

RESIDENCE HALLS:

Meal Options:

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

Rates:

Morrison and Driscoll

- Double: A: $1365, B: $1345, C: $1295
- Single: A: 1565, B: 1545, C: 1495

University Heights

- Double: A: 1365, B: 1345, C: 1295

Chaffee

- Double: A: 1365, B: 1345, C: 1295
- Single: A: 1565, B: 1545, C: 1495

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

Married Student Housing

- University Courts: Small one: $92, two: $140
- Large one: $122, three: $160

University Manor:

- University Heights: one: $140.00, two: $165.00

Room and board prices are subject to change without notice.

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

REFUND POLICY

Before classes begin: 100%
During first 2 weeks of classes: 75%
During 3rd and 4th weeks: 50%
After 4th week: NO REFUNDS

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

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

ADMINISTRATIVE WITHDRAWAL

B.S.U. POLICY 30-6

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

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

AUDITING OF ACCOUNTS

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

INSURANCE COVERAGE

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

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

PARKING

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

The City of Boise administers the parking control program as adopted by the University, and all tickets are payable to the City of Boise.
ACADEMIC INFORMATION

UNIVERSITY LIBRARY

The University Library contains a collection of 230,000 volumes on all subjects chosen by librarians and members of the faculty to support the curricular and research needs of the University. The main book collection is distributed among the four floors of the Library Learning Center, which is located in the center of the campus and faces the Memorial Fountain and Mall. The building has been planned to provide an attractive setting for reading, study and research.

Scattered through the library are about 1400 reader stations, including seating at individual carrels, large tables and lounge areas. Small study rooms and typing rooms are available for group or individual use. The building includes a number of features to facilitate use by handicapped students.

Basic informational service and assistance in learning to use library resources are provided by the Reference Department, located on the first floor just beyond the main entrance. The Interlibrary Loan section of Reference assists faculty and graduate students in obtaining resources not available locally. Undergraduate students may use Interlibrary Loan to borrow materials available within the State of Idaho.

The Circulation Department, located near the entrance, is responsible for the check-out of books in the main collection to students and faculty. Also within Circulation is the Reserve Book section, which contains required and suggested readings for many individual courses.

The Curriculum Resource Center, housed on the second floor of the library, features a collection of multi-media and non-book materials, and the children's and young adult literature collections. Curriculum and special education materials are available to teachers in the Boise area as well as to university students and faculty. Stereo carrels provide listening facilities for phonograph records and tapes.

The Maps and Special Collections Department, located on the third floor, contains the library's collection of 65,000 maps, University Archives and several special collections, including Senator Len B. Jordan's senatorial papers, the Earl Wayland Bowman and Paul E. Tracy collections.

The Periodicals and Documents Department, located on the fourth floor, receives 2300 current periodicals, more than 60 newspapers, and many depository copies of U.S. government publications, Idaho state documents, and Rand Corporation publications. The Library's collection of books, periodicals and documents on mi-
croform, more than 100,000 pieces, is also located in this department.

Educational Media Services, located on the second floor of the Library Learning Center, offers a variety of audio-visual resources and services to the campus. Included are the use of a fine collection of 16mm educational sound films and educational video tapes; the use of all types of audio-visual equipment; special graphic arts, photography and television production services as required by individual teachers, and consultation on the design and utilization of instructional materials and lesson materials. These services are designed to meet the needs and requirements of the University’s instructional program.

The University Library shares the Library Learning Center Building with the School of Education, the Counseling Center, Educational Television studios, the Graduate Dean’s Office and the Honors Program.

EDUCATIONAL OPPORTUNITIES AT BOISE STATE UNIVERSITY

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

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

B.S.U. Policy

30-1 Credit by Examination.

30-1A CLEP

30-1B Advanced Placement

30-1C Credit for Prerequisites Not Taken

30-1D Independent Study

30-5 Second BA and/or Double Major

30-7 Student Advisement Consideration

30-10 Mathematics Placement Examination

30-11 Honors Program

30-13 Servicemen’s Opportunity College Program

Internship

CREDIT BY EXAMINATION (CHALLENGE)

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

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

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

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

CLEP BOISE STATE MATTER EXAM

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

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

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

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

<table>
<thead>
<tr>
<th>CLEP EXAMINATION TITLE</th>
<th>BSU EQUIVALENT COURSE AND NUMBER</th>
<th>(credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*English Composition (50)</td>
<td>E-101, English Composition* (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>*Analysis and Interpretation of Literature (50)</td>
<td>E-102, English Composition* (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>**Biography (50)</td>
<td>B-100, Concepts of Biology (4)</td>
<td>4 credits</td>
</tr>
<tr>
<td>**History (50)</td>
<td>B-101 + 102, General Biology (8)</td>
<td>8 credits</td>
</tr>
<tr>
<td>**Psychology (50)</td>
<td>C-107, 108 (4) or C-131, 132 (4)</td>
<td>4 credits</td>
</tr>
<tr>
<td>General Chemistry (48)</td>
<td>M-111, Algebra and Trigonometry (5)</td>
<td>5 credits</td>
</tr>
<tr>
<td>College Algebra</td>
<td>M-112, Calculus and Analytic Geometry (5)</td>
<td>5 credits</td>
</tr>
<tr>
<td>Trigonometry (49)</td>
<td>M-381, Fundamentals of Statistics (4)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Calculus with Analytic Geometry (50)</td>
<td>AC 205 + 206, Principles of Accounting (6)</td>
<td>6 credits</td>
</tr>
<tr>
<td>Statistics (50)</td>
<td>DP-210, Introduction to Data Processing (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Introduction to Accounting (50)</td>
<td>SO-101, Introduction to Sociology (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Computers and Data Processing (50)</td>
<td>PO-101, American National Government (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Introductory Sociology (50)</td>
<td>MG-381, Principles of Management (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>American Government (50)</td>
<td>GB-202, Business Law (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>*Introduction to Bus. Mgmt. (60)</td>
<td>MK-301, Basic Marketing-Management (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Introductory Marketing (50)</td>
<td>P-101, General Psychology (3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>General Psychology (50)</td>
<td>*Applies only to non-traditional students (An additional essay is required.)—several other alternatives are available to students directly out of High School. **Credits obtained by successful completion of this subject exam may be applied towards Area III requirements; it does not fulfill requirement for the Biology Major. ***The department will require one additional local exercise.</td>
<td></td>
</tr>
</tbody>
</table>

CREDITS BY EXAMINATION (CHALLENGE)

If the scores submitted are at or above the percentile scores indicated by the University, the student will receive credit for the equivalent credits so designated. The entries on the transcript will show CLEP Scores on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce by the number of credits awarded, the number of credits still required to graduate.

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

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

<table>
<thead>
<tr>
<th>CLEP EXAM TITLE</th>
<th>BSU EQUIVALENT CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>No credit granted</td>
</tr>
<tr>
<td>Natural Science</td>
<td>Score of 489-570 (50th-75th)</td>
</tr>
<tr>
<td>Score of 571 or above</td>
<td>4 credits in Area III</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Score of 488 or above (50th)</td>
</tr>
<tr>
<td>Score of 567 or above</td>
<td>4 credits in Area III</td>
</tr>
<tr>
<td>Humanities</td>
<td>Score of 489-566 (50th-75th)</td>
</tr>
<tr>
<td>Score of 567 or above</td>
<td>3 credits in Area I</td>
</tr>
<tr>
<td>Social Science—History</td>
<td>6 credits in Area I</td>
</tr>
</tbody>
</table>
During the student's last semester in high school. Contact: Director, the student may receive credit for the prerequisite course or courses bypassed.

Courses without having taken the listed prerequisites. In some cases, instructors, or past experience. In this instance, the gathering of material which one obtains through the major departments. This includes topics in the sciences, humanities, and social sciences as generally indicated by the standard degree requirements. However, the catalog requirements are to be considered as minimal guidelines which can, and should be amended when a stronger alternative is suggested.

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

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

SECOND B.A. AND/OR DOUBLE MAJOR

A minimum of 30 additional semester hours of resident work beyond the hours required for the first degree are required for each subsequent degree.

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

STUDENT ADVISEMENT CONSIDERATION

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

HONORS PROGRAM

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

While the Honors Program aims at enrichment more than acceleration, it is possible through Advanced Placement, Summer Reading, and extra courses for an Honors student to accumulate enough credits to graduate in less than the usual four years.

ELIGIBILITY

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

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

HONORS COURSES

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

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

- English
- American History
- Western Civilization
- Mathematics
- Economics
- Geology
- Honors Colloquium
- Honors Seminar
- Independent Study
- Summer Reading

REQUIREMENTS

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

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

Honors Program Director
Boise State University
Boise, Idaho 83725

INTERNSHIP

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

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION (WICHE)

WICHE Student Exchange Program—Idaho has entered into a regional program with the other Western states to create and support the Western Interstate Commission for Higher Education through whose agency qualified Idaho residents may attend professional schools of dentistry, optometry, physical therapy and occupational therapy in other Western states at essentially the same expense to the student as residents of the state in which the school is located. To qualify, students must be legal residents of Idaho. The number of students who can be accommodated depends upon the amount of appropriated funds made available.

The WICHE Graduate Fellows Program is coordinated through the Western Interstate Commission for Higher Education and is administered in Idaho by the Office of the State Board of Education. This program provides opportunities for Idaho residents to enroll at resident tuition rates in selected graduate programs not available in Idaho, but made available by other Western states cooperating in the program. States participating with Idaho include: Montana, Wyoming, New Mexico, Alaska and Hawaii. In turn, Idaho makes certain of its programs available to residents of these cooperating states.

For further information, interested students should contact the Idaho WICHE Certifying Officer, Office of the State Board of Education, 650 West State Street, Boise, Idaho 83720.

STUDIES ABROAD PROGRAMS

The Office of Studies Abroad, located in the Offices of the Department of Foreign Languages, collects, catalogs and disburses information relative to programs, agencies, associations and opportunities for work, study and travel outside of the United States.

Boise State University is now affiliated with the Northwest Inter-institutional Council for Studies Abroad (NICS), a consortium of universities which, since 1969, sponsors liberal arts programs in London, England and Avignon, France. NICS now also sponsors a program in Cologne, Germany. Students may enroll in these programs here at BSU with the BSU course numbers. No transfer of credit, no loss of credit.

The Office maintains files and forms essential for grants for studying abroad—for graduate students: Rhodes, Marshall and Fulbright-Hays.

OUTREACH SERVICES AND PROGRAMS

EDUCATIONAL PROGRAMS, SPECIAL COURSES, AND COMMUNITY SERVICE OBJECTIVES

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

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

SPECIAL SERVICES AND PROGRAMS

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

Faculty and Staff Consultation Service—The faculty and staff of Boise State will make available meeting rooms and classroom facilities to the various community groups and agencies.

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

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

Data Processing Center—The Center for Data Processing, housed on the first floor of the Business Building, is a university-wide service unit. Its primary mission is to provide computing and data processing service in support of the educational and administrative objectives of the university, to encourage the use of data processing procedures throughout the university, and, in particular, to stimulate the innovative utilization of the equipment.
The Center for Data Processing represents a service agency. All students, faculty, and staff are encouraged to make full use of our facilities. Appropriate charges are made relative to faculty and staff utilization wherein funded projects are involved. Rates are available from the Center for proposal purposes. Charges for data processing services are not made for university use.

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

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

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

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

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

INSTRUCTIONAL PROGRAM AND SPECIAL COURSES

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

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

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

Adult Basic Education Program—Basic literacy training for adults in the community is offered at the Vocational-Technical Division for those who desire to upgrade themselves in order to qualify for occupational entry and/or pursue high school instruction.

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

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

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

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

SUMMER SESSION PROGRAM

A full complement of programs, courses, and services are offered in the summer. Graduate, undergraduate and noncredit programs and courses are offered in the several time block sessions on campus. For more information about summer programs contact the Office of Continuing Education and Summer Sessions, Boise State University.

CONTINUING EDUCATION

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

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

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

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

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

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

CIVIC IMPROVEMENT EFFORTS

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

ACADEMIC INFORMATION
ACADEMIC INFORMATION

COORDINATING OFFICE

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

CONTINUOUS REPORT OF ACTIVITIES

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

ACADEMIC REGULATIONS

REGISTRAR:

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

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

A. FACULTY ADVISING

Prior to actual registration, each new and/or transfer student to the University is assigned to a Faculty Advisor who will assist in preparing a Proposed Course Schedule and in identifying academic requirements. Students contemplating any change of program must confer and initiate the necessary forms with their Advisor.

A student may elect a change advisors after the first semester by obtaining permissions of the new Advisor, then securing the signatures of both the old and the new Advisor on a Change of Advisor form, and filing the form with the Registrar’s Office.

B. STUDENT ADDRESS CHANGE

The student is held responsible for keeping his or her address up-to-date with the Registrar’s Office by filing a Change of Address form in Room 102 of the Administration Building. THE MAILING OF NOTICES TO THE LAST ADDRESS ON RECORD CONSTITUTES OFFICIAL NOTIFICATION.

C. AUDIT VS. CREDIT REGISTRATION

A student may enroll in a course without credit or a grade as an AUDITOR. Participation in class requirements is optional but should be arranged with the instructor early in the semester.

Students enrolling in courses for CREDIT are required to attend class regularly, complete all assignments, and take the necessary examinations. Courses may be taken only once for Credit; however, they may be Audited again, if desired. See Regulation J-b for the procedures to change from credit to audit or audit to credit.

D. CHALLENGING COURSES AND CREDIT BY EXAMINATION

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

Each department shall have the option to allow or not to allow credit by examination for each course in the department. In those courses where credit by examination is allowed, the department shall have the option of using a standardized examination or an examination prepared within the department. The student attempting to earn credit by examination shall, upon receiving his score for the examination, consult with the Department Chairman and determine which one of the following options will be selected.

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

E. ATTENDANCE AND ABSENCE FROM CLASS

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

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

F. GRADING SYSTEM

A—Distinguished work—Four quality points per hour.
B—Superior work—Three quality points per hour.
C—Average work—Two quality points per hour.
D—Passing but unsatisfactory work—One quality point per hour.
F—Failure—No quality points per hour.
P—Pass—No quality points.
CR—Credit—No quality points.
NC—No Credit—No quality points.
I—Incomplete.
W—Withdrawal—No quality points.
S—Satisfactory—No quality points.
U—Unsatisfactory—No quality points.
AUD—Audit—No quality points.
NR—No record.
NG—Non-gradable.

The grade of incomplete can be given in cases where the student's work has been satisfactory up to the last three weeks of the semester. The returning student must contact the instructor and consider the following options:

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

If the student fails to contact the instructor by mid-semester, the instructor can, at that time, change the Incomplete to a "W" or elect to extend the incomplete into the next semester. Within that next semester if the student contacts the instructor, the procedure outlined above can be followed. If there is no contact by the student, the instructor by mid-semester will change the Incomplete to a "W".
A student who receives a grade of 'F' in a given course (if the course is still offered), may elect to retake that course to raise the grade. In respect to a course in Independent Study where the instructor refuses to permit the student to retake the study; where the student cannot secure permission from another instructor to accept the program of study; or, where the instructor has left the institution, the grade of 'F' upon recommendation of the department chairman, reverts to a 'W'.

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

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

G. CLASSIFICATION OF STUDENTS

After registration students are classified as Freshmen, Sophomores, Juniors, Seniors or Graduate.

Freshman—From 0 semester credits through 25.
Sophomore—From 26 semester credits through 57.
Junior—From 58 semester credits through 89.
Senior—90 semester credits and over, but has not received B.A. Degree.
Graduate—Has received B.A. degree.

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

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

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

H. ACADEMIC PROBATION DISQUALIFICATION

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

I. Academic Probation

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

<table>
<thead>
<tr>
<th>Hours Attempted</th>
<th>Minimum GPA Required</th>
<th>Hours Attempted</th>
<th>Minimum GPA Required</th>
<th>Hours Attempted</th>
<th>Minimum GPA Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.00</td>
<td>23</td>
<td>1.78</td>
<td>45</td>
<td>1.89</td>
</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td>24</td>
<td>1.79</td>
<td>46</td>
<td>1.89</td>
</tr>
<tr>
<td>3</td>
<td>0.33</td>
<td>25</td>
<td>1.80</td>
<td>47</td>
<td>1.89</td>
</tr>
<tr>
<td>4</td>
<td>0.75</td>
<td>26</td>
<td>1.81</td>
<td>48</td>
<td>1.89</td>
</tr>
<tr>
<td>5</td>
<td>1.00</td>
<td>27</td>
<td>1.81</td>
<td>49</td>
<td>1.90</td>
</tr>
<tr>
<td>6</td>
<td>1.17</td>
<td>28</td>
<td>1.82</td>
<td>50</td>
<td>1.90</td>
</tr>
<tr>
<td>7</td>
<td>1.28</td>
<td>29</td>
<td>1.83</td>
<td>51</td>
<td>1.90</td>
</tr>
<tr>
<td>8</td>
<td>1.37</td>
<td>30</td>
<td>1.83</td>
<td>52</td>
<td>1.90</td>
</tr>
<tr>
<td>9</td>
<td>1.44</td>
<td>31</td>
<td>1.84</td>
<td>53</td>
<td>1.90</td>
</tr>
<tr>
<td>10</td>
<td>1.50</td>
<td>32</td>
<td>1.84</td>
<td>54</td>
<td>1.91</td>
</tr>
<tr>
<td>11</td>
<td>1.54</td>
<td>33</td>
<td>1.85</td>
<td>55</td>
<td>1.91</td>
</tr>
<tr>
<td>12</td>
<td>1.58</td>
<td>34</td>
<td>1.86</td>
<td>56</td>
<td>1.91</td>
</tr>
<tr>
<td>13</td>
<td>1.61</td>
<td>35</td>
<td>1.86</td>
<td>57</td>
<td>1.91</td>
</tr>
<tr>
<td>14</td>
<td>1.64</td>
<td>36</td>
<td>1.96</td>
<td>58</td>
<td>1.91</td>
</tr>
<tr>
<td>15</td>
<td>1.67</td>
<td>37</td>
<td>1.86</td>
<td>59</td>
<td>1.91</td>
</tr>
<tr>
<td>16</td>
<td>1.69</td>
<td>38</td>
<td>1.87</td>
<td>60</td>
<td>1.92</td>
</tr>
<tr>
<td>17</td>
<td>1.70</td>
<td>39</td>
<td>1.87</td>
<td>61</td>
<td>1.92</td>
</tr>
<tr>
<td>18</td>
<td>1.72</td>
<td>40</td>
<td>1.87</td>
<td>62</td>
<td>1.92</td>
</tr>
<tr>
<td>19</td>
<td>1.74</td>
<td>41</td>
<td>1.88</td>
<td>63</td>
<td>1.92</td>
</tr>
<tr>
<td>20</td>
<td>1.75</td>
<td>42</td>
<td>1.88</td>
<td>64</td>
<td>1.92</td>
</tr>
<tr>
<td>21</td>
<td>1.76</td>
<td>43</td>
<td>1.88</td>
<td>65</td>
<td>2.00</td>
</tr>
<tr>
<td>22</td>
<td>1.77</td>
<td>44</td>
<td>1.89</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

B. The cumulative GPA will be computed on all credits attempted.

C. Students on academic probation will be automatically removed from probation at a time they earn a cumulative GPA equal to or higher than the minimum required for the number of hours attempted.

II. Disqualification

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

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

III. Reinstatement

A. After being disqualified and dismissed from the university a student may be reinstated by submitting a petition to the academic dean of the school he/she was dismissed from and receiving favorable action on his/her petition.

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

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

IV. Repeated Disqualification

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

B. If a student receives a repeat disqualification, he/she will be dismissed from the university and cannot be reinstated to the university except by petition to and favorable action from his/her academic dean.

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

V. Forgiveness for Failing Grades

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

VI. Restrictions

Students on probation are ineligible for participation in university-sponsored extracurricular activities (see Eligibility for Extracurricular Activities section of the BSU Student Handbook).

I. ADMISSION ON PROBATION

Students wishing to transfer to Boise State University from other colleges and universities must have a GPA of 2.00 or above on all prior collegiate work completed or have cleared the probationary provision outlined in the preceding section D. Academic Probation and Disqualification.
ACADEMIC INFORMATION

J. CHANGE IN REGISTRATION

1. PROGRAM CHANGES
   A student may make the following program changes by securing a Change in Registration card and signature from his/her Advisor and then the endorsement of each professor involved in the change. The completed Change in Registration card must be filed with the Registrar (Room 102, Admin. Bldg.). No registration change is effective until dated and signed by the Registrar.
   A. Adding & Dropping Courses
      A student may ADD a course for credit through the second week of classes without the consent of the Instructor. From the beginning of the third week until the end of the twelfth week of classes a student must Petition to add a course with the consent of the Instructor.
      A student may DROP a course up through the tenth week of classes without penalty for failing work and all grades will be recorded as Withdrawal (W). (See University Calendar for specific date). No student may Drop a course(s) during the last six weeks of a semester except for verifiable emergency and/or medical reasons (see Regulation J-2). Students who remain enrolled in a class after the tenth week and fail to complete the course requirements shall be awarded a final grade of “F”.
   B. Audit/Credit
      A student may change his/her status in a course from CREDIT to AUDIT or from AUDIT to CREDIT up through the tenth week of classes. No student may change his/her status in a course during the last six weeks of a semester.
      Students who change their status in a course from AUDIT to CREDIT must pay any difference in course costs plus a three dollar ($3.00) change-in-status fee. All changes must be initiated by the student.
      Students who change their status in a course(s) from CREDIT to AUDIT during the first four weeks of a semester may request a refund of the difference between Audit registration fees and Credit registration fees. Any refund will be prorated in accordance with the University’s Refund Policy pertaining to general fees.
   C. Course Section Change
      Students who find themselves enrolled in the wrong section of a course(s) because of registration error, class change or closure etc., may file a Change in Registration card with the Registrar’s Office up to the last two weeks of a semester.

2. COMPLETE WITHDRAWAL FROM THE UNIVERSITY
   A student may withdraw from the University up through the tenth week of classes without penalty for failing work and all final grades will be recorded as Withdrawal (W). (See University Calendar for specific date)
   No student may withdraw from the University during the last six weeks of a semester except for verifiable emergency and/or medical reasons, i.e., serious illness or injury to the student, death in the immediate family, etc. Students who remain enrolled after the last date for withdrawal and fail to complete the course requirements will be awarded final grades of “F”.
   A. Faculty Initiated Withdrawal. The responsibility for withdrawing from individual courses rests with the individual student; but in certain situations the instructor may initiate the withdrawal.
      1. If the student registers for the course but never attends
      2. If the student registers for the course, attends briefly, and then neglects to withdraw from the course
      3. If the student registers for the course on an audit basis but never attends, or attends for only a brief period.
      In cases of a faculty initiated withdrawal the instructor will notify the office of the Vice-President for Student Affairs of the impending action. The Vice-President will then notify the student. If no further effort is made by the student within two weeks after the notification, the instructor may then initiate the withdrawal.
   B. Right of Appeal:
      In cases where a strict application of this regulation seems—in the opinion of an instructor, advisor or a student—to work an unreasonable hardship, the Dean of Student Advisory and Special Services is authorized to grant exceptions.

K. COURSE PREREQUISITE WAIVER

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

L. CREDIT FOR PREREQUISITES NOT TAKEN

Students who have a sufficiently high GPA or ACT score, who pass a Departmental Placement examination, or have the approval of the department chairman may take designated courses without having completed the listed prerequisites.

Students who receive a grade of "C" or better for a course in which they have not taken the prerequisite course(s) will be given credit with a grade of "S" for that course(s) when the following conditions are fulfilled:
   1. The student may make application for this credit only after the final grade for the advanced course is officially recorded.
   2. The student, in consultation with his advisor, must initiate the application, using the appropriate form and following the proper procedure.
   3. Department chairmen and deans will determine for which course(s) this credit is appropriate.
   4. In some cases, as determined and required by department chairmen and deans, an examination covering the content of the prerequisite course(s) must be passed by the student before the credit with a grade of "S" is awarded.

M. PETITIONS

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

N. UNDERGRADUATE ENROLLMENT IN 500-LEVEL COURSES

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

O. VETERANS

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

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

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

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

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

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

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

1. If the veteran is a graduate student, his benefits will be determined by the number of hours he enrolls for according to the following schedule:
   - 9 or more semester hours—full time
   - 6-8 semester hours—¾ time
   - 4-5 semester hours—½ time
   - Less than 4 semester hours—Registration fee only

2. If the veteran is an undergraduate student, his benefits will be determined by the number of hours he enrolls for according to the following schedule:
   - 12 or more semester hours—full time
   - 9-11 semester hours—¾ time
   - 6-8 semester hours—½ time
   - Less than 6 semester hours—Registration fee only

P. SERVICEMAN'S OPPORTUNITY COLLEGE

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

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

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

ACADEMIC INFORMATION

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

Q. TRANSFER OF VOCATIONAL TECHNICAL/ACADEMIC CREDITS

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

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

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

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

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

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

R. DEAN'S LIST

Every student who has attempted 12 or more credits of academic work and achieves a grade point average of 3.5 or higher receives "Dean's List" recognition. An individual with a grade point average of 3.50 to 3.74 receives an "Honors" designation; a person with a 3.75 to 3.99 grade point average receives a "High Honors" designation; and a person who achieves a 4.00 grade point average receives a "Highest Honors" designation.

STUDENTS UNDECIDED ON MAJOR

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

The following course suggestion for the freshman year includes those basic requirements for a Bachelor of Arts Degree. Within this program a student may choose from several courses listed in each area. An elective course should be chosen from the School of Business. These courses will be counted toward graduation either as electives or possibly as requirements in the major field once it has been chosen. For minimum requirements on the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Music, and Bachelor of Fine Arts Degrees, please refer to page 24 of this bulletin.

21
**ACADEMIC INFORMATION**

**FRESHMAN YEAR:***

<table>
<thead>
<tr>
<th>Subject</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>Area I Requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area II Requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area III Requirements</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Elective in School of Business</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

* 16 16

*Determined by student score on ACT exam. See below.
Each area consists of courses from the following fields:

**AREA I**
- Art
- Literature
- Philosophy

**AREA II**
- Anthropology
- Communications
- Economics
- Geography
- History
- Political Science
- Psychology
- Sociology

**AREA III**
1. A year's sequence chosen from:
   - Biological Science
   - Mathematics
   - Physical Science (Includes C, GO, PS and PH courses)

   With additional credits from a field other than that chosen to satisfy the sequence requirement.

   or

2. Any three of the following courses:
   - Biology—Concepts of Biology
   - Chemistry—Concepts of Chemistry
   - Geology—Fundamentals of Geology
   - Mathematics—Cultural Approach to Math
   - Physical Science—Foundations of Physical Science
   - Physics—Introduction to Descriptive Astronomy

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

GRADUATION

A student must make formal application for graduation by filing with the Registrar the application form which is obtained at the Registrar’s Office. Normally this application should be submitted two semesters before the contemplated graduation and upon the completion of 70 credit hours.

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

GENERAL UNIVERSITY (CORE) REQUIREMENTS

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

ENGLISH COMPOSITION

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

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

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

All entering freshmen scoring below the 20th percentile on the ACT national norms are required to take Developmental Writing (E010) and to pass with an S grade before being admitted to E 101.

BACCALAUREATE DEGREES

MINIMUM GRADUATION REQUIREMENTS (CREDITS)

ALL BACCALAUREATE DEGREES

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

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

D. Minimum credit hours in residence: 30 credit hours of which the last 15 credit hours prior to graduation must be taken at the university during the regular or summer sessions.

IV. Extension, Correspondence and Religion Courses

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

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

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

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

VI. Requirements for Double Major

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

BACHELOR OF ARTS DEGREE
MINIMUM REQUIREMENTS (CREDITS)

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

B. Area I requirements ..............................................12**
   1. Three credits in Literature
   2. Three credits in a second field
   3. Three credits in a third field
   4. Three credits in any Area I field
   Area I is composed of the following fields:
      Art AR
      Humanities HU
      Literature***
      Music MA, ME, MU
      Philosophy PY
      Theatre Arts TA
      Foreign Language (102 or higher of one language)

C. Area II requirements .............................................12
   1. Three credits in History
   2. Three credits in a second field
   3. Three credits in a third field
   4. Three credits in any Area II field
   Area II is composed of the following fields:
      Anthropology AN
      Communications CM
      Economics EC
      Geography GG
      History HY
      Political Science PO
      Psychology P
      Sociology SO

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

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

F. Departmental major

* Determined by student score on ACT exam. See page 23.
** Three credits may be in performance courses.
*** Three credits must be in literature.
**** This includes courses in Chemistry, Geology, Physical Science and
   Physics.

BACHELOR OF SCIENCE DEGREE
MINIMUM REQUIREMENTS (CREDITS)

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

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

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

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

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

F. Departmental major

* Determined by student score on ACT exam. See page 23.
** Three credits may be in performance courses.
*** Three credits must be in literature.
**** This includes courses in Chemistry, Geology, Physical Science and
   Physics.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE
MINIMUM REQUIREMENTS (CREDITS)

A. English Composition ...........................................3-6*
B. Area I Requirements ................................................................. 6
C. Area II Requirements ............................................................. 12
  1. Economics .............................................................................. 6
  2. Area II credits other than in economics .................................... 6
D. Area III Requirements .............................................................. 11-12
  1. Two-semester sequence in math .............................................. 8
  2. One semester physical or biological science .............................. 3-4
     Suggested science courses:
     Concepts of Biology, B-100
     Concepts of Chemistry, C-100
     Foundations of Physical Science, PS-100
     Fundamentals of Geology, G-100
     Introduction to Descriptive Astronomy, PH-105
     Man and His Environment, B-200
E. An additional 16 hours are required in disciplines other than those
   administered in the School of Business. These additional credits must include
   hours from at least two of the three areas listed below:
   Area I
   Humanities
   Theatre Arts
   Art
   Music
   Philosophy
   Foreign Language (102 or higher of one language)
   Area II
   Anthropology
   Communication
   Geography
   History
   Political Science
   Psychology
   Sociology
F. A major in Accounting, Business Education, Economics, Finance, General Business, Industrial
   Business, Information Sciences, Management, Marketing, Real Estate, or Office Administration
   meeting all specific requirements for the major—see requirements in Part V.
   *Determined by student score on ACT exam. See page 23.
   **The Physical Sciences include C, GO, PS, PH courses.

BACHELOR OF MUSIC DEGREE
MINIMUM REQUIREMENTS (CREDITS)

A. General University Requirements .............................................. 3-6*
  1. English Composition ......................................................... 3-6*
B. Area I Requirements ............................................................. 9
  1. Literature ............................................................................. 3
  2. Three credits in a second field .............................................. 3
  3. Three credits in any Area I field .......................................... 3
   Area I is composed of the following fields:
   Art AR
   Humanities HU
   Literature
   Music History
   Philosophy PY
   Theatre Arts TA
C. Area II Requirements ............................................................. 9
  1. History ................................................................................. 3
  2. Three credits in a second field .............................................. 3
  3. Three credits in any Area II field .......................................... 3
   Area II is composed of the following fields:
   Anthropology AN
   Communication CM
   Economics EC
   Geography GG
   History HY
   Political Science PO
   Psychology P
   Sociology SO
D. Foreign Language and Area III Requirements .............................. 8
  1. Performance and Theory-Composition Majors:
     a. A year’s sequence of a foreign language ......................... 8
  2. Music Education Majors:
     a. A Year’s sequence of a foreign language ....................... 8
        or b. A year’s sequence chosen from:
        Biological Sciences
        Mathematics
        Physical Sciences
        or c. Any two of the following courses:
        Concepts of Biology
        Concepts of Chemistry
        Fundamentals of Geology
        Cultural Approach to Math
        Foundations of Physical Science
        Introduction to Descriptive Astronomy

25
ACADEMIC INFORMATION

E. A major in music with emphasis in Performance, Theory-Composition, or Music Education, meeting all specific requirements as defined on pages 62-63 in the catalog.

* Determined by student score on ACT exam. See page 23.
** Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.
*** A maximum of three credits of Music History will be allowed to count in Area I.

BACCALAUREATE DEGREE PROGRAMS-

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

- Accounting
- Advertising Design
- Art
- Art, Secondary Education Option
- Biology
- Biology, Secondary Education Option
- Business Education
- Chemistry
- Chemistry, Secondary Education Option
- Communication
- Communication, Secondary Education Option
- Combined Major Communications—English
- Construction Management
- Criminal Justice Administration
- Earth Science Education
- Economics
- Economics, Social Science Secondary Education Option
- Elementary Education
- English
- English, Secondary Education Option
- Environmental Health
- Finance
- General Business
- Geology
- Geophysics
- German
- Health Science Studies
- History
- History, Secondary Education Option
- History, Social Science Secondary Education Option
- Industrial Business
- Information Sciences
- Management
- Marketing
- Mathematics
- Mathematics, Secondary Education Option
- Medical Technology
- Multi-Ethnic Studies
- Music
- Music, Secondary Education Option
- Nursing
- Office Administration
- Physical Education, Secondary Education Option
- Physics
- Physics, Secondary Education Option
- Political Science
- Political Science, Social Science Secondary Education Option
- Pre-Dental Studies
- Pre-Medical Studies
- Psychology
- Radiological Science
- Real Estate
- Social Science
- Social Work
- Sociology
- Sociology, Social Science Secondary Education Option
- Spanish
- Theatre Arts
- Theatre Arts, Secondary Education Option

NOTE: PRE-LAW CURRICULUM

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

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

ADVANCED DEGREES

- Master of Business Administration
- Master of Arts in Elementary Education
- Master of Arts in Elementary Education. Areas of Emphasis in Curriculum and Instruction, Content Enrichment, Reading, Special Education.
- Master of Public Administration, Areas of Emphasis in General Public Administration; Community, State and Regional Planning; Criminal Justice Administration, Public Health Administration; Public Finance, Budgeting, and Administrative Management; Environmental and Natural Resources Administration; Local Government Administration; Human Services Administration.

OTHER DEGREES

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

- Associate of Science
  - Medical Record Technician
  - Radiologic Technology
  - Respiratory Therapy
  - Registered Nursing
  - Fashion Merchandising—Mid-Management
  - Office Systems—Secretarial and word processing options
  - Marketing—Mid-Management
  - Criminal Justice Administration
  - Medical Office Assistant (Medical Secretary)

- Associate of Applied Science
  - Child Care
  - Drafting Technology
  - Electronics Technology
  - Food Service

- Diploma
  - A diploma will be granted upon successful completion of the following two-year programs:
    - Business Machine Technology
    - Horticulture
ACADEMIC INFORMATION

SCHOOL OF HEALTH SCIENCES

Department of Allied Health Studies
Medical Records Technology ... MR
Medical Technology ... MT
Radiologic Technology ... RD
Respiratory Therapy ... RT

Department of Community and Environmental Health
Environmental Health ... EH
Health Sciences ... H

Department of Nursing
Nursing ... N

SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION

Department of Health Occupations
Dental Assistant ... DA
Operating Room Technology ... OR
Practical Nursing ... PN

Department of Heavy Technology
Refrigeration Heating ... RH
Industrial Plant Maintenance ... PM
Machine Shop ... MS

COURSE DESIGNATIONS

SCHOOL OF ARTS AND SCIENCES

Department of Art
Art
Department of Biology
Biology
Botany
Forestry
Zoology
Department of Chemistry
Chemistry
Department of Communication
Communication
Department of English
English
Humanities
Linguistics
Department of Foreign Languages
Foreign Languages
French
German
Russian
Spanish
Department of Geology
Geology
Department of Home Economics
Home Economics
Department of History
History
Department of Mathematics
Mathematics
Department of Military Science
Military Science
Department of Music
Music, Applied (Performance)
Music, Ensemble
Music, General
Department of Political Science
Political Science
Department of Physics, Engineering and Physical Science
Construction Management
Engineering
Physics
Physical Science
Department of Social Work
Social Work
Department of Societal and Urban Studies
Anthropology
Criminal Justice Administration
Social Science
Sociology
Certificate of Completion
A certificate of completion is granted for completion of less than 2-year programs and for completion of other authorized programs, such as seminars, workshops, special interest community courses, etc.

SCHOOL OF BUSINESS

Department of Accounting and Data Processing
Accounting
Data Processing
Office Administration
Business Education
Office Administration
Department of Economics
Economics
Department of Management and Finance
Aviation Management
Finance
General Business
Management
Real Estate
Department of Marketing and Mid Management
Marketing, General
Marketing, Mid Management

SCHOOL OF EDUCATION

Department of Health, Physical Education and Recreation
Physical Education
Department of Psychology
Psychology
Department of Teacher Education and Library Science
General Education
Library Science
Teacher Education

SCHOOL OF HEALTH SCIENCES

Department of Allied Health Studies
Medical Records Technology
Medical Technology
Radiologic Technology
Respiratory Therapy

Department of Community and Environmental Health
Environmental Health
Health Sciences

Department of Nursing
Nursing

SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION

Department of Health Occupations
Dental Assistant
Operating Room Technology
Practical Nursing

Department of Heavy Technology
Refrigeration Heating
Industrial Plant Maintenance
Machine Shop
ACADEMIC INFORMATION

Electrical Lineman ........................................ EL
Welding .................................................... W

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

Department of Mechanical Technologies
Auto Body ..................................................... AB
Automotive Mechanics .................................. AM
Heavy Duty (diesel) Mechanic ....................... DM
Parts Counterman ....................................... PC
Small Engine Repair .................................... SE

Department of Service Occupations
Child Care ................................................... CC
Food Service Technology .............................. FT
Horticulture Service Technician ..................... HO
Office Occupations ....................................... OF


NOTE

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

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

COURSE NUMBERING

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

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

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

1. g courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for students both in the department or school, and for other students as well.

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

UNIVERSITY-WIDE COURSE NUMBERS

UNDERGRADUATE

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

Independent study (188 and 496) must be arranged between student and teacher on an individual basis. The course description will not appear in other sections of the catalog. Individual conference, workshop, and special topic courses (294, 297, 494, 497) will be described in the "Class Schedule and Registration Information" brochure published each semester.

188 Honors Independent Study (1-3 credits) An independent study experience to provide an Honor Student study opportunities of a reading or project nature. Credits may not exceed three (3) per semester nor six (6) maximum in an academic year. Prerequisite: Approval of the Dean and Department Chairman upon recommendation of the faculty advisor.
293-493 Internship (Variable credits) The internship number is available to academic departments to provide an opportunity for supervised "field-work" that is specifically related to the student's major field of study.
294-494 Conference or Workshop (0-4 credits) Conducted by outstanding leaders or qualified faculty in a particular field under the auspices of Boise State University.
297 Special Topics (1-4 credits)* 496 Independent Study (1-4 credits) Individual study of either a reading or project nature. Offered on demand. Student must make application well in advance of the special study experience. May be repeated for a maximum of 9 credits; 6 credits in any one academic year. Prerequisite: consent of instructor and department chairman.
497 Special Topics (2-4 credits) Prerequisite: advanced standing and consent of instructor and department chairman.
498 Seminar (1-4 credits).
499 Seminar (1-4 credits).

GRADUATE

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

580-589 Selected Topics

The intention is that the subjects normally offered and studied in any one department will be divided into no more than 10 areas. One of the numbers 580 and 585 will then be assigned a given area on a permanent basis. The topics considered in the courses in any one area will generally vary from semester to semester, but repeated use of any one number will always imply that the topics continue to be selected from just one area.

- 590 Practicum
- 591 Project
- 592 Colloquium
- 593 Thesis
- 594 Extended Conference or Workshop (Graded A through F)
- 595 Reading and Conference
- 596 Directed Research

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

- 597 Special Topics
- 598 Seminar
- 599 Short Term Conference or Workshop (Graded Credit or No Credit)

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

INTERDISCIPLINARY COURSES

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

HP 198, 298, 398 Honors Seminar (1 credit) A seminar involving interdisciplinary lecture discussion for honors students. Topics are selected by the students. Credit or no credit will be given rather than letter grades.
HP 100, 200, 300, 400 Summer Readings (1-3 credits) An opportunity and incentive for students to continue their studies during the summer when they are away from campus and faculty. Students must select their area of interest, contact a faculty supervisor, and coordinate through the Honors Program Director concerning testing and credit for the work prior to the end of spring semester. Students will register during fall registration and will complete written and oral testing as required not later than October 15 in order to receive credit or no credit.

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

SG 188, 496 Student Government Independent Study (1-3 Credits) Students who are currently serving in major student government offices may avail themselves of Independent Study in Student Government. This study will be coordinated by the Vice President for Student Affairs, and may be taken in any department of the college provided an instructor is willing to direct the study. Students who are eligible for this study are (1) the Major Elected Officers (President, Vice-President, Treasurer), (2) Major Appointed Officers (Business Manager, Publicity Director, Administrative Assistant to the President, and Personnel Officer), and (3) Senators. Credits may not exceed three in any one semester or six in one academic year. A maximum of nine credits will be accepted toward graduation.

GS 501 History of Science (3 credits) (Course description Part IV of catalog)

RELIGIOUS INTEREST COURSES

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

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

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

I. Systems of Thought
   PY-231 Philosophy of Religion
   PY-245 Metaphysics
   PY-247 Epistemology
   PY-249 Ancient Philosophy
   PY-251 Medieval Philosophy
   PY-497 Thomistic Ethics

II. History
   HY-332 The Medieval Church
   HY-310 The Reformation
   HY-331 Islamic Civilization
   HY-497 Seminar: Early Christianity

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

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

V. Primary Sources
   GR-297 New Testament Greek
   L-297 Latin
STUDENT AFFAIRS

OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS

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

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

OFFICE OF STUDENT ADVISORY AND SPECIAL SERVICES

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

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

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

ALL COMPLETE WITHDRAWALS FROM THE UNIVERSITY as well as student petitions, special requests, appeals, and referrals are initiated and cleared through this office. (See page 20 of this bulletin).

VETERANS AFFAIRS

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

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

HEALTH SERVICE

The Student Health Service assists the academic goals of students by providing 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 University Drive. 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 obstetric delivery.

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

CENTER FOR COUNSELING, TESTING AND GUIDANCE

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

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

ALUMNI AFFAIRS OFFICE

The Alumni Office is located on the second floor of the Student Union Building. The function of the office is to coordinate activities of the Boise State University Alumni Association, a voluntary organization incorporated in 1967. Membership includes all individuals who have completed two semesters or more and entitles them to receive alumni news publications, placements services, use of the Student Union, Library and swimming pool facilities. The objectives and goals of the association are to maintain contact with graduates and former students and to promote their interest in and support of the University. The office publishes a newsletter and periodical mailings keep the alumni informed of campus activities. All members are urged to keep the Alumni Office informed about changes of address, employment status, marriages, births, and other information of interest to fellow class members. Students and alumni are welcome to visit at any time during office hours.

CAREER AND FINANCIAL SERVICES

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

I. Career Services

Career and Financial Services provides career planning and placement assistance to students and alumni. This equal opportunity service includes:

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 vocationally significant data at a time when instructor and administrators re-member 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) Placement Assistance

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. Many other employers list various positions through the office. Numerous directories are available to help identify possible employers.

II. Financial Services

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

PURPOSE AND POLICY

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

APPLYING FOR AID

If a student is a U.S. citizen or permanent resident, enrolled on at least a half-time basis (6 semester credit hours) at Boise State University AND shows financial need, the student is eligible for financial aid.

APPLICATION DEADLINES

March 1, 1978 — Scholarships
April 1, 1978 — Need-Based Aid

THESE DEADLINES ARE EXTREMELY CRITICAL. If all documents required have not been received by the deadlines indicated, consideration for aid will be on a first-come, first-served basis only in the event there are remaining funds.

Eligibility to receive financial aid is dependent upon being accepted by the University into an academic or Vocational-Technical program and completion of all requirements for registration. The following forms must also be submitted:

1. FINANCIAL AID FORM (FAF) — submit to College Scholarship Service (CSS) in Berkeley, California, along with a $4.50 processing fee — allow 3-4 weeks for processing. If the individual is applying for Basic Grant only, no fee is charged.

2. IDAHO APPLICATION FOR FINANCIAL AID 1978-79 (IFA) — submit along with FAF to CSS.

3. (Optional) BSU APPLICATION FOR SCHOLARSHIPS—submit to Career and Financial Services. This form is necessary to apply for most scholarships offered through the University "Boise State Scholarships" brochure lists those scholarships offered and is available from Career and Financial Services.

4. Students who have attended another college or university must submit a financial aid transcript from all schools attended.

IDENTIFICATION OF SELF-SUPPORTING (INDEPENDENT) STUDENT

Under Federal regulations a student is eligible for consideration as an "independent student" for Federal student financial aid who...

STUDENT AFFAIRS

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 aid is requested.

2) Has not received and will not receive financial assistance of more than $600 for the period listed in (1) above.

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

RESPONSIBILITY FOR VALID DATA. Parents, student applicants, and spouses should be prepared to certify that to the best of their knowledge the information contained in the applications is 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.

FINANCIAL AID PROGRAMS

Students filing the FAF and IFAF will be considered for:

* BASIC EDUCATIONAL OPPORTUNITY GRANT
* SUPPLEMENTARY EDUCATIONAL OPPORTUNITY GRANT
* STATE STUDENT INCENTIVE GRANT
* NURSING SCHOLARSHIP (a Federal Grant)
* NURSING STUDENT LOAN
* NATIONAL DIRECT STUDENT LOAN
* WAIVERS OF NON-RESIDENT TUITION
* COLLEGE WORK STUDY EMPLOYMENT

Special applications are required for:

* SCHOLARSHIPS
* BUREAU OF INDIAN AFFAIRS
* FEDERALLY INSURED LOANS
* LAW ENFORCEMENT EDUCATION PROGRAM (LEEP)
* BSU LOANS (short-term or emergency)

*A STUDENT MUST REAPPLY FOR FINANCIAL AID EACH YEAR. Detailed descriptions of the programs are available from Career and Financial Services.

LOSS OF FINANCIAL AID

Academic disqualification will automatically result in loss of financial aid, requiring completion of a minimum of 8 credit hours one semester with at least a 2.25 GPA before a student can be considered for reinstatement of financial aid.

SUMMER SESSIONS

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

OTHER PART-TIME EMPLOYMENT

Off campus part-time employment services are available for students and their spouses. 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. This referral service is located in Room 117, Administration.

GRADUATE STUDENTS

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

INTERNATIONAL STUDENTS

Foreign students, in order to be granted student visas, must demonstrate that they have resources for the entire period of university attendance. Therefore, they are not eligible for University financial assistance except under unusual circumstances. In these special cases they may be considered for part-time, on-campus employment, if local funds are available, but only after they have satisfactorily completed at least one academic semester. They may also be eligible to apply for a waiver of non-resident tuition after one year. Emergency loan funds are available upon recommendation of the Foreign Student Advisor and approval by Career and Financial Services. Repayment to the University within a specified time is mandatory. Off-campus employment requires recommendation of the Foreign Student Advisor and explicit permission of the U.S. Immigration Service. In all cases, the process for any assistance must be initiated with the Foreign Student Advisor.

IDAHO RESIDENT HIGH SCHOOL SENIORS

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

STATE OF IDAHO SCHOLARSHIP AWARDS—Idaho resident high school seniors should obtain the State of Idaho Scholarship Program application from their counselor or Office of the State Board of Education, 650 West State Street, Boise, ID 83702.

OTHER SOURCES OF AID

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

FOR DETAILED INFORMATION ON THE VARIOUS FINANCIAL AID PROGRAMS AND APPLICATION PROCEDURES CONTACT THE COORDINATOR STUDENT FINANCIAL AID PROGRAMS, CAREER AND FINANCIAL SERVICES, BOISE STATE UNIVERSITY, BOISE, ID 83725.

STUDENT HOUSING

STUDENT RESIDENTIAL LIFE

The Office of Student Residential Life is responsible for all operations and programs related to the residence halls, married student and family housing, and off-campus living concerns. The Office implements and initiates the University’s housing policies and procedures. This Office selects residence hall staff and maintains an ongoing training program. Supervision is provided for the Presidents’ Council and, as well, for the various residence hall judicial boards. The Office also serves in a counseling capacity for individuals and groups.

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

UNIVERSITY RESIDENCE HALLS

Boise State currently maintains four residence halls with accommodations for approximately 760 students. They 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 hall (Morrison) provides living facilities for 78 men and women.

The Towers, 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 48 single and 15 double rooms arranged into ten suites from six to eight students.

Morrison Hall is coed, with the men and women living in opposite wings separated by lounges and laundry facilities. The hall 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 50 men to a floor, living in 24 double rooms, two single rooms and two Resident Advisors’ rooms per floor. Each student room is equipped with a telephone. Both units are connected by enclosed corridors to a central lounge and control unit. Each floor of Chaffee Hall is in a sense a separate living unit with a small informal lounge, study room, and laundry facilities.

Laundry facilities are available in each of the residence halls. Linens (sheets, pillowcases, 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 is for room and board for the entire academic year. Applications must be made on the official contract form and accompanied by an application and security deposit of $45.00.

APPLICATION PROCEDURE

All inquiries and letters requesting information and application-contracts should be sent directly to: Office of Student Residential Life Boise State University 1910 University Drive Boise, Idaho 83725

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

1. A completed application-contract is sent to the Boise State University Office of Student Residential Life with:
   a. A $45.00 application fee and security deposit. Check or money orders should be made out to Boise State University. This deposit is not to be construed as a partial payment for the cost of room and board. It is held (after assignment) as a damage deposit and as assurance of compliance with the full terms of the contract. It is refundable when the student permanently moves out of the residence hall as specified in Residence Hall Contract Conditions.
   b. Agreement for cancellation of a room assignment is not received prior to August 1 for the Fall Semester and January 2 for the Spring Semester.
   c. Signature of parent or guardian for students under 18.

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 signs the contract with the Office of Student Residential Life to pay or make arrangements for room and board fees. The student will be advised of his specific room number when he moves into his hall.

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

NOTE: Residence hall expense and meal option plans are presented in Part 1 of this catalog.
Students who wish to break their contract prior to the end of the year are subject to the following terms and conditions:

1. Under all conditions, a Petition to Break Contract must be completed with the Office of Student Residential Life.

2. Students will not be permitted to break their contract prior to the end of the academic year unless there are emergency considerations or contingencies such as marriage, graduation, withdrawal from school or transfer to another school.

3. Any students who do not plan to return for second semester must still complete a Petition to Break Contract prior to the end of the fall semester.

4. A student withdrawing after assuming residence in the hall shall be obligated for the full amount of the room for the duration of the semester, or until another student from outside the hall is assigned to that room, whichever comes first. The only exception to this is if the student moving out finds a regularly enrolled full-time student to take his/her place from outside the residence halls; this option can be exercised only when there is no waiting list.

5. If a student's withdrawal involves critical illness which is verified, he/she may petition for a refund. If granted, he/she will be liable for the cost of room and board during the time of occupancy.

6. Students who violate rules or whose conduct is unsatisfactory may be asked to leave the hall and/or the University, forfeiting all payments, and vacating the hall within twenty-four hours.

7. Situations with extenuating circumstances which affect the health and welfare of the student will be reviewed by the Office of Student Residential Life, recommendations will be made to the Director of Student Residential Life.

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

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 transferrable.

2. The University respects the student’s 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; this usually is done with advance notice. However, in cases where there is probable cause to believe that the student is or has been violating University and/or residence hall regulations, the University can enter a student’s room. This right is exercised with great discretion.

3. All residence hall contracts are for both room and board. Contracts for room only are not available.

4. Room and board payments for the academic year become due and payable prior to August 1; final confirmation of a room assignment cannot be made until financial terms of this contract are met by total payment or the three specified installments. Arrangements for payment other than the above must be made directly with the Office of Student Residential Life.

5. Students will be responsible for the furniture and fixtures in their rooms and for University property within the hall. Where individual responsibility for damages can be determined, the individual will be charged.

6. Students may not remove the furniture from the lounge areas.

7. Payment for damages during the academic year will not be taken out of or charged against the application fee and 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.

8. 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.

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

10. The use/and or possession of alcoholic beverages in other than the student’s room is prohibited.

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

12. Quiet hours extend from 7 p.m. to 7 a.m., except on “quiet hours” floors/suites where the quiet period will be longer and will be determined by the residents of that unit.

13. Each residence hall permits up to ten (10) hours visitation per day on the weeknights and twelve (12) hours on the weekends, with the hours determined by the students.

14. A student cannot block or restrict access to his room by a University official.

UNIVERSITY REGULATIONS

All students are held responsible for knowing the University regulations and information set forth in the official catalog and Student Handbook. All University rules and regulations as well as residence hall regulations are specifically made a part of this contract by reference.

PROGRAM FEES

All residence halls have a required $15.00 program fee which is set and collected by each hall government at the time the student checks into the hall. This fee is used for programs, activities, and various types of interest group projects as desired by the students.
HALL AND ROOM ASSIGNMENTS

All students must have a completed and signed application-contract filed with the Director of Student Residential Life before a hall and room assignment can be made. Halls and rooms are assigned on an adjusted priority system (returning residence hall students have housing priority), date of application and deposit, and ACCEPTANCE BY THE UNIVERSITY. If a specific person is desired as a roommate, the two persons concerned should be certain that their applications are filed about the same date. If no one is requested as a roommate, it is then assumed that the applicant will accept the person assigned. The preferences indicated by the student on the application-contract card regarding the desired hall, room size, and so forth are not binding but will be honored whenever possible in making assignments.

CHRISTMAS AND SPRING BREAKS

The residence halls are officially closed during Christmas and Spring Breaks. Any student desiring to remain in the halls for all or either of these periods or a portion thereof will be required to pay $2.25 per night.

UNCLAIMED ROOM RESERVATIONS

All room reservations unclaimed by midnight of the last day of regular registration for either semester will be cancelled, and the $45.00 application fee and security deposit forfeited. If the holder of the reservation will be late in arriving, he/she must notify the Director of Student Residential Life prior to the above date by telegram, telephone, or letter.

DAMAGED PERSONAL PROPERTY

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.

FOOD SERVICE

1. Costs are subject to change without notice. There is no refund or “carry-over” of meals not eaten in the dining room. The dining room will be closed during Thanksgiving, Christmas, Semester Break, and Spring Vacation.

2. Meal option changes can be made through the first week of the semester only.

RESIDENCE HALL ACCEPTANCE

ACCEPTANCE AND PROCESSING OF THIS CONTRACT BY THE DIRECTOR OF STUDIO RESIDENTIAL LIFE DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE UNIVERSITY AND APPLICATION FOR ADMISSION IS NOT AN APPLICATION FOR HOUSING. Such approval is granted only by the Director of Admissions.

The University reserves the right to refuse any application for accommodations in University residence halls upon return of the application fee and security deposit.

EQUAL AVAILABILITY

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

STUDENT AFFAIRS

OFF-CAMPUS STUDENT HOUSING

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

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

MARRIED STUDENT AND FAMILY HOUSING

There are approximately 180 units available for full-time (8 or more credit hours) married students, all within walking distance of the campus. Rates for the University Courts apartments are $92.00 for small one-bedroom, $122.00 for large one-bedroom, $140.00 for two-bedroom, and $160.00 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 $140.00 per month and two-bedroom apartments for $165.00 per month. These apartments are fully carpeted and draped but are otherwise unfurnished, except for electric stoves and refrigerators. All utilities are furnished, including laundry facilities.

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

APPLICATION PROCEDURE FOR MARRIED STUDENT AND FAMILY HOUSING

Application for Married Student and Family Housing will be processed as soon as the following procedures have been completed:

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

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

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

It is the responsibility of the student to notify the Office of Student Residential Life each semester if they still desire Married Student and Family Housing. If the Office of Student Residential Life does not hear from the student each semester, the student’s name will be removed from the waiting list.
SCHOOL OF ARTS & SCIENCE

Dean: William J. Keppler, Ph.D.

PHILOSOPHY

The School believes that the purpose of men's lives is to know, to search, and to achieve, and that knowledge is necessary for the good life of free men. The School, therefore, provides an opportunity for each student to share in the accumulated experience of men of all times and places, hoping not only to lead each student to basic knowledge of the matter traditional to the School's major divisions of study, but also to stimulate students to exercise their own powers.

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, Construction Management (with the School of Business), Earth Science, Geology, Mathematics, Physics. Degrees available in the above areas, including the Secondary Education Options offered by all departments, include the Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts (in Art, Art Education, and Advertising Design), Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition), and Master of Arts in Secondary Education with majors in various departments. (See School of Education).

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

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

ACTIVITIES

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

37
SCHOOL OF ARTS AND SCIENCES

and creative abilities, publishes each year a Prize-winning magazine designed to display the best efforts of both the faculty and student body of Boise State University.

WESTERN WRITERS SERIES

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

PERFORMANCES, EXHIBITIONS, WORKSHOPS

Membership in the various groups and organizations engaged in extracurricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements. Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and inter-collegiate offerings of the Department of Communication including Debate, Reader's Theatre; and productions of plays from both the classical and modern repertoires in the University's unique Subel theatre and Special Events Center; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in "American Historical Tours" presented by the college each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART

Chairman and Professor: Dr. Louis A. Peck; Professor: Takehara; Associate Professors: Heap, Huff, Kilmaster, Kober, Oravez, Roberts, Russell, Skov, Wright; Assistant Professors: Benson, Blankenship, Culley, Douglass, Ochi, Proctor, Taye, Watia; Instructors: Copeland, Taylor.

ART MAJOR

Lower Division—All Degrees

(Suggested Program)

I. General Art

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Design</td>
<td>2</td>
</tr>
<tr>
<td>Elementary Drawing</td>
<td>2</td>
</tr>
<tr>
<td>Art History</td>
<td>3</td>
</tr>
<tr>
<td>Lettering</td>
<td>2</td>
</tr>
<tr>
<td>*Lettering and Layout</td>
<td>0</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>History (Area II)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>**</td>
<td>15-17</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>General Psychology (Area I)</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Music or Drama (Area I)</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (Area II)</td>
<td>4</td>
</tr>
<tr>
<td>Lab Science or Mathematics (Area III)</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td>**</td>
<td>16</td>
</tr>
</tbody>
</table>

II. Art Education

Freshman year (see General Art Freshman Year)

1. General Art—Bachelor of Arts Program

2. a) Art Major Requirements

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

   2. Art Major Requirements

      Painting and/or Watercolor....................................................6

      Drawing.................................................................6

      Art History ..................................................................4

      Design ........................................................................2

      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

II. Art Education—Bachelor of Arts Program

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

2. Art Major Requirements

   Painting.................................................................6

   Watercolor ..........................................................4

   Drawing.................................................................6

   Design ........................................................................4

   Art History ............................................................6

   Ceramics .......................................................................2

   Sculpture .......................................................................2

   Printmaking ....................................................................2

   Crafts ........................................................................2

   Senior Seminar ..................................................................3

   3. Education Requirements for Qualification Toward State Certification

      Audio-Visual Aids (optional).....................................................2

      Foundations of Education .......................................................3

      Secondary School Methods ....................................................4

      Educational Psychology .........................................................3

      Art Methods in Secondary Schools .........................................3

      Elementary School Art Methods ............................................3

      Secondary Student Teaching ................................................6

   4. Electives ........................................................................41

      4a) Education Electives .......................................................41

      4b) Electives .......................................................................41

III. Advertising Design

Freshman year (see General Art Freshman Year)

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

2. a) Art Major Requirements

   Painting and/or Watercolor....................................................6

   Drawing.................................................................6

   Art History ..................................................................4

   Design ........................................................................2

   Ceramics .......................................................................2

   Sculpture .......................................................................2

   Printmaking ....................................................................2

   Crafts ........................................................................2

   Senior Seminar ..................................................................3

   3. Electives ........................................................................41

   3a) Electives .......................................................................41

   3b) Secondary Student Teaching ............................................6

   3c) Electives .......................................................................41

   3d) Senior Seminar ..................................................................3

   3e) Art History ....................................................................4

   3f) Printing .......................................................................2

   3g) Ceramics .......................................................................2

   3h) Design .........................................................................4

   3i) Sculpture .......................................................................2

   3j) Printmaking ....................................................................2

   3k) Crafts ........................................................................2

   3l) Senior Seminar ..................................................................3

   3m) Total Units .....................................................................60

   3n) Electives .......................................................................41

   3o) Total Units .....................................................................101

   3p) Total Units .....................................................................101
SCHOOL OF ARTS AND SCIENCES

MASTER OF ARTS IN SECONDARY EDUCATION*

Art Emphasis

ADMISSIONS AND PROGRAM

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

B. The following will be submitted to the Art Department Admissions Committee:
1. The names and addresses of three art educators or professional persons who are acquainted with the student's academic qualifications to pursue graduate study.
2. A minimum of twenty (20) slides or a portfolio of recent art work.
3. A statement of the student's professional objectives and philosophy of art education and how these will be furthered by graduate study.

C. Program areas of study are as follows:

1. Required Courses
   - AR-501 Art Appreciation in the Educational Program 3 credits
   - AR-551 Special Methods: Curriculum Development in Art Education 3 credits
   - AR-591 Project 6 credits
   - AR-593 Thesis (or additional hours) 6 credits
   - TE-560 Secondary Education Core courses 3 credits

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

Example: Option I—Painting and Drawing

Option II—Crafts and Sculpture

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

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

PRE-ARCHITECTURAL PROGRAM

Boise State University offers courses that can be used for a 2 to 2½ year Pre-Architectural Program. This program is preparatory and should be transferable to most Architectural Schools. Some universities offer a degree in Architectural Engineering. If interested in this type of degree the student should follow the Civil option under the Engineering Curriculum.

Art Courses
- AR 103 Introduction to Art 3 credits
- AR 105-106 Basic Design 4 credits
- AR 111-112 Drawing 4 credits

* A minimum of 40 credit hours of a total 128 must be Upper Division.
** A total of 6 credits, 2 of each in drawing, painting, and design, may be applied to the 20 hour major requirement in the areas of watercolor, ceramics, sculpture, printmaking, crafts, and photography.
SCHOOL OF ARTS AND SCIENCES

Engineering Courses

AR 297 Spec. Topics: History of American Architecture I & II 6 credits

AR 297 Spec. Topics: Design & The Creative Process 2 credits

AR 131 Interior Decorating 2 credits

AR 297 Spec. Topics: Architectural Graphic Communication 2 credits

AR 297 Spec. Topics: Basic Architectural Design 2 credits

AR 297 Spec. Topics: Materials and Methods 3 credits

AR 217 Watercolor 2 credits

Math Courses

M-111 Algebra & Trigonometry

M-112 Calculus and Analytical Geometry

Physics Courses

PH101-102 General Physics

Physical Education Requirements may be necessary.

Lower Division

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

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

102 Survey of Western Art II (3 credits). A historical survey of painting, sculpture and architecture from the Renaissance to the present. Spring semester.

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

105 Basic Design (2 credits). A two or three dimensional theoretical and applied study of the basic design elements underlying all art areas. Four studio hours per week. Either semester.

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

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

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

111 Drawing (2 credits). A study of the elements of design in nature for the student planning to major in art. Special emphasis on the effects of light and shadow. Four studio hours per week. Either semester.

112 Drawing (2 credits). A continuation of AR 111 with an emphasis on more advanced drawing problems. Compositional, imaginative, or semi-abstract work may be done. Utilizing a variety of subject matter including some figure drawing. Four studio hours per week. Advisable to take AR 110 prior to AR 111. Either semester.

113 Painting (2 credits). An introduction to the techniques of opaque and transparent water base media. Four studio hours per week. Either semester.

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

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

First summer session.

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

123 Crafts (2 credits). This course is open to non-art majors. Lectures will be in the nature of crafts, the design principles, craftsmanship and creativity. Several areas of crafts applicable to the public school classroom will be introduced. Simple crafts, leather working, mosaic, ceramic tile construction, bask, tie and dye, creative stitchery, enameling, macrame, ceramic work, sheet plastic and others may be assigned. The proper use of hand tools and their safety will be stressed. Four studio hours per week. Either semester.

131 Interior Decorating (2 credits). An introduction to interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture. Two hours lecture, one-half hour demonstration per week. Either semester.

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

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

209 Introduction to Printmaking (2 credits). A course designed to acquaint the student with techniques of producing creative works in woodcut, lithography, and etching. Advisable to have some experience in drawing and design. Four studio hours per week. Either semester.

211 Anatomy (2 credits). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Four studio hours per week. Model fee. Prerequisite: AR 111 and AR 112. Either semester.

212 Life Drawing (2 credits). Further study from the model with increased emphasis on anatomy, expressive drawing, and composition. Four studio hours per week. Model fee. Prerequisite: AR 211. Either semester.

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

216 Painting-Watercolor (2 credits). Major emphasis in the use of transparent watercolor. Work can be outdoors from nature as well as studio work. Four studio hours per week. Fall semester.

217 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.

218 Painting-Watercolor (2 credits). Painting from models with an emphasis on a representational approach; study of form, color, and composition as they relate to the human figure. Four studio hours per week. Advisable to take AR 114 and AR 115 prior to AR 218. May be repeated once for credit. Either semester.

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

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

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

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

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

232 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 231 prior to AR 232. Spring semester.

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

Upper Division

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

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

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

305 Studio in Visual Design (3 credits). Advanced exploration of two-dimensional or three-dimensional design, continuing with problems in line, form, color, texture and space. Six studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 305. May be repeated for credit. Either semester.

307 Studio inMetalworking (3 credits). Advanced study - in materials of jewelry making and metal working with special emphasis on forging, stone setting, cutting, and mechanical techniques as further personal development of craftsmanship. Prerequisite, AR 221, 222. Recitation and lab. Four studio hours per week. Each semester.

311 Advanced Drawing (3 credits). Structural, interpretive, or compositional study from the model or other subject matter. Six studio hours per week. Prerequisite, AR 211. May be repeated once for credit. Either semester.

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

317 Painting-Watercolor (2 credits). Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 217 and AR 218 prior to AR 317. Fall semester.

318 Painting-Watercolor (2 credits). Continued work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 317 prior to AR 318. Spring semester.

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

320 Architecture (3 credits). The design and construction of structures. Four studio hours per week. Advisable to take AR 215 prior to AR 320. Spring semester.

321 Three Dimensional Studio (3 credits). Creative work in any three dimensional media. Four studio hours per week. Advisable to take AR 321 prior to AR 322. Spring semester.
321 Elementary School Art Methods (3 credits). For students expecting to teach in the elementary schools. This course is especially designed to help prepare students to construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials contribute to free and spontaneous expression are stressed. Two lecture and two studio hours per week. Either semester.

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

331 Studio in Sculpture (3 credits). Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Six studio hours per week. Advisable to take AR 231 and AR 232 prior to AR 331. May be repeated once for credit. Either semester.

341 Studio in Creative Photography (3 credits). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Two hour lecture, and four studio hours per week. Six studio hours per week. Advisable to take AR 231 prior to AR 341. May be repeated for credit. Either semester.

AR 344 Studio in Creative Photography, Color Printing (3 credits). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing in color. Two hours lecture and four studio hours per week. Six studio hours per week. Advisable to take AR 341 prior to AR 344. May be repeated for credit. Either semester.

345 Studio in Creative Photography, Color Slides (3 credits). Advanced study emphasizing techniques of color slides. Color theory and composition will be covered in the course as well as the processing of slides and various methods of projections. Various approaches to lighting and laboratory work will be taught. Two lecture hours and four studio hours per week. Adviceable camera required. May be repeated for credit. Prerequisite: AR 251 or permission of instructor. Either semester.

AR 351 Secondary School Art Methods (3 credits). Art Education on the junior high school and senior high school levels. Includes current literature in art education, budgeting, curriculum planning. Two hours lecture and two hours lab per week. Either semester.

361 Studio in Advertising Illustration (3 credits). Advanced study emphasizing techniques and methodology of illustrating finished art for ads. Fundamental approaches to story, product, fashion and decorative illustration with emphasis on building a portfolio. Six studio hours per week. Advisable to take AR 203 and AR 204 prior to AR 361. Either semester. May be repeated for credit.

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

409 Studio in Printmaking (3 credits). Concentrated work in any one of the following areas: woodcut, lithography, intaglio, and serigraphy. Six studio hours per week. Advisable to take AR 203 and AR 204 prior to AR 361. Either semester. May be repeated for credit.

411 Drawing Studio (3 credits). Individual problems in drawing. Six studio hours per week. Model fees. Prerequisite: AR 211. May be repeated for credit. Either semester.

415 Studio in Painting (3 credits). Preparation for graduate study in opaque or transparent media. Six studio hours per week. Advisable to take AR 316 prior to AR 415. May be repeated for credit. Either semester.

417 Studio in Painting-Watercolor (3 credits). Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 417. May be repeated for credit. Either semester.

419 Studio in Metals (3 credits). Continued study in materials and methods (advanced) of jewelry-making and metalsmithing as they apply to the creative artist and teacher. Prerequisite: AR 221, 222, 226. May be repeated for credit. Either semester.

425 Studio in Ceramics (3 credits). Continued study in the materials of ceramics, with emphasis on the exploration of clay, glazes, and firing, as it applies to the creative artist or teacher. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 425. Individual instruction will be given. May be repeated for credit. Either semester.

431 Studio in Sculpture (3 credits). Continued study in the materials and methods of the sculptor with emphasis on welded steel and metal casting. Six studio hours per week. Advisable to take two semesters of AR 331 prior to AR 431. May be repeated for credit.

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

GRADUATE

501 Art Appreciation in the Educational Program (3 credits). A historical and contemporary survey of modern art movements since 1900. Emphasis will be placed on understanding the motivations behind the current trends and interpretations of the ideas and symbols. Also emphasized will be the communication of this understanding to the various age groups represented on the secondary school level. Prerequisite: Graduate status or permission of instructor.

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

522 Teaching Through Experimental Art Media (3 credits), every other year (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.

551 Special Methods: Curriculum Development in Art Education (3 credits). Designed for the secondary school art teacher, this course will be geared to creative curriculum planning. It will be held in a workshop/seminar format to facilitate student interaction and the opportunity to experiment and develop new ideas. Prerequisite: Graduate status and consent of the instructor.

580-599 Series Selected Topics (3 credits each topic). An opportunity for the student to work independently with a particular teacher in a specific area of study or media. A total of nine credits allowable which can be divided into several areas or concentrated, distribution determined by the graduate student and committee.

580 Selected Topics-Drawing

581 Selected Topics-Painting

582 Selected Topics-Crafts

583 Selected Topics-Sculpture

584 Selected Topics-Photography

585 Selected Topics-Ceramics

586 Selected Topics-Printmaking

587 Selected Topics-Designing

588 Selected Topics-Illustration

589 Selected Topics-Art History

591 Project (6 credits). See below.

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

A. A scholarly paper embodying results of original research which are used to substantiate a specific view.
B. Three written reports directed toward the student's particular area of study.
C. A curricular proposal in written form which could be considered for implementation in the schools.
D. A one-person art show with a full faculty review.
E. A submitted portfolio of work with a full faculty review.

Prerequisite: Graduate status.

599 Seminar in Art (3 credits), previously approved for Elementary Master's Degree. Upon selection of an approved topic, the student will research it thoroughly, present an annotated bibliography, and present an oral report of the topic, utilizing visual material in his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing.
# Department of Biology

**Chairman and Associate Professor:** Dr. Russell J. Centanni; **Professors:** Baker, Fritchman, Fuller, Jones; **Associate Professors:** Kelley, Paperfuss, Wylie, Assistant Professors: Long, McCloskey, Rychert, Wicklow, Howard.

## Requirements for Biology Major

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Bachelor of Science Option</td>
</tr>
<tr>
<td>1. General University and Baccalaureate Degree</td>
</tr>
<tr>
<td>Requirements see pages 23-26</td>
</tr>
<tr>
<td>30</td>
</tr>
<tr>
<td>2. Major Requirements</td>
</tr>
<tr>
<td>A. Biology</td>
</tr>
<tr>
<td>1. Biology Core</td>
</tr>
<tr>
<td>General Botany</td>
</tr>
<tr>
<td>General Zoology</td>
</tr>
<tr>
<td>Cell Biology Seminar</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>2. Physiology — one course</td>
</tr>
<tr>
<td>Plant Physiology</td>
</tr>
<tr>
<td>Human Physiology</td>
</tr>
<tr>
<td>General &amp; Comparative Physiology</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>3. Morphology — one course</td>
</tr>
<tr>
<td>Plant Anatomy</td>
</tr>
<tr>
<td>Plant Morphology</td>
</tr>
<tr>
<td>Comparative Anatomy</td>
</tr>
<tr>
<td>Vertebrate Embryology</td>
</tr>
<tr>
<td>Vertebrate Histology</td>
</tr>
<tr>
<td>3-4</td>
</tr>
<tr>
<td>4. Natural History — one course</td>
</tr>
<tr>
<td>Parasitology</td>
</tr>
<tr>
<td>Entomology</td>
</tr>
<tr>
<td>Invertebrate Zoology</td>
</tr>
<tr>
<td>Natural History of Vertebrates</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5. Biology — Microorganisms — one course</td>
</tr>
<tr>
<td>Microbiology</td>
</tr>
<tr>
<td>Bacteriology</td>
</tr>
<tr>
<td>Genetics</td>
</tr>
<tr>
<td>Organic Evolution</td>
</tr>
<tr>
<td>BioEcology</td>
</tr>
<tr>
<td>3-5</td>
</tr>
<tr>
<td>6. Biology Electives to total 45 credits</td>
</tr>
<tr>
<td>16-19</td>
</tr>
<tr>
<td>1. College Chemistry (C-131, 132, 133, 134)</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>2. Elementary Organic Chemistry</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>3. Mathematics</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>1. Mathematics 115-116</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>3. Recommended Electives</td>
</tr>
<tr>
<td>28</td>
</tr>
<tr>
<td>1. Introduction to Biophysics</td>
</tr>
<tr>
<td>2. Earth Science</td>
</tr>
<tr>
<td>3. Chemistry</td>
</tr>
<tr>
<td>4. Area I &amp; II Electives</td>
</tr>
</tbody>
</table>

## Related Programs

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

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

## Biology Major Bachelor of Science

(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Biology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Elementary Organic Chemistry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Biology Elective</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Area II Electives</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area I/II Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Biology Electives</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Other Electives</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Seminar</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Biology Electives</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Other Electives</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>

## Biology Major Secondary Education Option Bachelor of Science

(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elementary Organic Chemistry</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Area II Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology Electives</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>15-17</td>
<td>16</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area I/II Electives</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Biology Electives</td>
<td>7-8</td>
<td>10</td>
</tr>
<tr>
<td>Other Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>16-17</td>
<td>14</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>Biology Seminar</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Biology Electives</td>
<td></td>
<td>3-4</td>
</tr>
<tr>
<td>Other Electives</td>
<td>11-12</td>
<td></td>
</tr>
<tr>
<td>Education Courses</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>16-17</td>
<td>14</td>
</tr>
</tbody>
</table>

FOREST AND WILDLIFE MANAGEMENT

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Physics</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>General Forestry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Systematic Botany</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plane Surveying</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Digital Computer Programming</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
<td>14</td>
</tr>
</tbody>
</table>

SCHOOL OF ARTS AND SCIENCES

COURSES

B 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-101, BT-130 or Z-130 may not receive credit for B-100. Three lectures and one 2-hour laboratory period per week. Each semester.

200 Man and the Environment (3 credits). A course designed to reveal the impact of man on the environment with emphasis on the biological, economical, and social factors involved with the aim of preparing the students to be sensitive to the significant issues and factors involved in environmental decision making. Three lecture-discussion periods per week. Each semester.

205 Microbiology (4 credits). A survey of microbiology with emphasis on microbial diversity, structure, and metabolism; principles of microbial control, host-parasite relationships, and immunology, and a survey of medically important microorganisms. The course is designed for associate degree students within the School of Health Sciences. Three lectures and two 2-hour laboratory periods per week.

225 Cell Biology (3 credits). A study of prokaryotic and eukaryotic cells, their specializations, and the structure, function, and variations in their cellular organelles. The mechanism of mitosis, meiosis, chromosomal abnormality, and cytoplasmic interactions will be considered. Three lectures per week. Prerequisites: 1 year of college biology and concurrent or prior enrollment in organic chemistry. 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 per week. Prerequisite: Prior or concurrent enrollment in B-225 and Elementary Organic Chemistry.

310 Pathogenic Bacteriology (4 credits). A course emphasizing host-parasite relationships, immunology, and those characteristics of medically important bacteria, rickettsia, 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. Prerequisites: BT-130 and Z-130 or equivalent. Spring semester.

344 Genetics Laboratory (1 credit). A practical course in the techniques of growing and analyzing genetic 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 reported in Genetics Lecture. Spring semester.

301 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 biology or equivalent. Genetics recommended. Alternates with Parasitology. Spring semester, odd numbered years.

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. Prerequisites: Microbiology or General Bacteriology. Fall semester.

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

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

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

424 Bioecology Laboratory (1 credit). Field investigations into the broad areas of aquatic and terrestrial eco-systems. Study of population and community dynamics, structures, fluctuations, and other animal and plant materials. Results of experimental work will be analyzed and reported in Bioecology. Autumn 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

130 General Botany (4 credits). An introduction to plant biology which includes the study of cells, genetics, whose plant physiology and functions, ecology and classification, and economic importance. Recent problems relating to world food production and others of botanical interest will be discussed. Three hours of lecture and one three-hour laboratory per week. Each semester.

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 three-hour laboratory periods per week. Prerequisites: BT-130 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, systems and organs from a developmental standpoint. This study will be limited to the higher plants with emphasis on the Angiospermae. Two lectures and two 2-hour lab. Prerequisites: BT-130 and B-225 or consent of instructor. Spring semester.

311 Plant Morphology (4 credits). The student will become familiar with the development, phylogeny, anatomy, reproduction, and the systematic classification of the various plant groups. Taxa Phytology and paleobotany will be introduced. Three one-hour lectures, two 2-hour labs per week. Prerequisites: B-225, Organic Chemistry recommended. Fall semester.

321 Systematic Algae (4 credits). A study of the several divisions of freshwater algae, with emphasis on collection, identification and pollution problems related to algal growths. The study would also include discussion of life cycles emphasizing how 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. Frequent field trips will be taken during these laboratory periods. Prerequisites: BT-130 and Z-130. Fall semester. Plant Morphology, recommended. Alternates with Z-237 or Z-238.

401 Plant Physiology (4 credits). Plant physiology will emphasize the physical and chemical processes of plant body functions. It includes a study of the physical and chemical properties of the plant, its metabolism, water uptake, photosynthesis,
SCHOOL OF ARTS AND SCIENCES

compounds synthesized by plants and a brief discussion of soil chemistry. Three lectures, one three-hour lab per week. Prerequisite: B-225 and Elementary Organic Chemistry. General Physics or Biophysics and Plant Anatomy are recommended. Fall 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. One 2-hour lecture per week. Spring semester.

Z ZOOLOGY

Lower Division

107 Concepts of Human Anatomy and Physiology (4 credits). A one-semester terminal course in human anatomy and physiology. Three lectures and one two-hour laboratory per week. Each semester.

111-12 Human Anatomy and Physiology (4 credits). A two-semester sequence for those students whose career objectives require a thorough study of human anatomy and physiology. Three lectures and one three-hour laboratory per week. Prerequisite: prior or concurrent enrollment in Essentials of Chemistry recommended. Z-107 can not be substituted for either semester of this sequence, nor can one semester of this sequence be substituted for Z-107. Sequence beginning fall semester.

130 General Zoology (4 credits). The fundamentals of animal structure, physiology, development, heredity, evolution, adaptations, and life histories. Three hours of lecture and one three-hour laboratory per week. Each semester.

Upper Division

301 Comparative Anatomy (4 credits). Dissection and study of representative types of vertebrates, together with lectures and discussions of general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two three-hour laboratory periods a week. Prerequisite: B-213 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 three-hour laboratory periods a week. Prerequisite: B-225 or consent of instructor. Students are required to meet with the instructor sometime during the academic year which precedes their enrollment in this course. 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: B-130 or consent of instructor. Alternates with BT-322 or Z-361. 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 three-hour laboratory per week. Prerequisite: Natural History of the Vertebrates or consent of the instructor. Alternates with Ornithology 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 each week. Prerequisite: A year of college 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 histochimical techniques. One lecture and two three-hour laboratory periods. Prerequisite: One year of college biology or consent of instructor. Alternates with BT-322 or Z-361. 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 three-hour laboratories. Prerequisite: B-225 and either Comparative Anatomy or Vertebrate Embryology are recommended. Fall semester.

401 Human Physiology (4 credits). Lecture and laboratory exercises in physiology with emphasis on human regulatory and homeostatic mechanisms, particularly those of cardiovascular, pulmonary, and endocrine function in health and disease. Prerequisites: Organic Chemistry and B-225. Three lectures and one three-hour laboratory per week. Spring semester.

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

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

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

DEPARTMENT OF CHEMISTRY

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

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:

1. General University and Baccalaureate Degree Requirements. See pages 23-25.

2. Major requirements:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Chemistry</td>
<td></td>
</tr>
<tr>
<td>College Chemistry</td>
<td>9</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Physical Chemistry</td>
<td>8</td>
</tr>
<tr>
<td>Analytical Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Advanced Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Independent Study</td>
<td>2</td>
</tr>
<tr>
<td>B. Mathematics</td>
<td></td>
</tr>
<tr>
<td>Calculus M-206</td>
<td>10-18</td>
</tr>
<tr>
<td>C. Physics</td>
<td>11</td>
</tr>
<tr>
<td>3. Recommended Electives</td>
<td></td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
</tr>
<tr>
<td>Upper Division Mathematics</td>
<td></td>
</tr>
<tr>
<td>Upper Division Physics</td>
<td></td>
</tr>
<tr>
<td>Life Science Courses</td>
<td></td>
</tr>
</tbody>
</table>

(Suggested Program)

1ST SEM. | 2ND SEM.
---------|---------

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Physics I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>15-16</td>
</tr>
</tbody>
</table>

1ST SEM. | 2ND SEM.
---------|---------

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantitative Analysis</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>Physics II and III</td>
<td></td>
</tr>
<tr>
<td>Physics Lab I and II</td>
<td></td>
</tr>
<tr>
<td>Degree Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>

1ST SEM. | 2ND SEM.
---------|---------

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements or Electives</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

1ST SEM. | 2ND SEM.
---------|---------

SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Independent Study</td>
<td>1</td>
</tr>
<tr>
<td>Degree Requirements or Electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

1ST SEM. | 2ND SEM.
---------|---------

44
II. Secondary Education Option:

1. General College and Baccalaureate Degree Requirements.
   See pages 23-25.
2. Major Requirements:

   A. Chemistry ........................................... 9
      College Chemistry .................................. 10
      Organic Chemistry ................................... 8
      Analytical Chemistry ................................. 5
      Advanced Inorganic Chemistry ....................... 4
      Chemistry Seminar ................................... 2
   B. Mathematics ........................................ 10-18
      Completion of Mathematics through Calculus M-206.

   C. Physics ............................................. 11

3. Education Requirements
   Foundations of Education
   Educational Psychology
   Secondary School Methods
   Secondary Student Teaching
   Education Electives

(Suggested Program)

| FRESHMAN YEAR: | 1ST SEM. | 2ND SEM. |
|               |         |         |
| English Composition | 3 | 3 |
| College Chemistry | 4 | 5 |
| Mathematics | 5 | 4-5 |
| Degree Requirements | 3 | - |
| Physics I | - | 3 |
| Physics II and III | 3 | 3 |
| General Psychology | 3 | - |
| Degree Requirements | 6 | - |
| Foundations of Education | - | 3 |
|                      | 16 | 17 |
| SOPHOMORE YEAR: | 1ST SEM. | 2ND SEM. |
| Quantitative Analysis | 5 | - |
| Mathematics | 4 | 4 |
| Physics II and III | 3 | 3 |
| Physics Lab I and II | 1 | 1 |
| General Psychology | 3 | - |
| Degree Requirements | 6 | - |
| Foundations of Education | - | 3 |
|                      | 15 | 15-16 |
| JUNIOR YEAR: | 1ST SEM. | 2ND SEM. |
| Physical Chemistry | 4 | 4 |
| Organic Chemistry | 5 | 5 |
| Educational Psychology | 3 | - |
| Degree Requirements or Electives | 3 | 6 |
|                      | 15 | 15 |
| SENIOR YEAR: | 1ST SEM. | 2ND SEM. |
| Advanced Inorganic Chemistry | 2 | 2 |
| Chemistry Seminar | 1 | 1 |
| Secondary School Methods | - | 3 |
| Secondary Student Teaching | - | 6 |
| Degree Requirements or Electives | 15 | - |
| Audio Visual Aids | - | 4 |
|                      | 18 | 14 |

MASTER OF SCIENCE IN EDUCATION*
CHEMISTRY EMPHASIS

Admissions and Program

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

SCHOOL OF ARTS AND SCIENCES

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

Course Offerings

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

B. Elective courses

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

Additional Information

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

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

COURSES

CHEMISTRY
SCHOOL OF ARTS AND SCIENCES

301 Organic Chemistry Laboratory (2 credits). This course covers spectroscopic methods, nuclear reactions, radioactive decay laws, interaction of radiation with matter, detection of radioactivity and oscillatory properties. Required concepts of atomic structure and quantum theory will be correlated with lecture material. Prerequisite: Chemistry C-207, 208 will not be allowed if credit is given in C-317, 318.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 111— Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 201— Methods of inquiry</td>
<td>3</td>
</tr>
<tr>
<td>CM 221— Communication Process</td>
<td>3</td>
</tr>
<tr>
<td>CM 421— Theories of Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 498— Communication Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Courses for Area of Emphasis</td>
<td>26-29</td>
</tr>
<tr>
<td></td>
<td>40-43</td>
</tr>
</tbody>
</table>

COMMUNICATION MAJOR
Bachelor of Arts Program

INTERPERSONAL COMMUNICATION EMPHASIS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 341— Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 351— Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 361— Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

Total 40-43

COMMUNICATION MAJOR
Bachelor of Arts Program

INTERPERSONAL COMMUNICATION EMPHASIS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 341— Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 351— Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 361— Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

Total 40-43

MASS COMMUNICATION EMPHASIS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 171— Mass Communication Concepts and Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>CM 271— Journalistic Communication Theory and Practice</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

Department Electives 14

Total 40

SECONDARY EDUCATION EMPHASIS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM 241— Oral interpretation</td>
<td>3</td>
</tr>
<tr>
<td>CM 401— Methods of Teaching Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM 112— Reasoned Discourse</td>
<td>3</td>
</tr>
<tr>
<td>CM 113— Competitive Speech</td>
<td>3</td>
</tr>
<tr>
<td>CM 121— Voice and Diction</td>
<td>3</td>
</tr>
<tr>
<td>CM 131— Listening</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

Total 40

DEPARTMENT OF COMMUNICATION

Chairman and Professor: Dr. Robert R. Boren; Associate Professor: Boylan, Cox, Gephart, Pitman, Assistant Professors: Barry, DeMoux, Parker, Rayborn; Instructors: Crane.

REQUIREMENTS FOR COMMUNICATION MAJOR

1. Completion of general university requirements for Bachelor of Arts degree as listed on pages 23-25.
COMBINED MAJOR:
COMMUNICATION—ENGLISH

A. With Journalism emphasis: Department requirements

COMMUNICATION
- Fundamentals of Speech Communication, CM 111 ........................................... 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

ENGLISH
- Literature Survey† .................................................................................................. 3
- Composition above the basic sequence‡ .................................................................. 6

Local Division

102 Professional Speech Communication (3 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.
111 Fundamentals of Speech—Communication (3 credits). Fundamental principles of effectively preparing, presenting and critically consuming messages in one-to-one, small group, and public speaking contexts. Students may not earn credit in both CM-102 and CM-111.
112 Reasoned Discourse (3 credits). Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositional issues, arguments, evidence, fallacies of arguments and various systems of reasoning. Preparation for and participation in activities designed to apply the principles of logical reasoning in the public forum.
114 Intercollegiate Debate (1 credit). Preparation for and participation in competitive debate using the current intercollegiate debate topics. Prerequisite: permission of the instructor. 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.

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.


273-274 Reporting and News Writing (3 credits). Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis will be placed on accuracy, conciseness and clarity in writing. Includes study of elements of newspaper style—usage, grammar, punctuation, capitalization—and the use of copyreading symbols. Prerequisite—Ability to use typewriter. Each semester.

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

276 Television: History and Aesthetics (3 credits). An examination of television as an entertainment medium from historical and critical perspectives of point 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.

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

Upper Division

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

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

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

314 Intercolllegiates Debate (1 credit). Preparation for and participation in competitive debate involving current intercollegiate debate topics. Prerequisite: permission of the instructor. 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.


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

341 Nonverbal Communication (2 credits). An examination of the function of non-verbal language codes in communication. Students look at: 1. how individuals and groups acquire and apply rules about what, how, to whom, and when to communicate with nonverbal sign systems. 2. when and how the interpretation and analysis of nonverbal signs may affect decision-making or conclusion-drawing in communication. Emphasis on projects demonstrating non-verbal communication.

351 Intercultural Communication (3 credits). An analysis of societal and cultural influences on interpersonal communication. A critical examination of communication within and among subcultures as well as across cultural barriers.

361 Organizational Communication (3 credits). The application of communication theories and methodology to the study of communication within the formal organization. Theories and problems of human communication within and between organizations.

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

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

376 Yearbook Techniques (1 credit) Techniques of layout planning, picture sizing, and writing copy for yearbooks. Recommended for members of the Los Boíls staff and for students preparing to be publications advisors. Not intended for production of yearbook.

377 History of Mass Communication (3 credits). traces the development of the concepts, techniques, and practices of mass communication. Primary focus on the emergence of the mass media as a disseminator of news, opinion, entertainment and advertising. Prerequisite: Upper CM standing.


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

411 Rhetorical Theory (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.
in certification. (See Part VI for required Professional Education courses).

**Suggested Teaching Minor in English**

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

- Advanced Composition 3
- Linguistics 3
- E-301 or E-381 3
- Survey of American Literature 4
- Lower Division Literature 8
- Upper Division Literature 6

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

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

**Graduate Program**

Master of Secondary Education

**English Emphasis**

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

types of English structure. Prerequisites: Admission to college, recommendation of Foreign Student Committee, and permission of instructor. The sequence E 123-124 satisfies the E 101-112 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 are expected to practice extended, organized writing as well as to heighten their ability to write about the work of other students. Extensive writing practice stressing organization, clarity and effectiveness. Prerequisite E 102 or consent of Department Chairman. Each semester alternate years. To be offered 1977-78.

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

205 Creative Writing: Poetry (3 credits). Instructor's consent based on evaluation of student's original work. Fall semester.

206 Creative Writing: Fiction (3 credits). Short story or playwriting. Prerequisites: 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.

215 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 or consent of the instructor.

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 American Indian oral literature, both American and Canadian. Prerequisite: E 102. Spring semester.

220 Western World Literature (3 credits). This course is an introduction to the cultural and literary history of Western civilization through some of the best plays, stories and novels written in English from Beowulf to the present day. Includes an emphasis on the development of the novel, stressing its form and role in the history of the Western world. Prerequisite: E 102. Spring semester.

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

260 Survey of British Literature: 1700 to Present (3 credits). A study of the major works, authors, and developments in English literature of the post 18th century. The course continues the coverage of E 240 to the present. Prerequisite: E 102. Spring semester.

270 Survey of American Literature (3 credits). The course traces the artistic, philosophic, social, and political influences on American writers in the emergence of an independent American literature. Reading is selected from American authors representative of their time and region. Prerequisite: E 102. Each semester.

Upper Division

301 Teaching English Composition (3 credits). Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, creativity, and integration of composition with other course content. Prerequisite: E 205. Prerequisite: Upper Division Literature or consent of Department Chairman. Either semester. To be offered 1978-79.

305 Advanced Poetry Composition (3 credits). Prerequisites: instructor's consent based on evaluation of student's original work. Spring semester.

306 Advanced Fiction Composition (3 credits). Short story or playwriting. Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.

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 keep within a chronological approach stressing the relationships of the literature to the economic, social, political, and intellectual changes of the time. Includes works by Heinrich Heine, Charles Baudelaire, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoy. Prerequisite: Junior standing and E 102 or consent of Department Chairman. Fall semester, alternate years. To be offered 1978-79.

338 Twentieth-Century Continental Literature (3 credits). The readings (in translation) used for Twentieth Century Continental Literature especially emphasize twentieth century philosophic, existential, religious, and political themes. Included are works by Mann, Musuracchiola, Kafka, Hesse, Grass and Sartre/Hamlet which examine existentialist, religious, and political and social ideas in relation to contemporary human issues. Prerequisite: Junior standing and E 102 or consent of Department Chairman. Spring semester, alternate years. To be offered 1978-79.

340 Chaucer (3 credits). A study of representative works of Geoffrey Chaucer with emphasis on The Canterbury Tales and Troilus and Criseyde. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Fall semester, alternate years. To be offered 1978-79.

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, Chrestien de Troyes' Arthurian Romances, The Song of Roland, The Niebelungenlied, The Idyll. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester. To be offered 1977-78.

345 Shakespeare: Tragedies and Histories (3 credits). A study of representative Shakespearean Tragedies and Histories. Prerequisites: Three credits lower-division Shakespearean Literature, or consent of Department Chairman. Fall semester.

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

347 Spenser (3 credits). Prerequisite: Three units lower division literature or consent of Department Chairman. A study of The Faerie Queene and minor works. Either semester, alternate years. To be offered 1977-78.

348 British Renaissance Non-Dramatic Literature (3 credits). A study of British poetry and drama of the sixteenth century, including works by Marlowe, Shakespeare, and Bacon. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester, alternate years to be offered 1978-79.

350 Elizabethan and Jacobean Literature (3 credits). A study of Elizabethan and Jacobean comedies and tragedies, which include representative works of such playwrights as Kyd, Marlowe, Jonson, Thomas Heywood, Beaumont and Fletcher, Dekker, Greene, Tourneur, Chapman, Marston, Shirley, and Webster. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1978-79.

360 Earlier Seventeenth Century Non-Dramatic Literature (3 credits). A study of poetry and prose written by English authors such as Donne, Jonson, Bacon, Burton, and Marvell, who flourished during the first sixty years of the 17th century. Prerequisite: Three credits lower-division literature or consent of Department Chairman, alternate years. 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, Samson Agonistes. A special attention will be given to intellectual, religious and historical milieu of Milton's age. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1978-79.

355 Dryden and Pope and Their British Contemporaries (3 credits). An in-depth study of two of the major masters of "neoclassics" and other literary trends. The course will also provide an introduction to Restoration drama, the periodic essay, modern prose fiction and the various modes of satire popular in England during the 17th century. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Alternate years, fall semester. To be offered 1978-79.

357 Swift, Johnson and Their British Contemporaries (3 credits). A study of the satires and philosophy of two of Britain's greatest 18th century writers, and also of the various current which crossed a period in which the "Enlightenment" gave way to modern outlooks. Other authors read usually include Fielding, Sterne, Gray, Gibbon, Burke, and Blake. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1978-79.

358 British Novel: Beginnings through Scott (3 credits). An investigation of the development of the novel as a novel level, tracing its roots and exploring the work of Dryden and the "big four"—Richardson, Fielding, Smollett and Sterne—through the emergence of the sophisticated novels of Jane Austen and the historical romances of Scott. The emergence of the most popular genre of literature helps us to understand how closely do we reflect our own assumptions about the world around us. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Fall semester.

359 Victorian Poetry (3 credits). A study of representative poems and supplemental statements by the Romantics, Wordsworth, Coleridge, Shelley, Keats, Byron, and selected contemporaries, including Blake and Hazlitt. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1978-79.

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

361 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 Literature or consent of Department Chairman.

362 American Literature (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, acting under the various impulses of Puritanism, Romanticism and idealism, created the first universal vision of human experience to appear in American literature. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

363 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, Stephen Crane, Theodore Dreiser, and others examined. The writer's language techniques to accommodate their basic belief that literature should be written about the average person in the light of common day. Such related theories and ideals as Social Darwinism, psychologist, scientism, impressionism, and Howells' "doctrine of complicity" also receive attention in lectures and in discussions of novels. Prerequisite: Three credits of lower-division literature or consent of Department Chairman. Either semester.

381 Methods of Teaching Secondary School English (3 credits). Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: Introduction to Literature or consent of Department Chairman.

384 Hemingway and American Literature (3 credits). A study of Hemingway's work and its influence on American literature. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction (3 credits). This course is designed to acquaint both non-majors and majors in literature with the major 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, Elliot, Faulkner, Gardner, Golding, Hem- 
ingway, Joyce, Lawrence, O'Connor, Steinbeck, Welty, and others. Prerequisite: Three 
credits lower-division literature or consent of Department Chairman. Either semester.
389 Twentieth-Century Anglo-American Drama (3 credits). A study of plays that reveal 
techniques and ideas used by the British and American writers who have created the vari-
ous forms of "modernism." Prerequisite: Three credits lower-division literature or con-
sent of Department Chairman. Either semester.
390 Folklore (3 credits). Study of what folklore is, its written and oral traditions, its differ-
ent genres. Prerequisite: E-102 and junior standing or consent of Department Chairman. 
Either semester.
293 History of Literary Criticism (3 credits). A survey of critical approaches to literature 
from Plato to the twentieth century. Prerequisite: Junior standing or a literature survey or 
consent of the Department Chairman. Fall semester.
301 Advanced Writing (3 credits). Writing for the student who wants advanced training in 
expressing ideas. The emphasis is on developing the student's writing style, taking into ac-
count varieties of technique and their appropriateness for a specific audience. Will not fulfill Area I 
requirement for graduation. Either semester. Prerequisite: Permission of the instructor or E-
201.
487G Twentieth-Century Anglo-American Poetry (3 credits). A study of representative 
works by important Twentieth-Century British and American Poets and of philosophical and 
aesthetic trends in their work. Prerequisite: Three credits lower-division literature or consent 
of Department Chairman. Either semester.
488G Methods and Theories of Literary Criticism (3 credits). Prerequisite: E-393 and 
Junior standing or consent of Department Chairman. A detailed study and application of 
the 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.

Graduate

The introductory seminar (E-500) is prerequisite to other 500-
level seminars. However, with the consent of the candidate's com-
mittee, the student may concurrently take another seminar. With 
the exception of E-501 and E-597, all seminars will be in specified areas of 
American and British literature and linguistics, though they may 
cover influences from other literatures. A maximum of six hours in 
400G English courses may be substituted for seminar work in the 
English core. E-501 may be taken as a general elective, but may not 
be counted toward a student's English core.

Since the content of courses E-510, E-520, E-530, E-540, E-
550, E-560, E-570, and E-597, may vary from term to term, a student 
may repeat any of these courses for credit but may not count more 
than six hours toward his English core.
487G and 488G see above.
500 Introductory Seminar (3 credits). An examination of a well-defined theme or problem, 
or an investigation into a major author. Research and report on aspects of the controlling 
subject to be performed by students under careful supervision of the instructor. An intro-
duction to bibliographic methods and an orientation to bibliographic sources. Prerequisite: 
Admission to the Graduate Program or consent of the English Department Chairman.
501 The Teaching of Writing (3 credits). A study of theories and methods of teaching writ-
ing for experienced teachers. Special emphasis on new discoveries about the learning proc-
esses in writing courses such as those of Mollott, Murray, Jady, Elbow, and Macrorie, and on 
the teacher's role in helping the individual student. Prerequisite: E-500 and teaching experi-
ence or consent of the English Department Chairman.
505 Linguistics (3 credits). A study of modern linguistic theories and their application to 
literary texts and to the teaching of English. An examination of the ways in which traditional, 
structural and transformational theories deal with the complexities of language in the areas 
of syntax, morphology, and phonology, as well as the recent application of such theory to 
yetics and prosody. Prerequisite: E-500 and a linguistics course equivalent to L-305 or 
consent of English Department Chairman.
510 Major Author (3 credits). A consideration of minor and major artistic creations of an 
author with attention devoted to major influences on the writer and his influence on others. 
Aspects of investigation to include the life of the author and its relation to his work, the soci-
y and culture of the times, his place and stature in the genres in which he worked, his use 
or disregard of tradition, as well as an investigation of contemporary criticism and critical 
evaluation since his time. Prerequisite: E-500 or consent of English Department Chairman.
520 German (3 credits). A study of a well-defined literary category, such as novel, short 
story, epic, or tragedy. Examination of representative texts in order to discover the evolution 
of a specific literary genre while at the same time establishing its typical features. Prerequi-
t: E-500 or consent of English Department Chairman.
530 Period (3 credits). A study in major authors, genres, or topics set within a selected pe-
riod of American or British literature. Prerequisite: E-500 or consent of English Department 
Chairman.
540 Myth in Literature (3 credits): An exploration of the use of myth in literature, both as a 
structuring influence as well as a source of content. While attention will be given to the na-
ture and working of myth itself, focus will be on the ways it enters into the conscious cre-
ation of fictive art. Mythic themes may be explored, such as the quest, the initiation, the Ad-
amic myth in American literature, or the functions of myth in the work of major authors such as 
Milton, Melville, T. S. Eliot, Joyce. Prerequisite: E-500 or consent of the English Depart-
ment Chairman.
550 Literature and Culture (3 credits). A study of the reciprocal relationship between a se-
lected body of literature and the social, economic, and political forces that characterize the 
culture from which it arose. Prerequisite: Two credits lower-division literature or consent of 
Department Chairman. 
560 Folklore (3 credits). An examination of materials selected from oral tradition and cus-
ton with attention to be paid to aspects of collecting, classifying, comparing, analyzing, and 
achievement. Theories of folklore, transmission, and function will be related to the use 
of folklore in the classroom. Prerequisite: E-500 or consent of English Department Chairman.

SCHOOL OF ARTS AND SCIENCES

570 Literary Movements (3 credits). A focus on a significant literary movement, the works 
of its major and minor contributors, its theories and its practice. Its relation to its time, its 
place in literary history, its influence on writers past and present. Prerequisite: E-500 or con-
sent of English Department Chairman.
593 Thesis (3 to 6 credits). A scholarly paper containing the results of original research. 
Prerequisite: Admission to candidacy and approval of the student's graduate committee.
595 Reading and Conference: (3 to 6 credits). A project may include, but is not limited to, 
library research papers or experimental research on some aspect of pedagogy or prepara-
tion of written curriculum with teaching materials. Prerequisite: Admission to candidacy and 
approval of the student's graduate committee.

HU HUMANITIES*

207, 208 Introduction to Humanities (3 credits). Definitions and redefinitions of culture-
man's pursuit of meaning in literature, art, music, and drama. The origins, limits, and uses of 
the creative arts. The exploration of self, society, and the world through fiction. The hu-
manities and the scientific imagination. "High" culture and "mass" culture. Prerequisite: 
English 102 or consent of Department Chairman. Each semester.

LI LINGUISTICS

305 Introduction to Language Studies (3 credits). A general survey of contemporary lan-
guage study as it is carried on in the fields of linguistics, anthropology, semantics, psychol-
y, and communication theory. Prerequisite: English 102 or consent of Department Chair-
man. Fall semester.
307 Applied English Linguistics (3 credits). Application of linguistic theory and concepts 
to the teaching of English grammar and composition. Analysis of specific problems of struc-
ture encountered in instruction. Examination of texts and materials, reports on pertinent arti-
cles in professional journals and demonstrations. For teachers or prospective teachers of 
secondary schools. Prerequisite: LI-305 or consent of Department Chairman. Spring se-
mer.
309 History of the English Language (3 credits). A study of the periods in the development 
of English; Indo-European and Germanic backgrounds; development of writing; internal and 
social forces of change, dialects of English; Concentrated work with written documents in 
English language history. Prerequisite: LI-305 or consent of Department Chairman. Spring 
semester.
405 Modern English Structure (3 credits). An approach to modern English based on lin-
guistic principles; the course will cover English phonology, morphology, and syntax with 
transformational emphasis, but including a survey of traditional structural, and newly devel-
oping theories of grammar. Prerequisite: LI-305, or consent of Department Chairman. Either 
semester, alternate years. To be offered 1977-78.

*Interdisciplinary courses are available through a program funded by the National Endow-
ment for the Humanities. Information is available in Liberal Arts room 102.

DEPARTMENT OF FOREIGN LANGUAGES

Chairman and Associate Professor: Dr. John B. Robertson, Profes-
sors: Jocums, Valverde, Assistant Professors: Jose, Schoonover. 
Emeriti: Power, deNeufville.

GERMAN MAJOR

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

1. Completion of general college requirements for Bachelor of Arts 
degree as listed in the Bulletin (See pages 23-25.)
2. The program has a minimum of 36 semester hours of upper divi-
sion work (300 and 400 levels), 30 of which must be in German.
3. 12 credit hours of the German work must be on the 400 level.
4. Majors with the Secondary Education Option must take FL 412. G 
410 is strongly recommended.
5. The candidate for the BA in German, Liberal Arts Option must suc-
cessfully complete one Senior Seminar
6. The program must be developed in consultation with the major ad-
visors and the department chairman.
7. The candidate must demonstrate his or her level of language com-
petency in German on the MLA or equivalent examination during the 
last semester in the program.
SPANISH MAJOR

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

1. Completion of general college requirements for Bachelor of Arts degree as listed in the Bulletin. (See pp. 23-25.)
2. The program has a minimum of 36 semester hours of upper division work (300 and 400 levels), 30 of which must be in Spanish
3. 12 credit hours of the Spanish work must be on the 400 level
4. Majors with the Secondary Education Option must take FI 412 and S 410
5. The candidate for the BA in Spanish, Liberal Arts Option must successfully complete one Senior Seminar
6. The program must be developed in consultation with the major advisors and the department chairman
7. The candidate must demonstrate his or her level of language competency in Spanish on the MLA or equivalent examination during the last semester in the program

REQUIREMENT FOR A FOREIGN LANGUAGE TEACHING MINOR

In order to be recommended by the Department of Foreign Languages 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 and 6 hours of culture and civilization in the same language; 3 hours of methods of teaching foreign languages.

Placement Test

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

COURSES

FL FOREIGN LANGUAGE

412 Teaching Methodology in Foreign Languages (3 credits). This course is designed for prospective and practicing Foreign Language teachers. Theoretical discussions of various problems and trends in language teaching will be applied to practical issues in order to illustrate how the proposed activities and techniques can facilitate language acquisition. Emphasis on an evaluation of Foreign language objectives, methods of instruction, and culture content, with special reference to classroom settings and interaction, testing and evaluation, educational media and language laboratory, resources and bibliography. Each student is encouraged to develop innovative and creative means of teaching. Local foreign language, secondary classrooms will be visited. Final grade based on: Class contribution, readings, written projects, practical, and final examination (in all of which a foreign language competency is assumed). Prerequisites: a minimum of 9 upper division credits in one foreign language or permission of the instructor and chairperson. Offered in alternate years. Not offered 1980.

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 instructor, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

201, 202 Intermediate 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.

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, theory and art are studied. In the Middle Ages through the 18th century, are covered; in the second semester, the 19th and 20th centuries. Classes are conducted in French. Prerequisite: 2 years of college French or equivalent. Meets the literature requirement for baccalaureate degrees awarded alternate years.

303, 304 French Composition and Conversation (3 credits). Intended to further stimulate clarity, simplicity, and precision in oral and written French; and to lay the foundations for literary French. Class conducted in French. Prerequisite: 2 years of college French or equivalent. Offered in alternate academic years.

305 French Culture and Civilization (3 credits). Coverage of French civilization from prehistoric times to the French Revolution. Special attention to the development of western civilization. Following topics are treated: Geography, history, French literature, art, sciences, French educational system, French literature and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent. Fall semester. Offered in alternate academic years.

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

G GERMAN

Lower Division

101-102 Elementary German (4 credits). This course emphasizes listening, speaking, reading and writing skills. Readings include cultural subject matter. Minimum of one hour lab work per week expected. Four class contact hours per week, each semester. Students may not enroll in 101 for credit if they have had more than one year of high school German or equivalent. With permission of the instructor, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

201-202 Intermediate German (4 credits). A continuation of G 101-102, this course emphasizes listening, speaking, reading and writing. Focus on vocabulary building, grammar, review, cultural and literary reading selections and writing assignments. Minimum of 1 hour lab work per week. Prerequisite: G 202 or equivalent as determined by placement examination and consultation.

303 Advanced German Conversation and Composition (3 credits). Intended to give students practice towards idiomatic fluency in language skills. Current German newspapers, magazines and modern essays, films, tapes, slides, etc. form the basis of classroom discussion. Lab work and frequent writing required. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

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

331 Introduction to German Literature and Literary Studies (3 credits) Major writers and periods provide samples from various genres and an overview of German literary development. The course is intended to provide insights into literary craftsmanship. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in 1978-79.

410 Advanced Linguistics for the German Language Teacher (2 credits). Application of the main concepts, aspects and features of modern linguistics to specific problems entailed in the teaching of the German language. Functional application of linguistic theory to foreign language teaching and learning practices with emphasis on the analysis of the ways in which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology and syntax. Prerequisite: G 350 and a minimum of 6 credits of upper division German and/or in-service teaching and/or equivalency as determined by placement test and interview. Offered in alternate academic years. Offered in 1978-79.

415 Die Auffindung and der Strom und Drang (18th Century) (3 credits). Essays, plays, fictional prose and poetry offer the student a picture of the literary and intellectual ferment marking the Enlightenment and the "Storm and Stress." Reading selections will be taken from the writings of Gottholder, Haffner, Klopstock, Lichtenberg, Kant, Herder, Lessing, J.M.R. Lenz, the early Goethe and Schiller and others. Prerequisite: G 351 or permission of instructor. Offered in alternate academic years. Offered in alternate academic years. Offered in 1978-79.

425 Der Traum der Antike und die Traumwelt (1780-1830) (3 credits). Readings from the Classical and Romantic periods are discussed. The emphasis is on the translation and interpretation of works of German authors of the 19th century. Readings are taken from works of Schiller, Goethe, Wieland, Hoffmann, Heine, and others. Prerequisite: G 351 or permission of instructor. Offered in alternate academic years. Offered in 1978-79.

435 Realltion: Liberal und Konservatlv (19th Century) (3 credits). Reading selections allow the student to contrast and compare a wide cross-section of German authors of the 19th century. Readings are taken from works of many authors of the 19th century. Readings are taken from works of Schiller, Goethe, Wieland, Hoffmann, Heine, and others. Prerequisite: G 351 or permission of instructor. Offered in alternate academic years. Offered in 1978-79.
445 Die moderne Zeit beginnt (1890-1945) (3 credits). "lom's," trends and writers from the turn of the century, through the Weimar Republic, to the collapse of the Third Reich: Naturalism, Impressionism, Expressionism, Neue Sachlichkeit, Blut und Boden Literature, and Expressionism. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered in 1979-80.

455 "Als der Krieg zu Ende War..." (1945-present) (3 credits). Selections will be taken from the authors, essays in historical context. Readings have appeared on the scene since 1945 treating the war and post-war experience, and the human condition in the contemporary world. Austrian, East German, Swiss and West German writers. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered in 1979-80.

465 Ritter and Bauer, Gott und Mensch (1150-1720) (3 credits). Survey covering the German literary development during the Middle Ages, Renaissance, Reformation and Baroque. Readings taken from the heroic and courtly epics, the Minnesang, moral tales and plays, religious pamphleteering, chapbooks, Fastnacht plays, from the writings of Angelus Silesius, Gryphius, Grimmeinhausen and other Baroque dramatists and poets. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered in 1978-79.

475 Die deutschsprachige Welt von heute (3 credits). An in-depth analysis of contemporary non-literary events in the German-speaking world. Discussion includes educational systems, science and theatre, arts and music, economic and business life, social and political structure, and recreation. Prerequisite: G376 or G377 or G304, or permission of instructor. Offered in alternate academic years. Offered in 1978-79.

496 Seminar (3 credits). Required of all German majors in the Liberal Arts Option. Individual research into an area of interest originating in the seminar. The research culminates in a paper to be presented to the seminar. Prerequisite: Senior standing or permission of instructor. Offered in 1978-79.

R RUSSIAN

101-102 Elementary Russian (4 credits). This course is designed to develop the beginning student's skills in Russian in reading, writing, speaking, and listening. Prerequisite: Writing Russian. Class in Russian. Times a week, and there is one hour per week of required laboratory practice. The class is conducted in Russian. Fall and Spring semester. Offered in alternate academic years. Offered in 1978-79.

S SPANISH

Lower Division

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

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

Upper Division

303 Advanced Spanish Conversation and Composition (3 credits). A practical course to continue expanding facility in expressive conversation as well as accuracy in writing Spanish. Offers an analysis of vocabulary and syntax. Readings through cultural and contemporary readings. Discussion of topics related to Hispanic contemporary trends, current events, everyday life, and other themes of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1979-80.

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

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

337 Cultura y Civilization Española (3 credits). Spanish civilization from earliest Iberian beginnings to the present. Special attention given to contributions of Spain to western world. Discussions conducted in Spanish; some readings in English. Papers required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

376 La Cultura Mexicana-Americana en los Estados Unidos (3 credits). A bilingual-bicultural course dealing with the historical roots of Mexican-American, through the Spanish conquest of the Mexican-Indian period, the Mexican-American War, and the development of the Mexican-American population in the United States over the past 130 years, including the "Chicano," "La Raza," La Causa and other recent social and political movements. Prerequisite: L1305 and a minimum of 6 credits of upper division Spanish and/or in-service teaching and/or equivalency as determined by placement test and interview. (Each semester). Alternate years.

445 Mexican-American Literature and Programming (3 credits). A study of the literature of the Mexican-American population, the authors who have written about them, and the sociopolitical-economic, social and cultural developments of the Hispanic countries, and their contributions to the western world. Discussion in Spanish; some readings in English. Papers required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in 1978-79.

447 Latin American Literature (3 credits). Written works by Latin American authors. Prerequisite: Spanish or equivalent. With permission of the Instructor, it is possible for a student enrolled in Spanish who plans to attend graduate school. The more generalized curriculum leading to the B.S. degree in Geology is designed for those students who plan a career in applied geology or who wish to attend graduate school. The more specialized curriculum leading to the B.S. degree in Earth Science Education is designed to prepare the student to teach earth science in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.

The program leading to the B.S. degree in Geography is designed for students who would like a career in applied geography or which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology, syntax, semantics, and pragmatics, and a minimum of 6 credits of upper division Spanish and/or in-service teaching and/or equivalency as determined by placement test and interview. (Each semester). Alternate years. The curriculum leading to the B.S. degree in Earth Science Education is designed to prepare the student to teach earth science in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.
who plan to attend graduate school. The need for geophysicists has grown greatly in recent years with the increased emphasis on quantitative geosciences. The curriculum offers a broad background drawing on courses in geology, math, chemistry and physics to support the geophysics courses leaving the student well equipped to find employment or to attend graduate school.

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

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

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

### GEOLOGY MAJOR
(Bachelor of Science Requirements)

1. Geology Major:
   2. Major Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Geology</td>
</tr>
<tr>
<td>Physical Geology</td>
</tr>
<tr>
<td>Historical Geology</td>
</tr>
<tr>
<td>Mineralogy</td>
</tr>
<tr>
<td>Petrology</td>
</tr>
<tr>
<td>Sedimentology</td>
</tr>
<tr>
<td>Stratigraphy</td>
</tr>
<tr>
<td>Structural Geology</td>
</tr>
<tr>
<td>Invertebrate Paleontology</td>
</tr>
<tr>
<td>Field Geology</td>
</tr>
<tr>
<td>Geology Seminar</td>
</tr>
<tr>
<td>Geology electives to total 45 credits</td>
</tr>
<tr>
<td>B. College Chemistry</td>
</tr>
<tr>
<td>C. General Physics</td>
</tr>
<tr>
<td>D. Mathematics through M-112</td>
</tr>
<tr>
<td>E. Technical Drawing unless waiver is obtained from department chairman</td>
</tr>
<tr>
<td>F. Recommended electives</td>
</tr>
</tbody>
</table>

Life Science
Technical Writing
Mathematics
Geography
Surveying
Economics
Chemistry
Physics
Engineering

### EARTH SCIENCE EDUCATION MAJOR
(Bachelor of Science Requirements)

1. General College and Baccalaureate Degree Requirements. See pages 23-25 for Graduation Requirements
2. Major Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Geology</td>
</tr>
<tr>
<td>Physical Geology</td>
</tr>
<tr>
<td>Historical Geology</td>
</tr>
<tr>
<td>Geology Seminar</td>
</tr>
<tr>
<td>Geomorphology</td>
</tr>
<tr>
<td>Geology Electives to total 30 credits</td>
</tr>
<tr>
<td>B. College Chemistry</td>
</tr>
<tr>
<td>C. General Physics or General Biology</td>
</tr>
<tr>
<td>D. Mathematics through M-112</td>
</tr>
<tr>
<td>E. Astronomy</td>
</tr>
<tr>
<td>F. Recommended Electives</td>
</tr>
</tbody>
</table>

Geography
Foreign Language
Mathematics
Communication
Life Science

3. Education Requirements
The following are required for Secondary Teaching Certification in Idaho:
Foundations of Education | 3 |
Educational Psychology | 3 |
Secondary School Methods | 3 |
Secondary Student Teaching | 6 |
Education Electives | 5 |

### FRESHMAN YEAR:
(Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>Historical Geology</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR:
(Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineralogy</td>
<td>4</td>
</tr>
<tr>
<td>Petrology</td>
<td>4</td>
</tr>
<tr>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedimentology</td>
<td>4</td>
</tr>
<tr>
<td>Stratigraphy</td>
<td>3</td>
</tr>
<tr>
<td>Structural Geology</td>
<td>4</td>
</tr>
<tr>
<td>Paleontology</td>
<td>4</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>

### SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Geology</td>
<td>4</td>
</tr>
<tr>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Upper Division Electives</td>
<td>6</td>
</tr>
<tr>
<td>Upper Division Electives in Geology</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

### EARTH SCIENCE EDUCATION MAJOR
(Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>Historical Geology</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR:
(Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>Geography</td>
<td>4</td>
</tr>
<tr>
<td>General Physics or General Biology</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Ocean Geology</td>
<td>3</td>
</tr>
<tr>
<td>Meteorology</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### School of Arts and Sciences

**Degree Requirements**

**JUNIOR YEAR:**
- Upper Division Geology
- Degree Requirements
- Upper Division Electives
- Geomorphology

**SENIOR YEAR:**
- Educational Psychology
- Upper Division Geology Seminar
- Secondary School Methods
- Student Teaching
- Education Electives
- Upper Division Electives
- Audio Visual Aids

**SOPHOMORE:**

**JUNIOR:**

**1ST SEM.**
- English Composition
- Historical Geology
- Digital Comp. Programming

**2ND SEM.**

**SENIOR:**

**1ST SEM.**
- Field Geology
- Electricity & Magnetism
- Unrestricted electives

**2ND SEM.**
- Area I & II requirements

### Geophysics Major

(Bachelor of Science Requirements)

1. General college and baccalaureate degree requirements
2. Major requirements:
   - A. Geophysics
     - Introduction to Geophysics
     - Physics of the Earth
     - Applied Geophysics I & II
   - B. Geology
     - Physical Geology
     - Historical Geology
     - Mineralogy
     - Petrology
   - C. Chemistry
     - College Chemistry
   - D. Physics
     - Physics I, II, III and labs
     - Electricity and Magnetism
   - (Ph-381)
   - E. Mathematics
     - M-112, 205, 206
     - Advanced Engineering Math (M-321)
     - M-124 or EN-104
     - Recommended electives
   - F. Physics PH-301, 382
     - Math M-340, 401, 421, 422
     - Engineering EN-221, 223
     - Geology GO-403, 412, 421, 431
     - Chemistry C-321, 322
     - Economics
     - Technical Writing

### Geophysics Major

(Suggested Program)

**FRESHMAN:**

**1ST SEM.**
- Physics I
- Physical Geology
- Calculus & Anal. Geometry
- College Chemistry

**2ND SEM.**
- Physics
- Physical Geology
- Calculus & Anal. Geometry
- College Chemistry

**SOPHOMORE:**

**1ST SEM.**
- Calculus & Anal. Geometry
- Advanced Eng. Math
- Physics II & III
- Physics Lab
- Mineralogy
- Petrology

**2ND SEM.**
- Intro. to Geophysics
- Area I & II requirements

**JUNIOR:**

**1ST SEM.**
- Field Geology
- Electricity & Magnetism
- Unrestricted electives

**2ND SEM.**
- Area I & II requirements

### Master of Science, Secondary Education, Earth Science Emphasis

The curriculum for the Master of Science in Secondary Education, Earth Science emphasis is intended to provide education for earth science teachers with the course offerings stressing current data and developments in the discipline. The planning, preparation, and conducting of laboratory investigations and cut-door field trip activities are emphasized. Because of the great variety of background training of present secondary earth science teachers, the course offerings have been chosen and designed to allow maximum flexibility in planning individual programs. A preliminary examination, oral or written, will be administered to each candidate.

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

### Courses

**Go Geology**

**Lower Division**

100 Fundamentals of Geology (4 credits).

101 Physical Geology (4 credits).
metamorphism and igneous activity, mountain building, earthquakes, and the origin of con
iments, ocean basins, and landscapes. The laboratory provides instruction and practice in the
identification of rocks and minerals, and the use of topographic and geological maps.
Three-hour laboratory per week. Field trips required. Each semester.

103 Historical Geology (4 credits). A study of the origin and progressive development of the
earth and life through the vast sequence of geological time. This course is concerned with the
cosmic, the history of life, the physical geology, economic geology, and the application of geology
to society. Three-hour lectures. Required. Fall semester. Pre-requisite: Historical Geology.

105 Rocks and Minerals (3 credits). A systematic study of rocks and minerals, with empha
sis on physical characteristics and methods of identification. Field trips and laboratory
sessions are a part of the course for those taking the map and geology classes. Two one-
hour lectures and one three-hour laboratory per week. Pre-requisite: Physical Geology.

111 Geology of Idaho and the Pacific Northwest (3 credits). A study of the geologic set
ting and history of Idaho and its immediate surroundings. Includes major topographic and
structural features, and the sediments of the ocean floors and the geologic processes and environ
ments represented thereby. Methods and instruments of ocean floor investigation are also
studied. Three one-hour lectures per week. Pre-requisite: Historical Geology. Spring semester.

121 Introduction to Meteorology (3 credits). An introduction to the study of weather phe
nomena in terms of origin, distribution, and classification. Instrumentation and research meth
ods are also investigated. Pre-requisite: Physical Geology. Three one-hour lectures. Fall semester.

211 Paleontology (4 credits). A study of genera, distribution and classification of minerals
This includes some crystallographic, optical, and chemical methods. Laboratory work con
sists of mineral analysis and observation by the use of microscopes, chemicals, and models.
Three-hour lecture and three three-hour laboratory per week. Pre-requisite: Geology 222 and Geology and College Chemistry or concurrent registration in College Chemistry. Fall sem
semester. Pre-requisite: Upper Division status or consent of the instructor.

221 Geology and History of the Pacific Northwest (3 credits). A study of the history and geology of the Pacific Northwest. Includes major physical and historical processes, and the sediments of the ocean floors. Methods and instruments of ocean floor investigation are also
studied. Pre-requisite: Historical Geology. Three one-hour lectures and one three-hour
lab per week as well as two-day Saturday field trips. Prerequisite: Mineralogy. Spring semester.

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

Upper Division

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

321 Stratigraphy (3 credits). The study of sedimentary strata with chronostratigraphic aims as its special aim. Emphasis is placed on environmental sequences of formations and fa
ces, and correlation techniques. The classification and dating of sedimentary units is the end result. Three-hour lectures and one three-hour laboratory per week. Pre-requisite: Upper Division status or consent of the instructor. Fall semester.

331 Geomorphology (3 credits). A study of the physical and chemical processes of the earth's surface. Major headings are weathering, erosion, and搬运. A term paper or project is required. Two one-hour lectures and one three-hour laboratory per week. Pre-requisites: Historical Geology and Geography.

341 Structural Geology (4 credits). A study of the physical nature of rocks, the origin, de
scription, classification, and interpretation of deformational structures of the earth's crust and the principal theories of deformation and orogeny. Lab problems in recognition and analysis of geologic structures, the geometry of faults and folds, construction of maps and cross sections, and the use of aerial photo. Field trips. Three hours and one three-hour lab per week. Pre-requisite: Historical Geology, Mineralogy, and College Algebra and Trig. Fall semester.

332 Optical Mineralogy (4 credits). The theory and application of the polarizing micro
scope in the study of igneous and metamorphic minerals. An introduction to the general theory of crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral ex
amination. Laboratory experience in the preparation of materials for optical study and diag

322 Petrology (4 credits). A study to determine the rocks in this section by means of the
polarizing microscope. The interpretation of the origin and history of igneous, meta
orphic, and sedimentary rocks based primarily on features observed in this section. A sys
tematic study of the various rock types with emphasis on metamorphic terrains. Ins1ruction will be by appropriate specialized geologists. A formal report of professional quality is required. One lecture and three, three-hour labs. Field work on most weekends. Pre-requisite: Upper Division status or consent of the instructor. Summer School.

351 Invertebrate Paleontology (4 credits). The study of the invertebrate phyla represented
in the fossil record. Emphasis is placed on the physical and chemical processes of the sea. The
end result. Three one-hour lectures, field trip and special projects and a report required. Pre-requisite: Geology 222. Spring semester.

332 Optical Mineralogy (4 credits). The theory and application of the polarizing micro
scope in the study of igneous and metamorphic minerals. An introduction to the general theory of crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral ex
amination. Laboratory experience in the preparation of materials for optical study and diag

403 Engineering Geology (3 credits). Application of geology to engineering projects. As
pects of geology as related to engineering geology, geophysics, geology and soil mechanics. These principles are applied to construction and maintenance of transportation routes, dams, canals, bridges, building foundations and tunnels. Case histories of major projects are studied. Two lectures and one
three-hour laboratory per week. Field trip required. Pre-requisite: 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 accum
ulation of water in subsurface materials. Emphasis is placed on structural, sedimenta
tional, and chemical methods of investigation. The course is designed for those planning to teach in the biological sciences. The course provides an overview of the various fields of paleontology. Evolution, taxonomy, and descriptions of important fossil groups will be stressed. Laboratory periods will be used to study small collections of the more important phyla and to introduce the student to simple museum techniques of fossil preparation and display. Two one-hour lectures and one three-hour laboratory per week. Pre-requisite: Upper Division status or consent of the instructor. Offered 1979.

471 Regional Field Study and Report Writing (1 credit). This course constitutes library re
search and preparation of reports, geological maps, rock logs, and a field trip guide book per
taining to variety of geologic topics relative to a specific area. That region, to be design
ated at the beginning of the semester. Required reading and study. Each field trip includes a trip is ordinarily taken during the spring semester vacation period. Rocks, minerals, and fossils collected during the trip and photographs of specific items are kept to the guidebook, which is then compiled into final report form. One lecture per week. Field trip required. Pre-requisite: upper division standing or consent of the instructor. Spring semester.

480 Field Geology (4 credits). Application of geologic principles and currently used field
methods to the solution of field problems. Work includes measurement and correlation of stratigraphic sections, plane table mapping, geologic mapping on aerial photographs and topographic maps, and the use of technical and meta
orphic terrains. Emphasis must be given to appropriate specialized geologists. A formal report of professional quality is required. One lecture and three, three-hour labs. Field work on most weekends. Pre-requisite: Senior standing and consent of the Department Chairman. Spring semester.

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

Graduate

511 Environmental Geology (3 credits). Environmental Geology deals with the geologic aspects of man's interaction with his environment. Topics considered include energy sources, conservation of metallic and non-metallic mineral resources, soil and water con
servation, the water cycle, geothermal investigations, and the use of geologic resources for
ard. The resource needs of our expanding population are contrasted with the growing re
quirement for the protection of our fragile environment. Pre-requisite: Graduate status or,
consent of the instructor. Summer School.

512 Regional Geology of North America (3 credits). A systematic study of the geologic
processes of North America with special emphasis on their geological relationships and
physical evolution. The uniqueness of each province is investigated in terms of its structural
and geologic history and the role it has played in the development of the North American conti
nents. Pre-requisite: Graduate status or consent of the instructor. Spring semester.

548, 549 Methods and Techniques of Sampling, Testing and Testing Geologic Data (3 credits). A study of correct and approved ways to collect representative field samples of rocks, minerals, fossils, etc., to measure topographic, structural and stratigraphic entities; to analyze and classify statistical and numerical data; and to prepare geologic maps with con
ventional and conformal coordinates. The laboratory period will be for field sampling methods with the use of geologic handbooks and field notebooks. Field work on most weekends. Pre-requisite: Consent of the Department Chairman. Fall semester.

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

551 Earth Science Teaching Techniques (3 or 4 credits). This course is a study of the ob
jectives, methods, and materials of instruction in the earth sciences. Emphasis will be placed on the preparation and presentation of lectures, laboratory exercises and field trips. Sources of earth science teaching materials available to the instructor will be compiled. Moti
vation of student interest by the incorporation of environmental problems will be emphasized. The course provides the student with internships experience in the labora
tory and lecture classroom. Pre-requisite: Graduate status or consent of the instructor.

551 Geochimistry (3 credits). The application of chemical principles to the understanding of earth materials and processes. The origin and distribution of elements in the earth and the solar system. Geochemical cycles. Chemical properties of minerals. Pre-requisite status, one year of college chemistry and one year of college geology, or consent of instructor. Summer School.

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

593 Thesis (3-6 credits). The scholarly pursuit of original work on a field or laboratory pro
ject. Sources of original data on field or laboratory work. Pre-requisite: Permission of the instructor. A final report suitable for presentation at a meeting of earth science professionals is required. Pre-requisite: Advanced Geology or Geochemistry.

595 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, term report. Pre-requisite: Physical Geology or Fundamentals of Geology and/or consent of instructor.

56
598 Graduate Seminar (1-3 credits). The preparation and presentation of oral and written reports on topics in earth science and/or science education. Presentation of oral reports may be in the form of a debate. Preparation of visual aids and geologic illustrations will be emphasized. Prerequisite: Admission to candidacy or consent of the instructor.

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 map regions with emphasis on the utilization of globes, interpretation and construction of maps. The course introduces basic concepts and techniques used in geography, utilization of natural resources, distribution of population and outstanding problems of each region. Each semester.

102 Cultural Geography (3 credits). Cultural Geography is a study of the distribution and character of man's cultural activities throughout the world. These activities will be viewed in two respects: 1. How culture affects the physical world. 2. How the physical world affects culture. Lectures, slides, motion pictures and guest speakers, along with appropriate readings, will comprise the course. Prerequisite: Intro to Geography or consent of instructor.

201 The Use and Interpretation of Maps and Globes (3 credits). The course consists in the intensive use and interpretation of maps and globes. The intent is to familiarize students in the great variety of maps and globes available and the particular advantages and disadvantages of each in particular situations. It is aimed at anyone who might have need of maps and globes, such as teachers 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, biogeographical, social, political and economic changes the region is undergoing. In addition, the role of the Pacific Northwest in relation to the rest of the United States is studied. Sources of information available to the student include textbook, reading from professional journals, the Idaho Historical Society, and slides, motion pictures and written reports of area researchers.

231 Comparative Geography of Canada and Latin America (3 credits). The course is a comparative study of the natural and cultural geographies of Canada and Latin America. Comparisons and contrasts will be made between the resources, environments, peoples and potential of each region. Their relationships with the United States and the other countries of the world will also be explored. Films, slides, and guest speakers—along with appropriate texts will be used. Prerequisite: Intro to Geography or consent of instructor.

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

Upper Division

301 Historical Geography of the United States (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 Geography (3 credits). Economic Geography is the study of the areal distribution and variation of resources and man's activity related to producing, exchanging and consuming commodities and products. Economic activities and materials are studied in the context of where they are located, their characteristics, 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 resources 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) character of mineral resources, 5) the demand and 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 the instructor.

GP GEOPHYSICS

Upper Division

301 Introduction to Geophysics (3 credits). The course is a survey of surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations. 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 groundwater geology will be stressed. Spring semester. Prerequisite: Physics 220 and Geology 101 or consent of instructor.

325 Physics of the Earth (3 credits). The course will include a discussion of the earth's gravity, magnetism, electricity, seismology, heat and radioactivity and the significance of these properties in understanding the complexities of the earth. Fall semester. Prerequisite: Physics 201 or consent of instructor.

451 Applied Geophysics I (5 credits). A detailed treatment of the application of geophysical methods used in petroleum and mineral exploration and geological investigations. Practice in the 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. Fall semester. Prerequisites: GS-314, GS-301, PH-220, PH-322, M-321.

452 Applied Geophysics II (5 credits). A continuation of GP-451 with emphasis on field procedures, equipment array and geophysical surveying techniques. Four one-hour lectures and one three-hour lab. Fall semester. Prerequisites: GS-314, GS-301, PH-220, PH-322, M-321.

SCHOOL OF ARTS AND SCIENCES

GS GENERAL SCIENCE

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

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.

DEPARTMENT OF HISTORY

Chairman and Professor: Dr. Warren L. Vinz; Professors: Bonachea, Fletcher, Tozer, Assistant Professors: Odah, Zinnsky, Visiting Professor: Buhtler.

REQUIREMENTS FOR HISTORY MAJOR

Bachelor of Arts Program

I. Liberal Arts Option

A. General university requirements to include:
1. A foreign language or equivalent * (a minimum of)........ 8
2. American National Government........................................ 3
B. History Requirements:

Lower Division Courses...................................................................... 18
History of Western Civilization (HY 101, 102, 103 or 201, 202, 203)........ 9
U.S. History (HY 151, 152 or 251, 252)........................................ 6
Intro. to the Study of History, HY 210......................................... 3

2. Other History Courses **......................................................... 24

History Seminars ........................................................................... 6
Upper Division History (minimum of).............................................. 12
Additional history upper or non-required lower division......................... 6
C. Electives ................................................................................... 28-36

II. Secondary Education Option

A. General university requirements to include:

American National Government..................................................... 3
B. History requirements:

1. Lower Division Courses............................................................ 18
History of Western Civilization (HY 101, 102, 103 or 201, 202, 203)........ 9
U.S. History (HY 151, 152 or 251, 252)........................................ 6
Study & Methods of Teaching History............................................ 3

2. Other History Courses ** ............................................................ 24

Upper Division American History Elective.......................... 3
Seminar ....................................................................................... 3
Upper Division History (minimum of).............................................. 12
Additional history electives upper or non-required lower division........ 6
C. Educational requirements for State Certification............. 20
for Secondary Education.............................................................. 20

D. Electives ................................................................................... 20

III. History—Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education op-
SCHOOL OF ARTS AND SCIENCES

tion. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study and teaching minors of 15 credits each chosen from other social science fields.

A. Lower Division courses:
1. U.S. History (HY 151, 152, or 251, 252)........................................6
2. Western Civilization (HY 101, 102, 103 or 201, 202, 203) Any 6 credits..................................................6
3. Study & Methods of Teaching History ........................................3
B. Other History Courses (minimum of 15 U.D.—3 U.D. American History).........................................................18
To be chosen by student in consultation with advisor from two out of three of the department's offerings (U.S., European, Third World).

C. Other Courses
At least 15 hours, of which 9 must be upper division, must be taken in each of two allied disciplines: Economics, Political Science, Anthropology, Sociology, Geography. These courses should be chosen by students in consultation with their advisor.

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

IV. History Minor Option
1. Lower Division Courses..........................................................12
   U.S. History, (HY 151, 152, or 251, 252) Western Civilization (HY 101, 102, 103, or 201, 202, 203) 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.
2. Upper Division Courses ..........................................................12
   To be chosen from two of the three major areas (U.S., Europe, Third World) offered by the department.

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

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

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

MASTER OF ARTS, SECONDARY EDUCATION, HISTORY EMPHASIS

I. Admissions
See Part VIII Graduate School Information, page 138 in catalogue.

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

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

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

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

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

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

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

COURSES

HY HISTORY

Lower Division

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

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

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

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

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

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.

210 Introduction to the Study of History (3 credits). An introduction to the study of history for liberal arts students, exploring the nature of the discipline, and dealing with practical problems of historical research and writing, including the applications of various methodological approaches to the analysis of data. Required of all history majors, liberal arts option, prior to taking any upper division history courses. Either semester.

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

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

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

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

298 American Heritage (2 credits). An introductory course to an Eastern seaboard trip; provides a survey of the early and contemporary contributions to our American heritage. Historical and governmental sites to be visited include Washington, D.C., and New York City. The credit allowance in this course is subject to the student's participating in the tour.
SCHOOL OF ARTS AND SCIENCES

Upper Division


307 The German Enlightenment (3 credits). The struggle for individuality in modern times, and the relation of this issue to the origins of the two World Wars. The problem will be traced through the "opening to the east" inspired by Willy Brandt. HY 103 recommended. Either semester, alternate years.

308 France Since the Revolution (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 deGaulle. HY 103 recommended. Either semester, alternate years.

309 The Renaissance (3 credits). A study of European society, economic development, artistic expression and humanism, and political concepts, with attention to both the Renaissance in Italy and in the North. Prerequisite: HY 102 or consent of instructor. Spring semester, alternate years.

310 The Reformations (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 motive for revolution, the Carthaginian empire, Feudalism and Feudalism, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

311, 312 History of England (3 credits). First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1668. Second semester: Great Britain from the seventeenth century to the present. Either semester, alternate years.

313, 314 History of Russia (3 credits). First semester: Survey of the origins and development of the lifestyle of the Russian states from the eighth century to the eighteenth century. Second semester: Russia from the eighteenth century to the present. HY-102, HY-103, HY-313 recommended. Either semester, alternate years.

315, 316 History of the Far East (3 credits). First semester: Survey of the history of China, Japan, Korea and Viet Nam to ca. 1600, emphasizing their cultural development. Second semester: A study of the political and cultural transformation of East Asia as a result of its interaction with the West after 1600. Either semester, alternate years.

319 Ancient Greece (3 credits). A study of the ancient Greek world from the Niohoan thesaeus to the end of the Peloponnesian War. Special attention is given to the outstanding achievements of the Greeks in political and philosophical thought, epic and lyric poetry, dramatic achievements, and visual arts. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

320 Ancient Rome (3 credits). A survey of Rome from its earliest beginnings under Etruscan influence to its acquisition by the Roman Republic and the Empire. Emphasis on political and military developments, social and religious changes, outstanding personalities, and literary and artistic achievements. Prerequisite: HY 101. Spring semester, alternate years.

321 Medieval Europe (3 credits). A study of the political, economic, and cultural development of Western Europe from the fourth to the fourteenth century. Special attention given to the Constantine's revolution, the Carolingian empire, Feudalism and Feudalism, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Prerequisite: HY-101, or instructor's consent. Fall semester, alternate years.

322 The Middle Ages (3 credits). A survey of the Christian Church from its apostolic foundations in the 1st century to the fully developed papal monarchy of the late 13th century. Special subjects for close examination; the internal organizational development and external expansion of the Church, the establishment of theological dogmas and ethical norms, the relations of individual Christians to the world, and the organizational Church to the secular state; the effective establishment of papal power over Western Christendom. Prerequisite: HY-101 or consent of instructor; Recommended: HY-321. Spring semester, alternate years.

323 The Islamic Middle East (3 credits). A study of the power, people, institutions, and culture of the Near East, Middle East, and North Africa from the early development of Islam to the end of the eighteenth century. Emphasis on the political and social development of the Islamic empires in the eighteenth century. Prerequisite: Upper Division standing. Fall semester, alternate years.

324 The Modern Middle East: Conflicts in Conflict (3 credits). A history of the Near and Middle East during the nineteenth and twentieth centuries, the decline of the Ottoman Empire, the breakup of the Ottoman Empire, and the rise of the Turkish, Iranian, Arab and Israeli nationalism. HY 103 recommended. Spring semester, alternate years.

325 History of the Americas (3 credits). A study of the history of the Americas from the earliest human chronicle to the end of the eighteenth century. The course will focus on political and military activity; social and religious changes, outstanding personalities, and cultural developments in their historical context. HY 151, 152 recommended. Either semester, alternate years.

326 History of Europe (3 credits). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuity of the United States as a world power, and the impact of domestic developments upon the foreign relations of the United States. Seminar may be repeated. Prerequisite: Consent of instructor. Spring semester, alternate years.

327 United States Constitutional History (3 credits). A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitutional Convention, John Marshall, Civil War, Age of Industrial Development, Progressivism, World Wars, Civil War, and the World War. Contemporary and international developments are placed in the context of the Supreme Court. Prerequisite: HY 151, 152 or consent of instructor. Fall semester, alternate years.

328 History of Ireland (3 credits). The development of the concept of an Irish nationality, the effects of the long colonial relationship between Ireland and Great Britain, the struggle for Irish independence, the contemporary Irish issue. Either semester, offered alternate years.

351 Revolutionary 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.

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

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

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

356 The Indian in American History (3 credits). Examination of the Indian's role in America's development and the impact of while society on Indian culture. The course investigates the Indian-white contact, the rise of the American Indian as a separate nation, and the Indian's part in these rivalry, 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 an in-depth individual study. Prerequisite: Upper Division standing or completion of HY-151-52. Either semester, alternate years.

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

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

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

360 National and Spanish America (3 credits). The development of distinctive Spanish American societies through the merging of medieval Spanish with American and African cultures in South and Middle America, all within the framework of European political rivalries. The course includes with the interaction of the Wars of the early nineteenth century. Prerequisite: HY-102. Fall semester, alternate years.

361 Spanish American Nations (3 credits). The struggle towards democracy, economic progress, and political stability of Latin America from its 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.

362 Latin America; environmental studies of a particular period, topic, or problem in United States history. Reading and discussion format. Consent current class schedule for specific options offered each term. Colloquium may be repeated. Prerequisite: Upper division standing.

363 Colloquium in European History (3 credits). Intensive studies of a particular period, topic, or problem in European history. Reading and discussion format. Consent current class schedule for specific options offered each term. Colloquium may be repeated. Prerequisite: Upper division standing.

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

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

423 European Diplomatic History 1871—Present (3 credits). A consideration of the major problems affecting the international relations of the major European countries from 1871 to the present; the search for security after the creation of the nation state; and the political, economic, and ideological changes in Europe since 1918. Either semester.

486 History of Mexico (3 credits). This course examines cultural, social, political and economic forces affecting the historical development of Mexico from the Spanish Conquest to the present. The course is divided into three major components: (a) Historical development of Mexico from the pre-colonial period to the Wars of Independence; (b) From nationalization to the Mexican Revolution; and (c) Mexican History from the Mexican Revolution to the present. The contributions of Mexican leaders from 1821 to the 1990s will be examined in the context of Mexican society, the development of indigenous nations will be the focus of this section; (c) From the Mexican Revolution to the present, and will also analyze the contributions of Mexican Revolutionary Movements in the 19th and 20th centuries. Spring semester, alternate years.

486 Seminar in U. S. History (3 credits). Critical analyses of source materials and historical literature on a topic of restricted scope in U. S. History. Prerequisite and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. Prerequisite: Upper Division standing.

488 Seminar in European Historical Studies (3 credits). Critical analyses of source materials and historical literature on a topic of restricted scope in European History. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. Prerequisite: Upper Division standing.

59
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.

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

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

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

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

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

580 Graduate Seminar in U. S. History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of U. S. history. Emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or consent of the department chairman.

581 Graduate Seminar in European History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of European history. Primary emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or consent of the department chairman.

582 Graduate Seminar in Third World History (3 credits). A study of the principal themes or problems within well-defined periods or particular fields of Third World history. The Third World scope includes Latin America, Far East, Middle East and Africa. Primary emphasis will be placed on reading, discussion, writing and research. Reports and discussion on various aspects of the controlling subject will be performed by the students with the assistance of the instructor. Prerequisite: Admission to the graduate program or consent of the department chairman.

591 Project (3 credits).

593 Research and Thesis (6 credits).

598 History Seminar (3 credits).

DEPARTMENT OF HOME ECONOMICS

Chairman and Associate Professor: Dr. Leda S. Scrimsher; Associate Professor: Swain; Assistant Professor: Long; Instructor: Johnson; Special Lecturers: Centanni, Eyre, Nichols.

The objective of the department of home economics is to provide education of high quality for each of the student categories listed below.

A. Students who expect to obtain a baccalaureate degree with a major in home economics (we are waiving approval of 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: 1ST SEM. 2ND SEM.

Laboratory Science .................................................. 4 4
English Composition ................................................. 3 3
Introduction to Home Economics ................................ 1 —
Clothing ......................................................................... — 3
Art .................................................................................. 2 2
Test ................................................................................. — 3
Physical Education Activities ......................................... 1 1
Clothing & the Individual .............................................. 2 —
*Electives ........................................................................ 2 1

Sophomore Year: 1ST SEM. 2ND SEM.

House Planning .............................................................. — 3
Food & the Individual .................................................... 4 —
Home Furnishings ......................................................... 3 —
Nutrition .......................................................................... — 3
Social Science (History, Political Science) ...................... — 3
Microbiology .................................................................... — 3
Human Physiology and Anatomy .................................... — 4
Psychology ........................................................................ — 3
Introduction to Sociology .............................................. — 3
* * Electives ..................................................................... — 1

Total: 15 17

Junior Year

Senior Year

COURSES

HE HOME ECONOMICS
207 Nutrition (3 credits). Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed. Three lectures each week. Open to all students. Fall semester.

208 Food and the Individual (4 credits). A lecture, lab class in which assessment is made of the interrelationships of the nutritive value of foods, principles of food preparation and the human body. Laboratory experience includes approved techniques of food preparation to retain nutrients and enhance aesthetic qualities. Sanitary standards and procedures for handling food products will be stressed. Effective use of material, time, energy and money will also be studied. Prerequisite: HE 207 or may be taken concurrently. Two hours lecture and two 3-hour laboratory periods each week. Fall semester.

Upper Division

303 Tailoring (3 credits). Basic principles used in garment construction applied through actual construction of a suit, coat or pants suit. At least one garment done using wool; other garment could be a choice between knit or woven fabric. Common fitting problems are studied and solutions derived. A personal master pattern is developed to fit student's personal need. Current tailoring techniques are stressed. Prerequisite: HE 103, HE 107, HE 109. Two 3-hour laboratory periods each week. Spring semester.

305 Home Furnishings and Interior Design (3 credits). The primary emphasis of the course is planning home interiors. Study consists of: analysis of life styles, basic needs, space division, color and design, furniture selection, floor coverings, major structural elements and enrichment. The extended environment and historical heritage are also studied. Prerequisite: AR 105. Three hours lecture each week. Fall semester.

DEPARTMENT OF MATHEMATICS

Chairman and Associate Professor: Dr. William P. Mech; Associate Chairman and Associate Professor: Dr. Daniel G. Lamet; Professors: Hughes, Juola, Maloof, Takeda; Associate Professors: Anderson, Ball, Ferguson, Furuyama, Kerr, Sulanke, Ward, Winans, Young; Assistant Professors: Eastman, Haustrath, Kenny, Smartt, J. Smith, Sugiyama.

The Department of Mathematics provides two bachelor's degree programs. The curriculum leading to the bachelor's degree in mathematics is designed for those students whose career interests involve the use of mathematics or who plan to attend graduate school. The curriculum is so designed as to prepare the student to teach mathematics in secondary schools and to meet Idaho teacher certification requirements. The master's program is to provide advanced education for junior and senior high school mathematics teachers.

REQUIREMENTS FOR MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Programs

1. Mathematics Degree:
   1. College requirements for B.A. or B.S. degree, including electives.
   2. Mathematics requirements
      Lower Division
      Calculus through M206 or M212
      M124 (Digital Computer Programming)
      M225 (Applied Fortran Programming) or M226 (Assembler Language)
      Upper division mathematics: 27 or more credits
      One or more of:
      M301 Linear Algebra (4)
      M302 Intro. to Abstract Algebra (3)
      M306 Number Theory (3)
      One or more of:
      M314 Foundations of Analysis (3)
      M406 Complex Variables (3)
      One or more of:
      M361 Fundamentals of Statistics (4)
      M362 Probability Theory (4)
      M431-432 Probability and Statistics (6)
      Three or more semester courses, including a sequence, at the 400 level (9-12)
      M406 or M431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

SCHOOL OF ARTS AND SCIENCES

The particular mathematics courses used to satisfy the degree requirement may be chosen from specific courses in such areas of mathematics as: computer programming, applied mathematics, statistics, and theoretical mathematics. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.

Students interested in engineering can form a program leading to a Bachelor's degree in mathematics. This program could include many of the upper division physics or engineering courses offered at B.S.U. and satisfy most of the mathematics requirements with application-oriented mathematics courses.

A mathematics degree program can also be developed by those students interested in a computer-related career. This program would include many business courses, the courses needed for the mathematics major, and M124, M226 and M451.

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 M431 and M432.

For students preparing for graduate work in a mathematical field, both M401-402 and M441-442 are recommended. Additional courses should be selected with his advisor. A reading knowledge of at least one of French, Russian or German is highly desirable.

II. Secondary Education Degree

1. College requirements for B.A. or B.S. degree, including electives.
2. Mathematics requirements
   Calculus through M206 or M212
   M124 (Digital Computer Programming)
   Upper division mathematics
   M301 Linear Algebra (4)
   M302 Intro. to Abstract Algebra (3)
   M311 Foundations of Geometry (3)
   M314 Foundations of Analysis (3) or M406
   Complex Variables (3)
   M361 Fundamentals of Statistics (4) or M362
   Probability Theory (4) or M431-432
   Probability and Statistics (6)
   M490 Mathematics in Secondary Schools (3)

3. Electives (Recommended: M225, M226, M306, M312)
4. Education Requirements (See Part V) 20 credits
   (M490 counts as an education elective)
5. A 45 semester hour major or a 30 semester hour major with a 20 semester hour minor.

In order for students to complete the requirements for the Secondary Education degree, certain course scheduling and ordering are necessary. The following suggested program reflects these factors.

Secondary Education Degree

(Suggested Program)

<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>Calculus M 204, 205 or M 211, 212</td>
<td>5</td>
<td>4-5</td>
</tr>
<tr>
<td>Degree Electives</td>
<td>8</td>
<td>9-8</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus M 206</td>
<td>0-4</td>
<td>—</td>
</tr>
<tr>
<td>Programming M 124</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Linear Algebra M-301</td>
<td>—</td>
<td>7</td>
</tr>
<tr>
<td>Elective</td>
<td>9-13</td>
<td>7-13</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>
emphasize in Mathematics.
2. Some students may be required to remove deficiencies before admission to candidacy. Students with strong undergraduate mathematics may apply to challenge, waive, or replace parts of the emphasis requirements.

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

**SCHOOL OF ARTS AND SCIENCES**

**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Analysis M 314</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Abstract Algebra M 302</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Statistics M 361 or Probability Theory M 362</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Elective</td>
<td>12</td>
<td>9</td>
</tr>
</tbody>
</table>

**SENIOR YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary School Methods</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Mathematics in Secondary Schools M 490</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Secondary Student Teaching</td>
<td>—</td>
<td>6</td>
</tr>
<tr>
<td>Education Electives</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>—</td>
<td>13</td>
</tr>
</tbody>
</table>

**Teaching Minor in Mathematics**

*(Suggested Program)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 124</td>
<td>2</td>
</tr>
<tr>
<td>M 204 or 211</td>
<td>5</td>
</tr>
<tr>
<td>M 205 or 212</td>
<td>4-5</td>
</tr>
</tbody>
</table>

**206 or 212**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 302</td>
<td>3</td>
</tr>
<tr>
<td>M 306</td>
<td>3</td>
</tr>
<tr>
<td>M 311</td>
<td>3</td>
</tr>
<tr>
<td>M 361</td>
<td>4</td>
</tr>
<tr>
<td>M 362</td>
<td>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.

**M MASTER'S IN SECONDARY EDUCATION WITH MATHEMATICS EMPHASIS**

A. The Masters of Secondary Education with a Mathematics emphasis may be obtained through any of the following three options.

1. The 30-hour "examination option"
   a) Secondary Education Core
   b) Mathematics sequence and math seminar
   c) Mathematics electives
   d) Free electives
   e) A written examination over mathematics course work
   f) An oral examination over all mathematics course included in the Master's program.

2. The 33-hour "project option"
   a) Secondary Education Core
   b) Mathematics sequence, math seminar, M 591
   c) Mathematics electives
   d) Free electives
   e) A written examination over mathematics course work

3. The 33-hour "thesis option" is the same as the "project option" except that M 591 is replaced with M 593.

B. Mathematics Requirements

1. Required Courses
   M 501, 502 Real Analysis I, II or M 541
   M 542 Modern Algebra
   M 590 Seminar in Mathematics
   M 591 Seminar in Mathematics
   M 592 Seminar in Mathematics
   M 593 Seminar in Mathematics
   M 594 Seminar in Mathematics
   M 595 Seminar in Mathematics
   M 596 Seminar in Mathematics

2. Elective Courses

Additional courses as planned by the student and his graduate committee to meet program requirements.

C. Additional Information

1. Credit in Workshop (594 or 599) is limited to a total of 3 credits to be applied to partial fulfillment of the requirements for the
312 Combinatorial Geometry (3 credits). Study of geometry of curves and surfaces in Euclidean spaces, maps, networks, topology, combinatorial geometry and calculus, metric spaces, and measure theory. Prerequisite: M 205 or 212. Spring semester, odd-numbered years.


331 Differential Equations (4 credits). Theory of ordinary differential equations with applications to physical sciences and engineering. Prerequisite: M 206 or 212. Fall semester.

340 Numerical Analysis (4 credits). The application of numerical methods to interpolation and approximation, numerical integration, solution of equations, error analysis, solution of equations with the implementation of computer programming. Fortran programming will be utilized. Prerequisite: M 124 (EN 104), M 206 or 212. Spring semester.


362 Probability Theory (4 credits). The algebra of sets, set functions, probability functions, random variables, distributions, densities, generating functions, conditional probability, Markov's inequality, central limit theorem, strong and weak laws of large numbers. Prerequisite: One of M 106, M 205 or M 212. Fall semester.

401-402 Advanced Calculus (3 credits). The real number system, continuity, functions of several variables, partial differential, multiple integrals, line and surface integrals, theory of integration, transformations, infinite series. Prerequisite: M 314. Sequence beginning each Fall.

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

411 Introduction to Topology (3 credits). Sets, metric spaces, topological spaces, continuous mappings, connectedness, compactness. Prerequisite: M 314. Spring semester, even numbered years.

421-422 Applied Mathematics (4 credits each). Partial differential equations of mathematical physics, Fourier series and orthogonal functions, boundary value problems, transform methods, integral equations. Prerequisite: M 321 or M 331. Sequence beginning fall of odd numbered years.

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

441-442 Abstract Algebra (3 credits each). Set theory, group theory, homomorphism theorems, Sylow theorems, ring theory, ideal theory, field theory, field extensions, Galois groups. Prerequisites: M 301, M 302. Sequence starts fall of even numbered years.

451 Basics of Programming (4 credits). Introduction to machine language programming, compiled languages, program optimization, computer logic and design. Prerequisite: M 226 and M 206 or M 212. Fall semester.

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

480 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.

Graduate


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.

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

505 Foundations of Mathematics (3 credits). The axiomatic method and its role in modern mathematics; the role of the theories of sets and groups in the development of mathematics; mathematical philosophy. Prerequisites: M 301 or consent of instructor.

511 General Topology (3 credits). Sets, separation axioms, topologies, connectedness, compactness, generalization, continuity, product spaces. Prerequisite: M 401 or M 501 or consent of instructor.

541-542 Abstract Algebra I, II (3 credits each). Mappings, the integers, groups, subgroups, ring theory, integral domains, polynomial rings, fields, field extensions. Prerequisites: M 301 or M 302 or consent of the instructor.

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

561 Mathematics for Operations Research (4 credits). An introduction to mathematical techniques commonly used to solve problems which call for a decision based on the analysis of various variables. Linear systems, sensitivity analysis, linear programming, probability, differential calculus, and integral calculus with emphasis on applications in management decision situations. Prerequisite: Consent of instructor.

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

571 Mathematics Curriculum, T-12 (3 credits). The history of the 7-12 mathematics curriculum content, special problems, and trends in mathematics programs, organization of the curriculum, study of reports and recommendations, curriculum development projects. Prerequisite: one year's experience in teaching junior or senior high mathematics.

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

SCHOOL OF ARTS AND SCIENCES

593 Thesis (3 to 6 credits). The scholarly pursuit of original work in mathematical research or the formulation of a new interpretation or novel exposition of extant mathematics. Prerequisite: admission to candidacy.

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

DEPARTMENT OF MILITARY SCIENCE

ARMY ROTC

Chairman, Maj. Walther
Instructor: Sgt. Sutter

The Reserve Officers' Training Corps was established at Boise State University in 1977 under provisions recommended to the State Board of Education and in accordance with national requirements. Until the regulations of the university, participation by students in the program is voluntary.

The objective of the senior division, Army ROTC, is to provide university students who have the essential qualities and attributes an opportunity to become commissioned officers in the United States Army. In addition, the senior division provides a major source of procurement for Regular Army officers in the Regular Army. The procurement is accomplished through the recurring selection of a number of distinguished military graduates.

SCOPE OF INSTRUCTION

General. The complete course of instruction leading to a commission as a second lieutenant comprises four years and one summer camp, or two years and two summer camps. Training in military leadership is emphasized. Instruction is given in subjects common to all branches of the Army with stress placed on the following: Organization of the Army and ROTC, individual weapons and marksmanship, American military history, management, leadership, map and aerial photographic reading, U.S. Army and national security, military teaching principles, branches of the Army, tactics, communications, operations, logistics, administration, military law, and the role of the United States in world affairs.

Basic Course. The basic course consists of the first two years of military science, normally taken during the freshman and sophomore years. Satisfactory completion of the basic course fulfills one of the requirements for continuation in the four-year program and acceptance into the advanced course. Those students desiring to take the advanced course, but lacking the credit for the basic course, may satisfy the requirements by attending a six-week summer camp between their sophomore and junior year, by obtaining 90 military contact hours, or by academic course substitution. Veterans and some Reserve Component personnel are given military credit for the basic course.

Advanced Course. The advanced course includes two additional years of military Science and a six-week summer camp. The camp provides for practical application of instruction previously given. Admission to the advanced course is accomplished through concurrence of the president of the University and the chairman of the Department of Military Science.

REQUIREMENTS FOR ARMY COMMISSIONS

Applicants for admission to the advanced course must (1) have satisfied the requirements of the basic course, successfully completed the six-week summer basic camp or have completed 90 contact hours; (2) not have reached an age which will prevent appointment as a second lieutenant in the USAF under graduation (the 28th birthday). In exceptional circumstances, the age requirement may be wavered or a compensation of military science courses may be authorized to permit qualification for appointment before the 28th birthday. Students seeking a commission in the Regular Army must com-
complete the course and graduate before reaching age 27; (3) complete successfully such survey and general screening tests as may be prescribed; (4) be selected by the president of Boise State University or any other institution to which he may thereafter be admitted; (5) execute an individual contract with the government by which the student, in consideration of retainer pay at $100 a month for ten months each year, agrees to complete the advanced course at Boise State University or any other institution which he may thereafter be enrolled where such a course is given; (6) devote a minimum of five hours a week to the military training prescribed by the Secretary of the Army; (7) attend a six-week summer training camp between the junior and senior year, or in exceptional cases, at the end of the senior year; (8) enlist in a reserve component (this enlistment does not involve additional training or duty but is to insure compliance with the terms of the contract signed by the student); (9) agree to accept a commission if tendered; (10) serve on active duty as an officer for three years or three months as determined by the Department of the Army.

SCHOLARSHIP

Financial assistance for selected students is offered through 1, 2, 3, and 4-year scholarship programs paying for tuition, fees, books, and laboratory costs each year plus $100 a month retainer pay for ten months each year. Each student accepted for this assistance must serve four years of active duty after commissioning.

FINANCIAL ASSISTANCE

Each advanced course student receives subsistence pay of $100 a month for up to ten months a year for two years. Summer camp pay in addition to meals, quarters, and medical and dental attention is paid as follows:

- Basic Camp, $400 (approximately); regular camp, $500 (approximately);
- travel pay, $0.08 per mile each way. A uniform allowance of $300 is paid to each commissioned student upon entry into active duty. Deserving and qualified students are tendered Regular Army appointments.

UNIFORMS

Basic and advanced course students will be provided uniforms, texts, and equipment. All such items of clothing and equipment are the property of the United States Government and are provided solely for the purpose of furthering the military training of the student concerned. Students are responsible for the safekeeping, care, and cleanliness of the property issued to them.

COURSES

ML MILITARY SCIENCE

101 Introduction to Military Science (1 credit). This course is designed to provide an overview of ROTC to include its history, a synopsis of the organization of the United States Army and a general introduction to the principles of leadership. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

102 Introduction to Military Science (1 credit). This course is designed to provide an introduction to orientation and land navigation, communication and small unit tactics. The laboratory consists of practical participation in the application of leadership principles, through adventure training.

201 Introduction to Leadership (2 credits). This course is designed to prepare the student for the ROTC Advanced Course. The course presents an introduction to leadership and basic map reading/orientation. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

202 Military History (2 credits). The course is designed to prepare the student for the ROTC Advanced Course and the profession of Arms. The course will enable the student to form general concepts of the evolutionary nature of warfare, identifying those elements of war which remain relatively constant and those that are modified by time and circumstance. The student will acquire a general knowledge and appreciation of the development of the American Military System and its leaders. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

301 Leadership and Management (3 credits). This course is designed to increase the student’s poise and confidence as a military instructor and leader. It is further designed to provide information on the branches of the Army available for assignment; and to assist each student in making his/her selection during the senior year. The course will also prepare the student for participation in Advanced Camp. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

302 Basic Tactics (3 credits). This course is designed to prepare the student for ROTC Advanced Camp. Additionally, this course will continue to develop leadership abilities, promote confidence, and ready students for military service as commissioned officers. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

401 Advanced Tactics (3 credits). Prepares the prospective Army officer for initial Army assignment. Covers military staff organization and responsibilities, role of combat, combat support, and combat service support units in the Army, military intelligence, logistics, maintenance and supply, and an introduction to military justice.

402 Professional Preparation (3 credits). Prepares the prospective Army officer for initial Army assignment. Covers the position of the United States in the Contemporary world scene in light of its impact on the military services; obligation and responsibilities of an officer on active duty; and coordination and operations of the military team.

DEPARTMENT OF MUSIC

Chairman and Professor: Mr. Wilber D. Elliott; Associate Chairman and Associate Professor: Oakes; Professors: Best, Meyer, Taylor; Associate Professors: Baldwin, Cleveland, Hsu, Shelton; Assistant Professors: J. W. M. Bratt, Hopper, Samball, Thomason; Instructors: Baldassarre, Blood; Special Lecturer: Stern (Conductor-in-Residence).

GIFTS AND MEMORIALS TO THE MUSIC DEPARTMENT

The Music Department has been the recipient of many fine gifts of instruments, music and record collections from friends and supporters of the Department. In the Music Auditorium is housed the J. W. Cunningham Memorial Pipe Organ, the three-manual Austin organ of 45 ranks and 54 registers, given to the University by Laura Moore Cunningham. It is used for concert, teaching, and practice purposes. Also in the Auditorium is the console for the Harry W. Morrison Memorial Carillon, built by Maas-Rowe. Given as a memorial to her husband by Mrs. Velma Morrison, the Grand Symphony Carillon system chimes the hours and half-hours and twice daily plays a short program of carillon music. A familiar but unusual gift, seen in area pages and at home football games, is the BSU calliope, given by Dr. 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
- Senator Len Jordan
- Bryant S. Martineau
- Marjorie Palmquist
- Mr. and Mrs. Edward Utley
- Mrs. Eli Weston

REQUIREMENTS FOR MUSIC MAJOR

BACHELOR OF ARTS PROGRAM

A. Completion of general college requirements for the Bachelor of Arts degree as found on page 23 of this catalog.

B. Minimum Music Requirements:

<table>
<thead>
<tr>
<th>Performance Studies</th>
<th>Materials of Music I, II, III, IV</th>
<th>Ear Training I, II, III, IV</th>
<th>Music History/Literature Courses</th>
<th>Ensemble</th>
<th>Concert Class (each semester)</th>
<th>Performance, Theory, Music Education, or General Music Electives</th>
<th>Senior Recital* or Senior Project**</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>12</td>
<td>4</td>
<td>6</td>
<td>4</td>
<td>0</td>
<td>10</td>
<td>1</td>
<td>45</td>
</tr>
</tbody>
</table>

*Senior Recital option requires approval of the student’s private instructor. Senior Recital (MA-444) requires a minimum of 3 years of study or equivalent in the area prior to enrollment.

**An independent Study terminal project under faculty supervision and with the approval of a faculty member.
MUSIC MINOR

The Music Department will recognize a minor in music (in conjunction with a major in a non-music area) a minimum of 20 hours of music credits completed. Emphases are possible in Performance, Music Theory, History/Literature, or Music Education. Details of the individual student's curriculum are to be determined by the student in consultation with an assigned Music Minor advisor and subject to the approval of the Music Department Chairman.

MUSIC MAJOR IN PERFORMANCE

THEORY-COMPOSITION, AND MUSIC EDUCATION

BACHELOR OF MUSIC PROGRAM

1. Bachelor of Music Degree (Performance and Theory-Composition Emphasis) is designed to train performers and composers and performing artist teachers. It is the basic degree for preparing students for graduate work in the performing and creative fields as well as teaching at the college and university level. It is essentially a preprofessional degree.

2. The Bachelor of Music Degree (Music Education Major) is designed to prepare students for teaching careers in the secondary and elementary educational systems. It also prepare the students for graduate work in Music Education.

3. All full-time students will be required to attend Concert Class during each semester of residency at Boise State University. (See course description for MA 010 for complete details). All students will perform on their major instrument before a faculty jury at the end of each semester. Students presenting MA-444, 445, or 446 recitals are exempt from faculty jury during the semester in which the recital is given.

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 314 will meet level II requirements for Music Education Majors. A grade of C or better in MU 314 will meet level III requirements for Performance and Theory-Comp majors. Details are available from the Music Department.

5. All Bachelor of Music Majors are required to register for one of the three major ensembles (band, choir, or orchestra) each semester, totalling a minimum of 8 credits over a normal 4-year course of study, except that performance majors in Piano, Voice or Guitar, will take only 6 credits of major ensembles. Piano performance majors will take 2 credits of accompanying (ME 180, 380) toward the required 6 credits. Guitar majors may take 2 credits of Guitar Ensemble (ME 167, 367) toward the required 6 credits. Other ensembles may be taken as electives in addition to the required major ensembles.

6. The following Core of Music Courses will be included in all Bachelors of Music curricula:

   - Concert Class (Attendance required each semester of residency—see MA 010 course description for details) 6-8
   - Materials of Music I, II, III, IV and Ear Training I, II, III, IV 16
   - Ensembles 8, 6
   - Elements of Form (Upper Division) 3
   - Music History Courses (Upper Division) 3 credits will count toward Area I Requirements; see page 17 12
   - a. History and Lit. of 20th Century (MU 306) 3
   - b. Other Music History selected from MU 305, 307, 309, 310 9

I. Performance Emphasis Requirements

   1. General University and Basic Core Requirements 40
   2. Music Requirements: 40
      a. All Performance Majors will take 2 credits of Performance Studies the first semester Freshman Year and perform a 4-credit jury prior to enrolling in 4-credit performance studies second semester.
      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 24
         Performance Major Studies 4
         Advanced Form and Analysis 2
         Band Arranging 2
         Choral and Instrumental Conducting 2
         Counterpoint 4
         Keyboard Harmony and Basic Improvisation 4
         Music Composition 4
         Senior Recital 2
      d. Electives (Any Area) 19-22
      Total: 128

II. Theory-Composition Emphasis Requirements

   a. General University and Basic Core Requirements 29-32
   b. Music Requirements: 40
      a. All Performance Majors will take 2 credits of Performance Studies the first semester Freshman Year and perform a 4-credit jury prior to enrolling in 4-credit performance studies second semester.
      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 24
         Performance Major Studies 4
         Advanced Form and Analysis 2
         Band Arranging 2
         Choral and Instrumental Conducting 2
         Counterpoint 4
         Keyboard Harmony and Basic Improvisation 4
         Music Composition 4
         Senior Recital 2
      d. Electives (Any Area) 19-22
      Total: 128

III. Music Education Emphasis Requirements

   a. General University and Basic Core Requirements 29-32
   b. Music Requirements: 40
      a. All Performance Majors will take 2 credits of Performance Studies the first semester Freshman Year and perform a 4-credit jury prior to enrolling in 4-credit performance studies second semester.
      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 24
         Performance Major Studies 4
         Advanced Form and Analysis 2
         Band Arranging 2
         Choral and Instrumental Conducting 2
         Counterpoint 4
         Keyboard Harmony and Basic Improvisation 4
         Music Composition 4
         Senior Recital 2
      d. Electives (Any Area) 19-22
      Total: 128
SCHOOL OF ARTS AND SCIENCES

Total: 128

1 Performance Emphasis Majors in Piano, Voice or Guitar will take 6 credits. Piano Majors will include 2 credits of accompanying.
2 Not required of Piano, Voice or Guitar Performance Emphasis Majors.
3 Required of Piano, Voice or Guitar Performance Emphasis Majors.

MASTER'S DEGREE IN SECONDARY EDUCATION*
MUSIC EMPHASIS

Admissions and Program
A. The Master’s Degree in Secondary Education, Music Education emphasis, is designed to meet the needs of the practicing junior high or high school music specialist. While teaching experience is not necessary in order to begin work on this degree, any applicant for the degree must either be currently certified as a secondary school music specialist, or agree to begin the process toward attaining this certification while working on the degree. Before Advancement to Candidacy can be granted, the student must ordinarily show eligibility for certification by the State of Idaho (or any other State). Admission will be granted to applicants who hold a bachelor’s degree from an accredited college or university, and who give promise of meeting the standards set by the Music Department.

B. All regular and provisional graduate students will be required to take diagnostic examinations during the first part of their first semester in attendance. The purpose of these examinations is to determine the student’s strengths and weaknesses so that the student and his committee will be able to set up a program according to the student’s needs. The examinations will be in the areas of music education, music theory, music history, and performance. The results of these examinations will be interpreted by the Music Department Faculty. The student’s Advisor will consult with the student about action towards remedying any deficiencies. Any undergraduate course used to make up the deficiencies will not count toward the Master’s Degree. A student who has any deficiencies will be granted Provisional Status only, in the graduate program; when all deficiencies are removed, he may then seek Regular Status. A description of the material covered on these examinations is available from the Music Department.

Course Offerings*
A. Required Courses
1. MU-503 Introduction to Research Materials in Music Education (3 credits)
2. MU-570 New Development in Music Education (3 credits)
3. Culminating activity** or additional course work (3-6 credits)
4. TE-560 Secondary Education Core courses (6 credits)
5. Total hours required (30-33 credits)

B. Elective Courses
Additional courses as planned by the student and his graduate committee.

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

** A thesis or final project.

COURSES

MA MUSIC APPLIED—PERFORMANCE STUDIES

Major Area practice requirements:
For 4 hrs. credit—18 hrs. practice per week.
For 2 hrs. credit—12 hrs. practice per week.

Minor Area Practice requirements:
For 2 hrs. credit—6 hrs. practice per week.

* 010 Concert Class (no credit). The class meets weekly. Required of all full-time Music Majors and Minors, but attendance is open to all persons. Minimum attendances 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. Prerequisite to all private lesson courses: Consent of Instructor.

Students planning to enroll in upper division performances 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
171, 371 Violin (2 credits). Each semester
172, 372 Violin (4 credits). Each semester
161, 361 Viola (2 credits). Each semester
162, 362 Viola (4 credits). Each semester
121, 321 Cello (2 credits). Each semester
122, 322 Cello (4 credits). Each semester
123, 323 String Bass (2 credits). Each semester
124, 324 String Bass (4 credits). Each semester

Guitar
125, 325 Guitar (2 credits). Each semester
126, 326 Guitar (4 credits). Each semester

127 Beginning Guitar Class (1 credit). This is a course in the technical fundamentals involved in playing the acoustical guitar for the beginner. Making use of popular and folk songs, the course is based on written notation and aural instruction, stressing chordal playing and correct posture and holding positions. Students are required to provide their own instrument. Meets twice a week. May be repeated once for credit. Each semester.

128 Intermediate Guitar Class (1 credit). A continuation of MA 127. Emphasis is given to understanding fret-board theory, reading musical notation for the guitar and solo playing. The concept of form levels is introduced and developed as it relates to upper position work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 127 or permission of instructor. Each 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 interpretative analysis and functional harmonic relationships. Theoretical principals of guitar transcriptions are covered and improvisation is introduced. Meets three times a week. Students must provide their own instrument. May be repeated once for credit. Prerequisite: MA 128 or permission of instructor. Either semester.

129 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 1900's. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 129 or permission of instructor. Either semester.

Brass
109, 309 Applied Brass (2 credits). Each semester
110, 310 Applied Brass (4 credits). Each semester
111, 311 Horn (2 credits). Each semester
112, 312 Horn (4 credits). Each semester
113, 313 Trombone (2 credits). Each semester
114, 314 Trombone (4 credits). Each semester
115, 315 Trumpet (or Baritone) (2 credits). Each semester
116, 316 Trumpet (or Baritone) (4 credits). Each semester
117, 317 Tuba (2 credits). Each semester
118, 318 Tuba (4 credits). Each semester

Woodwinds
189, 389 Applied Woodwinds (2 credits). Each semester
190, 390 Applied Woodwinds (4 credits). Each semester
191, 391 Bassoon (2 credits). Each semester
192, 392 Bassoon (4 credits). Each semester
193, 393 Clarinet (2 credits). Each semester
194, 394 Clarinet (4 credits). Each semester
195, 395 Flute (2 credits). Each semester
196, 396 Flute (4 credits). Each semester
197, 397 Oboe (or English Horn) (2 credits). Each semester
198, 398 Oboe (or English Horn) (4 credits). Each semester
199, 399 Saxophone (2 credits). Each semester
200, 400 Saxophone (4 credits). Each semester

Organ
131, 331 Organ (2 credits). Each semester. Prerequisite: Level 3 Piano proficiency.
132, 332 Organ (4 credits). Each semester. Prerequisite: Level 3 Piano proficiency.

Percussion
141, 341 Percussion (2 credits). Each semester
142, 342 Percussion (4 credits). Each semester
SCHOOL OF ARTS AND SCIENCES

Private lesson study in voice or on keyboard, string, wind or percussion instruments.

Students will be assigned on the basis of the audition. Performance, technical study, musical interpretation, literature and teaching technique will be stressed.

All MA-500 level courses are repeatable for credit to a maximum of 6 credits.

MA 580 Applied Brass .................................................. (2 credits)
MA 581 Applied Strings .................................................. (2 credits)
MA 582 Applied Keyboard.............................................. (2 credits)
MA 583 Applied Percussion ............................................ (2 credits)
MA 584 Applied Voice ................................................... (2 credits)
MA 585 Applied Woodwinds ............................................ (2 credits)
MA 586 Applied Oboe, Clarinet, Saxophone, Bassoon, Recorder

All ME Courses may be repeated for credit up to the maximum allowable as stated in the course descriptions.

101, 301 University Singers (1 credit). A general chorus open to all college students. No audition is necessary. Major choral works from all periods will be sung. Public Performance(s) will be expected each semester. Concurrent enrollment in ME 105, 350 prohibited. Maximum credits: ME 101 and/or ME 301, 8 cr. Each semester.

102, 352 Masteringers (1 credit). Essentially a course in unaccompanied singing which is open to all college students. The Masteringers is the concert-touring choirmen of the University. Concurrent enrollment in ME 101, 301 is prohibited. Prerequisite: EnrolIment is by audition. Credit awarded by the Music Department approval. Maximum credits: ME 102, and/or ME 352, 8 cr. Each semester.

110, 310 Vocal Ensemble (1 credit). A course designed to promote participation in the performance knowledge of music for small vocal ensembles. Literature will include music of all periods. Varying groups will be established as demand warrants. A public performance can be expected each semester. Prerequisite: Permission of instructor and concurrent enrollment in ME 101, 301 or ME 105, 350. Maximum credits: ME 110, and/or ME 310, 8 cr. Each semester.

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

125, 325 Brass Ensemble (1 credit). A course designed to promote participation in and repertoire knowledge of brass ensemble. Includes performance of Dowland, be-bop, swing, big-band jazz, rock, and contemporary concert jazz. Class rehearsals will include study and discussion of concepts of breath control, improvisation, ear training, and chord construction in jazz. A public performance will be required each semester. Prerequisite: Permission of instructor. Credit awarded by the Music Department approval. Maximum credits: ME 125, and/or ME 325, 8 cr. Each semester.

126, 336 Jazz Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of jazz ensemble. Includes performance of Dixieland, be-bop, swing, big-band jazz, rock, and contemporary concert jazz. Class rehearsals will include study and discussion of concepts of breath control, improvisation, ear training, and chord construction in jazz. A public performance will be required each semester. Prerequisite: Permission of instructor. Credit awarded by the Music Department approval. Maximum credits: ME 126, and/or ME 326, 8 cr. Each semester.

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

131, 331 String Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of string ensembles. A public performance is required each semester. Maximum credits: ME 131, and/or ME 331, 8 cr. Each semester.

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

141-341 Keyboard Percussion Ensemble (1 credit). In conjunction with the preparation of music for public performance, students will acquire an enlarged hand knowledge of keyboard percussion instruments. Prerequisite: Permission of instructor. Credit awarded by the Music Department approval. Maximum credits: ME 141, and/or ME 341, 8 cr. Each semester.

150, 350 Orchestra (1 credit). The Boise State University Community Symphony is composed of students and experienced musicians of the community and prepares several concerts each season from the standard symphonic repertoire. An elective for personal or professional pleasure. Prerequisite: Permission of instructor. Credit awarded by the Music Department approval. Maximum credits: ME 150, and/or ME 350, 8 cr. Each semester.

160, 360 String Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of small string ensembles. A public performance is required each semester. Maximum credits: ME 160, and/or ME 360, 8 cr. Each semester.

167, 367 Guitar Ensemble (1 credit). A course designed to promote playing in and repertoire knowledge of ensembles of string and/or including guitar(s). Prerequisite: Permission of instructor. Credit awarded by the Music Department approval. Maximum credits: ME 167, and/or ME 367, 8 cr. Each semester.

Graduate

510 Choral Ensemble (1 credit). A general chorus open to all interested students. The format of the class will be directly related to the size of enrollment; i.e., choir, chamber ensemble, or collegeium musicum.

520 Instrumental Ensemble (1 credit). A performing group or groups will be formed, dependent on the size of enrollment, such as trios, quartets, band, or orchestra. Opportunities to perform ensemble music of various kinds will be given. Medieval, Renaissance, Baroque, Classic, Romantic and Contemporary music will be performed in groups from trios up to and including band and orchestra. Emphasis will be placed on techniques of ensemble playing, intonation, phrasing, articulation and proper performance practices of ensemble literature.

MU MUSIC, GENERAL

Lower Division

101 Music Fundamentals (2 credits). Primarily for Education Department students, but open to all non-music majors. Learning to read music through study of music notation symbols, study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced. A remedial course for music majors.

102 Elements of Music (2 credits). Intended primarily for music majors, this course is open to anyone interested in acquiring knowledge in or upgrading their understanding of fundamental structures of music notation, scales, intervals, rhythmic patterns, etc. The course is designed for students aspiring to be music majors but lack the necessary fundamentals background.

119 Materials of Music I (3 credits). This course includes music fundamentals (notation, intervals, triads, scales and modes, key signatures), melodic cadences, aspects, with emphasis on aural and visual recognition, analysis and compositional skills involving the above. Prerequisite: piano proficiency to play simple melodies and harmonize, and/or concurrent enrollment in piano study, or permission of the instructor.

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 varied forms, and modern styles; contrapuntal techniques; modulations and modulation; and conceptions of style, phrasing and harmony. Emphasis is on understanding and usage of compositional skills involved in the above. Prerequisite: MU 119 or equivalent competency and piano as per MU 119. Spring semester.

121-122 Ear Training I-II (1 credit). A course designed to correlate with Materials of Music I and II and which emphasizes aural training in the recognition of major and minor) and all intervals. The course includes drill in sight-singing and singing leading up to aural recognition of 3-and 4-part (at least four hour per week) and more for advanced students.

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

147 Survey of Opera and Music Theatre (1 credit). An historical survey of the development and growth of opera and music theatre through chronological study of scores, recording, filmstrips, and literature. The course includes study and discussion of the opera form, the oratorio, and contemporary period to Contemporary Modern Opera and Music Theatre compositions. Required of voice majors. Meets twice a week. Fall semester.

150 Materials of Music III (3 credits). This course is a continuation of 4-part textures begun in MU 120. It includes diatonic sonorities and their use in altered chords, the augmented sixth and Neapolitan chords; cadence figures; techniques; rhythm and analysis, modulation of aural and visual recognition.
SCHOOL OF ARTS AND SCIENCES

1. SKILLS INVOLVING THE ABOVE. PREREQUISITE: MU 120 OR EQUIVALENT COMPETENCY AND PIANO AND pipe MU 119. FALL SEMESTER.

2. MATERIALS OF MUSIC IV (3 CREDITS). THIS COURSE INCLUDES INTRODUCTION TO INVENTION AND HARMONIC TECHNIQUES, DEVELOPMENT OF COUNTERPOINT, THIRTEENTH AND FOURTEENTH CENTURIES, FOURTEENTH AND FIFTEENTH CENTURIES, SIXTEENTH, SEVENTEENTH, AND EIGHTEENTH CENTURIES, FOURTEENTH THROUGH MODERN, MODERN COMPOSITION, AND MODERN TECHNIQUES.

3. TECHNIQUES OF CHORAL CONDUCTING. THIS COURSE DEPENDS ON METHODS AND MATERIALS OF TEACHING THE VARIOUS CHORAL INSTRUMENTS IN THE PUBLIC SCHOOLS, PROVIDING THE STUDENT WITH A BASIC TECHNICAL PERFORMANCE EXPERIENCE ON TWO OR MORE OF THE VARIOUS CHORAL INSTRUMENTS: VIOLIN, VIOLA, AND BARITONE. BEGINS EACH SEMESTER. FELL SEVERAL TIMES A SEMESTER. FALL SEMESTER.

4. BASIC CONDUCTING (1 CREDIT). FUNDAMENTAL TECHNIQUES OF CONDUCTING: BACHTE CHORDS, HARMONY, AND SERIAL TECHNIQUES, SINGING AND INSTRUMENTAL TECHNIQUES. METS TWICE A WEEK. PREREQUISITE: MATERIALS OF MUSIC II MUS L 120 AND BEGINNING EAR TRAINING MUS L 121. EITHER SEMESTER.

5. WOODWIND TECHNIQUES AND METHODS (2 CREDITS). PREREQUISITE: MUSIC MAJORS COULD DEPEND ON MATERIALS OF WOODWIND INSTRUMENTS IN THE PUBLIC SCHOOLS, PROVIDING THE STUDENT WITH A BASIC TECHNICAL PERFORMANCE EXPERIENCE ON THE BAND INSTRUMENTS: TROMBONE, TRUMPET, AND French horn. MEETS THREE TIMES A WEEK. FALL SEMESTER.

6. ORIENTATION TO MUSIC EDUCATION (1 CREDIT). A LOOK AT SCHOOL MUSIC PROGRAMS TO INCLUDE SINGING AND INSTRUMENTAL TECHNIQUES, ELEMENTARY CHORD THEORY, PROFESSIONAL SKILLS, AND THE GENERAL STUDENT IN ELEMENTARY SCHOOLS. INCLUDED IN THE COURSE WILL BE PLANNING AND EVALUATION OF CLASSROOM AND GENERAL MUSIC, MUSIC APPRECIATION COURSES, AND THE USE OF MUSIC IN RELATED ARTS AND HUMANITIES COURSES.

7. 20TH CENTURY MUSICAL STUDIES (3 CREDITS). THIS COURSE IS DESIGNED TO INTRODUCE THE STUDENT TO THE DEVELOPMENT OF MODERN MUSIC, INCLUDING THE EFFECTS OF MODERNISM ON MUSIC AND ITS HISTORY. MEETS TWO TIMES A WEEK. PREREQUISITES: MATERIALS OF MUSIC IV MUS L 120, AND BEGINNING EAR TRAINING MUS L 121. EITHER SEMESTER.

8. ANALYSIS AND LITERATURE OF THE TWENTIETH-CENTURY (3 CREDITS). STYLES AND CHARACTERISTICS OF MUSIC FROM THE LAST DECADE OF THE PRESENT TO THE PRESENT. STUDENTS WILL BE REQUIRED TO PERFORM ONE SEMESTER OR TWO SEMESTERS IN THIS COURSE. MEETS THREE TIMES A WEEK. FALL SEMESTER.

9. HISTORY AND LITERATURE OF THE BAROQUE ERA (2 CREDITS). STUDENTS WILL BE REQUIRED TO PERFORM ONE SEMESTER. MEETS THREE TIMES A WEEK. FALL SEMESTER.

10. HISTORY AND LITERATURE OF THE CLASSIC ERA (2 CREDITS). WORKS FROM THE EARLY CLASSICAL PERIOD TO THE MODERN ERA. THE DEVELOPMENT OF HARMONY, HARMONY, AND SERIAL TECHNIQUES, AND THE GENERAL STUDENT IN ELEMENTARY SCHOOLS. INCLUDED IN THE COURSE WILL BE PLANNING AND EVALUATION OF CLASSROOM AND GENERAL MUSIC, MUSIC APPRECIATION COURSES, AND THE USE OF MUSIC IN RELATED ARTS AND HUMANITIES COURSES. THE STUDENT WILL BE REQUIRED TO PERFORM ONE SEMESTER OR TWO SEMESTERS IN THIS COURSE. MEETS THREE TIMES A WEEK. FALL SEMESTER.

11. CHEMISTRY OF MUSICAL INSTRUMENTS AND THEIR TEXTURES IN VARIOUS COMBINATIONS. PREREQUISITE: MATERIALS OF MUSIC IV MUS L 120. SPRING SEMESTER.

12. 20TH CENTURY MUSICAL STUDIES (3 CREDITS). THIS COURSE IS DESIGNED TO INTRODUCE THE STUDENT TO THE DEVELOPMENT OF MODERN MUSIC, INCLUDING THE EFFECTS OF MODERNISM ON MUSIC AND ITS HISTORY. MEETS TWO TIMES A WEEK. PREREQUISITES: MATERIALS OF MUSIC IV MUS L 120, AND BEGINNING EAR TRAINING MUS L 121. EITHER SEMESTER.

13. ELABORATION OF TECHNIQUES OF CHORAL CONDUCTING. STUDENTS WILL WORK WITH ENSEMBLE GROUPS AS LABORATORIES FOR CONDUCTING EXPERIENCE. MEETS TWICE A WEEK. PREREQUISITES: BASIC CONDUCTING MUS L 261. FALL SEMESTER.

14. INSTRUMENTAL CONDUCTING (1 CREDIT). A COURSE DESIGNED TO DEAL WITH THE PROBLEMS OF INSTRUMENTAL CONDUCTING. INCLUDES BACHTE TECHNIQUES AND SCORING. STUDENTS WILL WORK WITH ENSEMBLE GROUPS AS LABORATORIES FOR CONDUCTING EXPERIENCE. MEETS TWICE A WEEK. PREREQUISITES: BASIC CONDUCTING MUS L 261. SPRING SEMESTER.

15. PERCUSSION TECHNIQUES AND METHODS (2 CREDITS). PRIMARY FOR MUSIC EDUCATION MAJORS. THIS COURSE DEPENDS ON METHODS AND MATERIALS OF TEACHING THE VARIOUS PERCUSSION INSTRUMENTS IN THE PUBLIC SCHOOLS, WHILE PROVIDING THE STUDENT WITH THE BASIC PERFORMING SKILLS OF THE PERCUSSION INSTRUMENTS.

16. BRASS TECHNIQUES AND METHODS (2 CREDITS). PRIMARY FOR MUSIC EDUCATION MAJORS. THIS COURSE DEPENDS ON METHODS AND MATERIALS OF TEACHING THE VARIOUS BRASS INSTRUMENTS IN THE PUBLIC SCHOOLS, WHILE PROVIDING THE STUDENT WITH THE BASIC PERFORMING SKILLS OF THE BRASS INSTRUMENTS.

17. GUITAR FOR CLASSROOM TEACHERS (2 CREDITS). A COURSE DESIGNED FOR TEACHERS OR PROFESSIONAL MUSIC TEACHERS. THIS COURSE WILL DEPEND ON METHODS AND MATERIALS OF TEACHING THE GUITAR TO STUDENTS. MEETS THREE TIMES A WEEK. SPRING SEMESTER.

18. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: MUSIC MATERIALS MUS L 101 OR EQUIVALENT. EACH SEMESTER.

19. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.

20. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.


22. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.

23. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.

24. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.

25. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.

26. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.

27. TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2 CREDITS). DESIGNED FOR THE MUSIC EDUCATION MAJOR. THIS COURSE WILL DEPEND ON MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY CLASSROOM. MEETS TWO TIMES A WEEK. PREREQUISITES: Music Materials MUS L 101 OR EQUIVALENT. EACH SEMESTER.
will be surveyed and examined for use in the classroom. New media approaches will be introduced for the building of concepts of music perception. Ways of integrating listening works with singing activities through a conceptual approach will be stressed. Also emphasized will be ways of correlating musical activities with the areas of literature, painting, sculpture and architecture. Students will be directly involved in teaching lessons within the class. Prerequisites: Public School Music, MU 371, experience in general or special classroom teaching, or consent of instructor, fall semester.

573 Advanced Methods and Techniques for the Instrumental Instructor (3 credits). A study of causes and solutions for problems occurring in the instrumental rehearsal. Areas to be covered include musical methods and techniques, rehearsal techniques, organization and repertoire planning.

574 Advanced Methods and Techniques for the Choral Instructor (3 credits). A study of causes and solutions for problems occurring in the choral rehearsal. Areas to be covered include musical methods and techniques, rehearsal techniques, organization and repertoire planning.

575 Administration of School Music (3 credits). A seminar in problems of music supervision and administration covering areas such as budget, scheduling, curriculum, personnel, and philosophy.

591 Culminating Project (3 credits). A project may be defined as, but is not limited to any of the following:

A. A library research paper which fits the educational needs of the student.

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

C. A lecture/recital with a written paper discussing aspects of music which is performed, stylistic considerations, etc.

D. A written examination on five questions chosen by the student's committee chairman from a list of twenty submitted by the student.

593 Thesis (6 credits). A scholarly paper embodying results of original research which are used to substantiate a specific view.

DEPARTMENT OF PHYSICS ENGINEERING AND PHYSICAL SCIENCE

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

ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS degree in engineering is 4 years and the following program is designed to do this along with 2 years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take 4 1/2, 5 years or more to earn the degree. Therefore, a convenient option based on 3 years at BSU followed by 1 1/2 years at Idaho U. is available and students may consult an engineering advisor about this program. This 5-year option is also advised for students needing to work while attending school. Engineering curricula are very similar all over the country and students can readily transfer to other engineering colleges. Students should consult their advisor about possible program modifications if they plan to go to some school other than University of Idaho to complete their degree.

COMMON FRESHMAN YEAR: (All Engineering Majors)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E 101-102)</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry (C 131-132-133)</td>
<td>4</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M-204-205)</td>
<td>5</td>
</tr>
<tr>
<td>Engineering Fundamentals (EN 107-108)</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming (EN 104)</td>
<td>2</td>
</tr>
<tr>
<td>Physics I (PH 220)</td>
<td>—</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
</tbody>
</table>

17 16

1ST SEM. 2ND SEM.

COMMON SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics II and III (PH 211-222)</td>
<td>3</td>
</tr>
<tr>
<td>Wave Motion and Heat Lab (PH 223)</td>
<td>1</td>
</tr>
<tr>
<td>Electricity and Magnetism Lab (PH 224)</td>
<td>—</td>
</tr>
<tr>
<td>Humanistic-Social Elective</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Mechanics (EN 205)</td>
<td>3</td>
</tr>
<tr>
<td>Systems and Circuits I &amp; II (EN 221, EN 222)</td>
<td>3</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M 206)</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Engineering Math (M 321)</td>
<td>—</td>
</tr>
<tr>
<td>(Branch Variation—See Below)</td>
<td>—</td>
</tr>
</tbody>
</table>

17 17-18

*Civil Engineers not required to take EN 223.

**During first semester, Chemical Engineers substitute C-217, Civil Engineers substitute C-215.

Branch Variations:

Agricultural Engineering

Dynamics of Rigid Bodies (EN 203) 2

Civil Engineering

Dynamics of Rigid Bodies (EN 206) 2

Engineering Measurements (EN 216) 2

Elective (See Advisor) 3

7

Mechanical Engineering

Dynamics of Rigid Bodies (EN 206) 2

Chemical Engineering

Organic Chemistry (C 317) 3

Principles of Economics (EC 201) 3

6

Electrical Engineering

Engineering Science Elective 3

JUNIOR YEAR:

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

PHYSICS

The scope of the program will be applied. However, flexibility is to be maintained in order to direct the student toward his desired objectives. If the student is interested in going on into graduate physics more math and some independent study in quantum physics would be recommended. Depending on the particular field of interest in physics, the student could select electives in biology, chemistry, math or geophysics.

Requirements for a Physics Major

1. Liberal Arts Option

   (See Pages 23-25)

2. Major Requirements

   Physics I-III, PH 220, 221 & 222

   Physics Lab I & II, PN 223, 224

   Electronics Lab, PH 301

   Transducers, PH 304

   Lab Microprocessor Applications, PH 307

   Modern Physics, PH 311, 312

   Mechanics, PH 341

   Electricity & Magnetism, PH 381, 382

   Advanced Topics, PH 422

   Credits: 98
SCHOOL OF ARTS AND SCIENCES

II. Secondary Option Credits

1. General College Requirements 30
2. Major Requirements 78
   A. Physics 88
      Physics I-III 9
      Physics Lab I & II 2
      Intro to Descriptive Astronomy 4
      Biophysics 4
      Modern Physics 6
      Optics 4
      Electronics Lab 3
      Senior Lab 3
      Independent Study on modern ideas on learning 3
B. Engineering 5
   Computer Programming 2
   Thermodynamics 3
   Design Projects 3
   M 204, 205, 206 13
   Engineering Math, M 321 or
   Differential Equations, M 331 4
   Numerical Analysis, M 340 4

A. Physics
   Physics I-III 9
   Physics Lab I & II 2
   Intro to Descriptive Astronomy 4
   Biophysics 4
   Modern Physics 6

B. Engineering
   Computer Programming 2
   Thermodynamics 3
   Design Projects 3

C. Math
   Calculus Sequence, M 204, 205, 206 13
   Engineering Math, M 321 or
   Differential Equations, M 331 4
   Numerical Analysis, M 340 4

With consent of advisor and chairman, substitutions can be made for not more than 6 hours of the above from the area of biology, chemistry, math, engineering or geophysics.

D. Chemistry

E. Recommended Electives 8

(Suggested Program for a Bachelor of Science Degree in Physics)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101, 102 English Comp.</td>
<td>3 3</td>
</tr>
<tr>
<td>College Chemistry (C 131, 132, 133, 134)</td>
<td>4 5</td>
</tr>
<tr>
<td>Calculus &amp; Anal. Geometry (M 204, 205)</td>
<td>5 4</td>
</tr>
<tr>
<td>Digital Computer Programming (EN 104)</td>
<td>2 4</td>
</tr>
<tr>
<td>Physics I (PH 220)</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II Requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Physics II &amp; III (PH 221, 222)</td>
<td>3 3</td>
</tr>
<tr>
<td>Wave Motion &amp; Heat Lab (PH 223)</td>
<td>1 1</td>
</tr>
<tr>
<td>Electricity &amp; Magnetism Lab (PH 224)</td>
<td>1 1</td>
</tr>
<tr>
<td>Systems &amp; Circuits I &amp; II (EN 221, 223)</td>
<td>3 4</td>
</tr>
<tr>
<td>Calculus &amp; Anal. Geometry (M 206)</td>
<td>4 2</td>
</tr>
<tr>
<td>Advanced Engineering Math (M 321)</td>
<td>2 3</td>
</tr>
<tr>
<td>Applied Programming (EN 225)</td>
<td>2 3</td>
</tr>
<tr>
<td>Area I or II Requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Modern Physics (PH 311, 312)</td>
<td>3 3</td>
</tr>
<tr>
<td>Electronics Lab (PH 301)</td>
<td>3 3</td>
</tr>
<tr>
<td>Transducers (PH 304)</td>
<td>2 2</td>
</tr>
<tr>
<td>Laboratory Microprocessor Applications (PH 307)</td>
<td>3 3</td>
</tr>
<tr>
<td>Thermodynamics (EN 320)</td>
<td>3 3</td>
</tr>
<tr>
<td>Optics (PH 331)</td>
<td>4 4</td>
</tr>
<tr>
<td>Numerical Analysis (M 340)</td>
<td>4 4</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Electricity &amp; Magnetism (PH 381, 382)</td>
<td>3 3</td>
</tr>
<tr>
<td>Mechanics (PH 341)</td>
<td>4 4</td>
</tr>
<tr>
<td>Senior Lab (PH 481)</td>
<td>3 3</td>
</tr>
<tr>
<td>Advanced Topics (PH 422)</td>
<td>3 3</td>
</tr>
<tr>
<td>Electives</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Physics Seminar (PH 499)</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Optics</td>
<td>4 4</td>
</tr>
<tr>
<td>Electronics Lab</td>
<td>3 3</td>
</tr>
<tr>
<td>Senior Lab</td>
<td>3 3</td>
</tr>
<tr>
<td>Independent Study on modern ideas on learning</td>
<td>3 3</td>
</tr>
<tr>
<td>Computer Programming</td>
<td>2 2</td>
</tr>
<tr>
<td>Thermodynamics</td>
<td>3 3</td>
</tr>
<tr>
<td>Design Projects</td>
<td>3 3</td>
</tr>
<tr>
<td>M 204, 205, 206</td>
<td>13 13</td>
</tr>
<tr>
<td>Engineering Math</td>
<td>4 4</td>
</tr>
<tr>
<td>M 204 Calculus and Analy. Geom.</td>
<td>5 5</td>
</tr>
<tr>
<td>EN 101 Technical Drawing</td>
<td>2 2</td>
</tr>
<tr>
<td>PO 102 State &amp; Local Gov.</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 104 Digital Comp. Prog.</td>
<td>3 3</td>
</tr>
<tr>
<td>Area II Elective</td>
<td>3 3</td>
</tr>
<tr>
<td>M 205 Calculus &amp; Analy. Geom.</td>
<td>3 3</td>
</tr>
<tr>
<td>PH 220 Physics I—Mechanics</td>
<td>3 3</td>
</tr>
<tr>
<td>EC 201 Principles of Economics</td>
<td>3 3</td>
</tr>
<tr>
<td>AC 205 intro. to Financial Acct.</td>
<td>3 3</td>
</tr>
<tr>
<td>GB 202 Business Law I</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 205 intro. to Mechanics</td>
<td>3 3</td>
</tr>
<tr>
<td>PH 222 Physics III—Elect. &amp; Mag.</td>
<td>3 3</td>
</tr>
<tr>
<td>EC 202 Principles of Economics</td>
<td>3 3</td>
</tr>
<tr>
<td>AC 206 intro. to Managerial Acct.</td>
<td>3 3</td>
</tr>
<tr>
<td>GB 207 Statistical Tech. for</td>
<td>3 3</td>
</tr>
<tr>
<td>Decision Making</td>
<td>1 1</td>
</tr>
<tr>
<td>PH 224 Elect. &amp; Mag. Lab</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 215 Basic Surveying</td>
<td>2 2</td>
</tr>
<tr>
<td>CO 346 Concepts, Plans, Specifications</td>
<td>3 3</td>
</tr>
<tr>
<td>AC 351 Cost Acct.</td>
<td>3 3</td>
</tr>
<tr>
<td>MG 301 Principles of Manag.</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 306 Mech. of Materials</td>
<td>3 3</td>
</tr>
<tr>
<td>CO 370 Cost Est. &amp; Bidding</td>
<td>3 3</td>
</tr>
<tr>
<td>Fi 303 Prin. of Finance</td>
<td>3 3</td>
</tr>
<tr>
<td>Electives</td>
<td>4 4</td>
</tr>
<tr>
<td>MG 330 Labor Law</td>
<td>3 3</td>
</tr>
<tr>
<td>MK 301 Basic Marketing Management</td>
<td>3 3</td>
</tr>
<tr>
<td>CO 374 Construction Operation</td>
<td>3 3</td>
</tr>
</tbody>
</table>

CONSTRUCTION MANAGEMENT
(Bachelor of Science Requirements)

This program is offered for the first time in the 1977 Fall semester. The upper division Construction Management courses (designated as CO) will be offered, subject to funding, beginning in Fall 1979. Excluding the 2 Econ. Courses, no more than 36 hrs. may be taken from School of Business courses.

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 205 Calculus &amp; Analy. Geom.</td>
<td>3 3</td>
</tr>
<tr>
<td>PH 220 Physics I—Mechanics</td>
<td>3 3</td>
</tr>
<tr>
<td>EC 201 Principles of Economics</td>
<td>3 3</td>
</tr>
<tr>
<td>AC 205 intro. to Financial Acct.</td>
<td>3 3</td>
</tr>
<tr>
<td>GB 202 Business Law I</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 205 intro. to Mechanics</td>
<td>3 3</td>
</tr>
<tr>
<td>PH 222 Physics III—Elect. &amp; Mag.</td>
<td>3 3</td>
</tr>
<tr>
<td>EC 202 Principles of Economics</td>
<td>3 3</td>
</tr>
<tr>
<td>AC 206 intro. to Managerial Acct.</td>
<td>3 3</td>
</tr>
<tr>
<td>GB 207 Statistical Tech. for</td>
<td>3 3</td>
</tr>
<tr>
<td>Decision Making</td>
<td>1 1</td>
</tr>
<tr>
<td>PH 224 Elect. &amp; Mag. Lab</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 215 Basic Surveying</td>
<td>2 2</td>
</tr>
<tr>
<td>CO 346 Concepts, Plans, Specifications</td>
<td>3 3</td>
</tr>
<tr>
<td>AC 351 Cost Acct.</td>
<td>3 3</td>
</tr>
<tr>
<td>MG 301 Principles of Manag.</td>
<td>3 3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3 3</td>
</tr>
<tr>
<td>EN 306 Mech. of Materials</td>
<td>3 3</td>
</tr>
<tr>
<td>CO 370 Cost Est. &amp; Bidding</td>
<td>3 3</td>
</tr>
<tr>
<td>Fi 303 Prin. of Finance</td>
<td>3 3</td>
</tr>
<tr>
<td>Electives</td>
<td>4 4</td>
</tr>
<tr>
<td>MG 330 Labor Law</td>
<td>3 3</td>
</tr>
<tr>
<td>MK 301 Basic Marketing Management</td>
<td>3 3</td>
</tr>
<tr>
<td>CO 374 Construction Operation</td>
<td>3 3</td>
</tr>
</tbody>
</table>

70
CO 320 Construction Equipment and Materials (3 credits). Characteristics, capabilities, limitations, and employment of general building and heavy construction equipment. Survey of conventional construction (building) materials and components. Emphasis is placed upon materials, specifications, uses, and applications. Fall semester.


350 Electrical and Mechanical Installations (3 credits). Fundamentals of electrical systems, light and power estimates, plumbing and sanitation, heating and air-conditioning. Spring semester.


417 Project Scheduling and Control (3 credits). Critical path method (CPM) as a construction planning, scheduling and management technique. Prerequisites: EN 104 and CO 374. Spring semester.

EN ENGINEERING

Lower Division

100 Energy for Society (4 credits). A course intended for students of all majors with no previous mathematics or science background necessary. A basic understanding of energy and how it has been put to use is developed to promote a better understanding of our present technological society. The roles which science and engineering have played in our historical progress is presented for students of all majors. Spring 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, orthogonal projections, sections, and sectional views. Spring semester.

104-M Digital Computer Programming (2 credits). Course for engineering, science, and mathematics majors to introduce turing programming principles and concepts. Prerequisite: M 106, M 111 or M 115. Fall semester.

107 Engineering Fundamentals (2 credits). An integrated course covering and relating such topics as professional and social responsibilities of the engineer, engineering computations, graphics and introduction to the design process. Two-hour lecture lab each week. Fall semester.

205 Introduction to Mechanics (3 credits). Covers basic statics including equilibrium, statics, centroids, moment of inertia plus dynamics by particle motion analysis. A study of particles including concepts of force, mass, acceleration, work, and energy. Prerequisite: M 115 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both EN 104 and M 124. Each week.


225 Applied Fortran Programming (2 credits). A general course to illustrate and practice relating to types of errors, distribution of errors and precision in measurement. Three lectures and one 1-hour laboratory period per week. Prerequisite: EN 221. Each week.

301 Fluid Mechanics (3 credits). Physical properties of fluids: fluid mechanics and measurement; viscous and turbulent flow, momentum, lift, drag, and boundary layer effects; flow of air and open channels. Three recitations per week. Prerequisites: Calculus M 206 and Intro to Mechanics EN 205. Spring semester.


320 Thermodynamics and Heat Transfer (3 credits). First and second laws of thermodynamics, thermodynamic processes; thermodynamic properties of fluids; 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.

382 Engineering Economy (3 credits). Economic analysis and comparison of engineering alternatives with applications to the evaluation of projects in professional and business situations. Fall semester.

PHYSICS

Lower Division

100 Foundations of Physical Science (4 credits). Selected concepts of matter and energy that have led to our current applications and interpretations into structures. Fall semester.

101-102 General Physics (4 credits). Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the Bachelor of Arts and Bachelor of Science Curricula, and may be taken by forestry, pre-dental and pre-med students. Three lectures and one 3-hour laboratory period per week. Prerequisites: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics (2 credits). An introduction to electrical, atomic, and nuclear physics. Prerequisites: Calculus M 105 or Calculus M 120. Fall semester.

104 Radiological Physics (3 credits). Application of electrical, atomic and nuclear physics to medical imaging. Three hours lecture and one 3-hour laboratory period per week. Prerequisite: PH 220. Must be taken concurrently with PH 221. Fall semester.

105 Introduction to Descriptive Astronomy (2 credits). A study of galaxies, stars and planets. An introduction to their physical relationships, beginning with our own solar system and moving outward. Three lectures and one two-hour laboratory per week. Spring semester.

207 Introduction to Biophysics (4 credits). An introduction to computer hardware programming and application to the biological sciences. Three lectures and one 2-hour laboratory period each week. Spring semester.

211 Physics II—Wave Motion and Heat (3 credits). Wave motion on strings, acoustical phenomena, geometric 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: M 112. Must be taken concurrently with M 205. Either semester.

221 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. Must be taken concurrently with PH 223. Either semester.

222 Physics III—Electricity and Magnetism (3 credits). Coulomb's Law, electric fields, magnetic fields, magnetic induction and simple circuits. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH 220. Must be taken concurrently with PH 223. Either semester.

223 Wave Motion and Heat Lab (1 credit). A lab designed to be taken concurrently with PH 221. Basic experiments on wave motion, sound, optics and heat. One 3-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 221. Either 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 instru-
SCHOOL OF ARTS AND SCIENCES

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

Upper Division

304 Transducers (2 credits). A course designed to acquaint the student with some of the more common laboratory sensing devices which are used in converting non-electrical signals into electrical signals in order that measurements can be made. One 1-hour lecture and one 3-hour lab per week. Prerequisite PH 222 and PH 224. Fall semester.

307 Laboratory Microprocessor Applications (3 credits). A lecture/laboratory course designed to provide the student with the necessary skills to utilize a preassembled microprocessor system for data acquisition and control. Two 1-hour lectures and one 3-hour lab per week. Prerequisite PH 301. Spring semester.

311-312 Modern Physics (3 credits). A brief introduction to the special theory of relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic and nuclear physics, and properties of matter. Three lectures per week. Prerequisite PH 221, PH 222, C 132, Corequisite M 321 or M 331. Each semester.

331 Optics (4 credits). An upper division course stressing the applied facets of optics such as the use of various optical components for analysis and measurements in the visible region of the electromagnetic spectrum. Three 1-hour lectures and one 3-hour lab per week. Prerequisites: PH 221 and PH 222. Either semester.

341 Mechanics (4 credits). An upper division course which approaches classical mechanics with the aid of vector calculus and differential equations. Numerical techniques and computer applications will be used. Four 1-hour lectures per week. Prerequisites: M 340 and PH 220. Fall semester.

381-382 Electricity and Magnetism (3 credits). Electrostatic fields, potentials, Gauss' law, solutions of Laplace's equation, electrostatics of conductors and dielectric materials, magnetic materials, vector potentials, Maxwell's equations, and electromagnetic radiation. Three one-hour lectures per week. Prerequisites: PH 221, PH 222 and M 321 or M 331. Each semester.

422 Advanced Topics (3 credits). Selected topics from the major fields of physics such as Astrophysics, Nuclear, Solid State, Solar Applications, Biophysics, Medical Physics. Prerequisite: Upper division standing and consent of the instructor, and possibly specific courses depending on topic.

481 Senior Lab (3 credits). A senior laboratory course designed to acquaint the student with concepts of modern physics, laboratory techniques and measurements. Two 3-hour labs per week. Prerequisite: PH 312. Fall semester.

482 Senior Project (1 or 2 credits). Elective. A sophisticated laboratory project in some area of physics. Prerequisite: PH 481. Spring semester.

499 Physics Seminar (1 credit). Individual reports on selected topics. Senior status.
DEPARTMENT OF POLITICAL SCIENCE

Chairman and Professor: Dr. Williard M. Overgaard; Professors: Stiller, Donohue; Assistant Professors: Brinton, Fry, Raymond, Schoedinger, Instructors: Moncrief, Kinney, Mabbutt; Assistant Professor Emeritus: Peterson; Special Lecturers: Kuykendall, Harbison.

The program of the Department of Political Science is designed to provide the student with a knowledge of political values, of the American political system, of the political systems of other areas of the world, and of international politics and institutions; to provide an understanding of the interactions of institutions, groups, and the individual within the framework of the diverse political systems and political relationships; to develop a comprehension of the methodology relevant to the discipline of Political Science in the various substantive areas of concentration, including political philosophy, American governmental systems and processes, political behavior, comparative government and politics, international relations, and public law; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student’s understanding of the political environment on the local, national, and international levels.

The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the College offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

A Master’s of Public Administration degree program is also offered through the Department of Political Science.

REQUIREMENTS FOR POLITICAL SCIENCE MAJOR

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:

1. Political Philosophy

SCHOOL OF ARTS AND SCIENCES

II. American Governmental Systems and Processes
III. International Relations
IV. Public Administration
V. Political Science

As an additional option, major emphasis in Political Science is provided in teacher education preparation.

Social Science Secondary Education

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101</td>
<td>3 credits</td>
</tr>
<tr>
<td>PO 141</td>
<td>3 credits</td>
</tr>
<tr>
<td>PO 229</td>
<td>3 credits</td>
</tr>
<tr>
<td>PO 231</td>
<td>3 credits</td>
</tr>
<tr>
<td>PO 498</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

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

At least 3 Semester credits in Western Political Theory required. PO A.G. 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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Upper Division Courses (33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 301 Parties, Electoral Process and Interest Groups</td>
<td>3</td>
</tr>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 441 Western Political Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PO 445 Western Political Theory II</td>
<td>3</td>
</tr>
<tr>
<td>PO 451 Comparative Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

Political Science electives: 12

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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 102 State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 221 Public Opinion and Voting Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Upper Division Courses (27 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 301 American Parties and Interest Group Politics</td>
<td>3</td>
</tr>
</tbody>
</table>
SCHOOL OF ARTS AND SCIENCES

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.

B. Political Science Major Requirements (45 credits)

1. Lower Division Courses (12 credits)

PO 101 American National Government .... 3 credits
PO 141 Contemporary Political Ideologies .... 3
PO 229 Comparative European Governments and Politics .... 3
PO 231 International Relations .... 3

2. Upper Division courses (33 credits)

PO 311 Comparative Foreign Policy .... 3 credits
PO 324 Comparative Communist Party State Systems .... 3
PO 333 Comparative Governments and Politics of the Developing Nations .... 3
PO 335 United States Foreign Policy .... 3
PO 421 International Law .... 3
PO 422 International Organization .... 3
PO 451 Comparative Legal Systems .... 3
PO 498 Senior Seminar (Scope and Methods of Pol. Sci.) .... 3
Political Science Electives .... 9

IV. Political Science—Public Administration emphasis

As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as public administration and economics, public administration and sociology, public administration and psychology, 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 (15 credits)

PO 101 American National Government .... 3 credits
PO 102 State and Local Government .... 3
PO 141 Contemporary Political Ideologies .... 3
PO 229 Comparative European Government and Politics .... 3
PO 231 International Relations .... 3

2. Upper Division courses (30 credits)

PO 303 Introduction to Public Administration .... 3 credits
PO 310 Public Finance .... 3
PO 320 American Policy Processes .... 3
PO 465 Comparative Public Administration .... 3
PO 467 Administrative Law .... 3
PO 469 Intergovernmental Relations .... 3
PO 487 Organization Theory and Bureaucratic Structure .... 3
Political Science Electives .... 9

V. Political Science—Social Science Secondary Education Option

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

30 Credit Hour Program—24 credit hours required courses:

PO 101 American National Government .... 3 credits
PO 102 State & Local Government .... 3
PO 221 Public Opinion and Voting Behavior .... 3
PO 231 International Relations .... 3
PO 229
324 or
333 Comparative Government .... 6
PO 331
441 or
442 Political Theory .... 6

24

Plus upper division Political Science electives .... 6

15 Credit Hour Emphasis—9 credit hours required courses:

PO 101 American National Government .... 3 credits
PO 231 International Relations .... 3
PO 331 and/or
442 Political Theory .... 3-6

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

15

THE DEGREE OF MASTER OF PUBLIC ADMINISTRATION

Department of Political Science

The Master's degree in Public Administration is an inter-university cooperative graduate program offered jointly by Boise State University, Idaho State University, and the University of Idaho. The purpose of the program is to provide present and prospective public administrators with the basic intellectual preparation necessary to understand and to adjust to a changing and challenging environment through an introduction to the theories and practices of administration, management, and social science research as these relate to effective performance in public organizations. The MPA program is coordinated through an INTER-UNIVERSITY COMMITTEE, comprised of the chairmen of the departments of political science or government at the cooperating universities, a representative of the Office of the State Board of Education, and a representative of cooperating government agencies. The essential features of this inter-university cooperative program are: (1) general coordination and policy control by the INTER-UNIVERSITY COMMITTEE; (2) unrestricted transferability of credits earned at any of the participating universities; (3) coordination among universities in scheduling and offering courses in the MPA program; and (4) the establishment of a basic core of courses at all three cooperating institutions plus optional areas of emphasis which may vary among the universities and which reflect the particular areas of specialization available at the respective universities.

The inter-university MPA program has been designed in accordance with the Guidelines and Standards for Professional Master's Degree Programs in Public Affairs and Public Administration prescribed through the National Association of Schools of Public Affairs and Administration (NASPAA).

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

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

Specific Admission Requirements for Applicants to the MPA Program

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

A. Possession of a baccalaureate degree from an accredited institution.
B. Demonstration of satisfactory academic competency by attaining an overall GPA of 2.75 and recommendation for admission by the Department of Political Science. Students with a lower GPA may be admitted on provisional status on recommendation of the Department of Political Science with approval of the Graduate School. Final determination on the retention of the MPA program of a student with provisional status will be made after the completion of twelve (12) credits of approved study, with the general requirements of a grade of "B" or better in the course work taken.
C. Receipt of three letters of personal evaluation from individuals qualified to evaluate the applicant’s academic potential. Evaluators may include current or former employers, as well as professors. The letters are to be addressed as follows: Chairman, Department of Political Science, Boise State University, Boise, Idaho 83725.
D. Submission of a brief statement by the applicant indicating his/her career objectives and the area of emphasis to be undertaken in the Master’s of Public Administration program.
E. Completion of the following prerequisite courses in undergraduate preparation or their equivalent (applicable to all students applying for admission to the MPA program):
   a. American National Government—3 semester credits
   b. State—Local Government—3 semester credits
   c. Introduction to Public Administration—3 credits
   4. At least three semester credits in each of two of the following areas:
      a. Sociology
      b. Economics
      c. Psychology
   5. At least three semester credits in one of the following areas:
      a. Accounting
      b. Data Processing
      c. Social Statistics
   6. For those students selecting “Human Services Administration” as their “area of emphasis” for specialized preparation in Public Administration, at least 9 semester credits in Sociology.
   7. For those students selecting “Criminal Justice Administration” as their “area of emphasis” for specialized preparation in public administration, at least 9 semester credits in Criminal Justice.

Students who are deficient in any of the prerequisites indicated above must remove these deficiencies prior to enrollment in MPA graduate-level courses for credit. The student may be required to remove other deficiencies as determined by the Inter-University Committee established for administrative coordination of the MPA program.

F. An applicant planning to achieve an MPA degree at Boise State University must be accepted by the Graduate School of Boise State University. (The student is advised to consult the appropriate section of the bulletin for any special requirement or conditions prescribed by the Graduate School.

THE GRADUATE DEGREE PROGRAM

The MPA degree may be achieved through the successful completion of at least 30 semester credit hours of approved course work plus 6 credits of public service internship. Eighteen credit hours must be completed in courses specified as “core areas,” with 12 additional credit hours completed in designated optional areas of emphasis. Students may follow a thesis or non-thesis option in pursuing the MPA. The thesis counts as 6 credits toward completion of the degree in lieu of course work selected from the student’s area of emphasis. All MPA candidates must complete final examinations. Those following the thesis option will complete an oral examination covering the thesis and program course work. The non-thesis option requires a written and oral examination over program course work.

The academic program of each student must be approved by the MPA advisory committee and must satisfy the general requirement of an integrated program designed to meet career objectives of the student in public administration.

CORE AND OPTIONAL AREA REQUIREMENTS

The specific course requirements of the MPA program are set forth in a list of courses which has been approved by the INTER-UNIVERSITY COMMITTEE. This list is available through each of the cooperating universities. Courses are available at each institution in the “core areas.” The optional “areas of emphasis” may vary among the universities according to the resources and competencies which exist in the respective departments. Moreover, the MPA envisages further development of “core areas” and the cooperative relationships among the three universities are further developed. The listing of “areas of emphasis” is intended as a guide of the available courses as additional resources become available and the cooperative relationships among the three universities are further developed. The listing of “areas of emphasis” represents a collective enumeration of all optional areas which currently are available or are planned for future development at all of the cooperating universities. (A description of these areas of emphasis which are presently operational at each institution and admission forms to the MPA program are available through the chairman of the Department of Political Science at Boise State University, the chairman of the Government Department at Idaho State University, or the chairman of the Department of Political Science at the University of Idaho.)

“Core Area” Requirements: At least 18 semester credit hours of course work required on the designated “core areas” are to be selected in accordance with the following bases of selection:

1. At least one course selected from each of the following “core areas”:
   a. Administrative Theory, Organization, and Behavior
   b. Public Management Techniques
   c. Public Policy and Policy Analysis
2. At least one course from each of two of the following “core areas”:
   a. Administrative Law
   b. The Executive and the Administrative Process
   c. Intergovernmental Relations
   d. Community and Regional Planning
   e. Comparative Public Administration and Planning Systems
3. A sixth course is to be selected also from any one of the eight “core areas” listed under items one and two above.

SCHOOL OF ARTS AND SCIENCES
SCHOOL OF ARTS AND SCIENCES

Optional "Areas of Emphasis": At least 12 semester credit hours of course work are to be taken in any one of the following "areas of emphasis":

1. General Public Administration
2. Community, State and Regional Planning
3. Criminal Justice Administration
4. Public Health Administration
5. Public Finance, Budgeting, and Administrative Management
6. Environmental and Natural Resources Administration
7. Local Government Administration
8. Human Services Administration

Public Service Internship: Those students with no work experience in government are to be assigned as "public service interns." The internship is to be served in a government office at local, state, or federal levels, or in appropriate organizations which are concerned with governmental affairs, such as private foundations and community institutions. Credit provided for the internship shall be in addition to the 30 semester credit hours of course work required in the MPA program. The internship component will comprise 6 semester hours.

COURSES OFFERED AT BOISE STATE UNIVERSITY FOR THE DESIGNATED "CORE AREAS" AND THE OPTIONAL "AREAS OF EMPHASIS" IN THE MPA PROGRAM

I. DESIGNATED CORE AREAS

(Note: Selection of courses is to be made in consultation with the student's major professor in the preparation of a MPA Program Development Plan for each individual student.)

A. Administrative Theory, Organization, and Behavior
   PO 487 (G) ORGANIZATION THEORY AND BUREAUCRATIC STRUCTURE

B. Public Management Techniques
   PO 510 FISCAL PROCESSES AND PUBLIC BUDGETING PROCESS
   PO 511 PROGRAM EVALUATION AND QUANTITATIVE ANALYSIS
   MG 541 HUMAN RESOURCE MANAGEMENT
   DP 542 COMPUTER APPLICATIONS FOR MANAGEMENT

C. Public Policy and Policy Analysis
   PO 520 PUBLIC POLICY FORMULATION AND IMPLEMENTATION

D. Administrative Law
   PO 467 (G) ADMINISTRATIVE LAW

E. The Executive and the Administrative Process
   PO 530 THE ROLE OF THE EXECUTIVE IN POLICY MAKING

F. Intergovernmental Relations
   PO 469 (G) INTERGOVERNMENTAL RELATIONS

G. Community and Regional Planning
   (No course offering yet provided at BSU)

H. Comparative Public Administration and Planning Systems
   PO 465 (G) COMPARATIVE PUBLIC ADMINISTRATION

II. OPTIONAL "AREAS OF EMPHASIS"

(Note: Some of the courses provided in designated "areas of emphasis" are also provided in designated "core areas," as shown above. In such cases, a course may satisfy a general core area requirement or a specific "area of emphasis" requirement in the MPA program but NOT both.)

A. General Public Administration
   This area of emphasis is provided to accommodate those students desiring preparation in public administration as a "generalist" rather than a "specialist" in a particular area of specialization. At Boise State University the student may select the remaining 12 credit hours of course work from the courses listed below.
   PO 465 (G) COMPARATIVE PUBLIC ADMINISTRATION
   PO 467 (G) ADMINISTRATIVE LAW
   PO 469 (G) INTERGOVERNMENTAL RELATIONS
   PO 511 PROGRAM EVALUATION AND QUANTITATIVE ANALYSIS
   PO 530 THE ROLE OF THE EXECUTIVE IN POLICY MAKING

Any of the following courses, identified as "selected topics," which will be offered as staff availability permits, may be selected also to satisfy the General Public Administration area of emphasis.

PO 580 SELECTED TOPICS—Administrative Theory, Organization and Behavior
PO 581 SELECTED TOPICS—Public Management Techniques
PO 582 SELECTED TOPICS—Public Policy and Policy Analysis
PO 583 SELECTED TOPICS—Administrative Law
PO 584 SELECTED TOPICS—The Executive and the Administrative Process
PO 585 SELECTED TOPICS—Intergovernmental Relations
PO 586 SELECTED TOPICS—Community and Regional Planning
PO 587 SELECTED TOPICS—Comparative Public Administration and Planning Systems

Arrangements may also be made in the following courses.

PO 593 THESIS
PO 595 READING AND CONFERENCE
PO 596 DIRECTED RESEARCH
PO 599 CONFERENCE/WORKSHOP

B. Community, State and Regional Planning
   (No course offering yet provided at BSU in the MPA program)

C. Criminal Justice Administration
   CR 510 SPECIAL PROBLEMS IN CORRECTIONAL TREATMENT
   CR 511 SPECIAL PROBLEMS OF THE JUVENILE AND YOUTHFUL OFFENDER
   CR 595 READING AND CONFERENCE
   CR 598 SEMINAR IN CRIMINAL JUSTICE ADMINISTRATION

D. Public Health Administration
   (Planned, but no course offering yet provided at BSU in the MPA program)

E. Environmental and Natural Resources Administration
   (No course offering yet provided at BSU in the MPA program)

F. Local Government Administration
   (Planned for future implementation as an area of emphasis at BSU)

G. Public Finance, Budgeting, and Administrative Management
   (Planned for future implementation as an area of emphasis at BSU)

H. Human Services Administration
   SO 510 CONFLICT AND CHANGE IN SOCIO-CULTURAL SYSTEM
   SO 511 THE SOCIOLOGY OF AGE-GROUP STRATIFICATION
   SO 512 SOCIAL DEMOGRAPHY
   SO 580 SELECTED TOPICS—Human Services Administration
   SO 595 READING AND CONFERENCE

COURSES

PO POLITICAL SCIENCE

Lower Division

101 American National Government (3 credits). A study of the institutions and processes of the American political system, emphasizing the social ideological, and constitutional background. Each semester.
102 State and Local Government (3 credits). A study of the institutions and processes of state and local government with emphasis on constitutionalism, legislatures, governors and reapportionment. Each semester.
141 Contemporary Political Ideologies (3 credits). An examination of liberalism, communism, fascism and Nazism, with emphasis on the principal ideas characterizing each "ideology." Each semester.
221 Public Opinion and Voting Behavior (3 credits). The course will explore the development of public opinion and electoral behavior. Empirical research from a variety of fields will be used in an attempt to understand and analyze the factors that mold popular attitudes and political behavior. Prerequisite: PO 101 or PO 102. Spring semester.
228 Comparative European Governments and Politics (3 credits). A comparative study of the political systems of selected European nation-states, including Great Britain, France, the
German Federal Republic, Italy and the Scandinavian states. The patterns of political culture, political interests, political power, and selection of public policy issues will be examined.

Prerequisite: PO 101 or consent of instructor and approval of Department Chairman. Either semester.

231 International Relations (3 credits). A study of the nature of relations among nations with particular reference to contemporary international issues, an analysis of motivating factors, establishing national priorities, current events, and the study of the problem of national sovereignty and its relation to international cooperation. Prerequisite: PO 101. Each semester.

Upper Division

301 Parties, Electoral Process and Interest Groups (3 credits). The major objective of this course is to develop an understanding of the nature, functions, organization, roles, and activities of political parties and interest groups within the American political system. Emphasis will be placed on the performance of America's two major political parties, especially in the area of congressional politics, with an emphasis on lobbying activities of the major American interest groups. Prerequisite: PO 101 or PO 102. Fall semester.

303 Introduction to Public Administration (3 credits). Theory, administrative organization, functions, and the role of public governmental units. Prerequisite: PO 101. Each semester.


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

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

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

324 Comparative Party-System (3 credits). A comparative study of the political systems of the Soviet Union, Eastern Europe, People's Republic of China, and other Communist Party-States. Selected topics and problems relating to the political institutions and processes of the Communist Party-States and the inter-relationship of political institutions and political relationships in these states. Attention is to be given to questions of political theory and political determinants of the development of the Communist Party-States. Prerequisite: PO 101 or consent of instructor and approval of Department Chairman. Either semester, alternate years.

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

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

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

351 Constitutional Law (3 credits). Case study of the American constitutional system and its components as revealed in judicial decisions. Prerequisite: PO 101. Spring semester.

421 International Law (3 credits). Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practices of international law and their application to contemporary international affairs. Prerequisite: PO 303. Either semester, alternate years.

422 International Organization (3 credits). Historical background; the League; basic problems of international entities; the United Nations. Prerequisite: PO 101 and PO 231. Either semester, alternate years.

441 Part I Western Political Theory (3 credits). The development of political philosophy from Socrates to Machiavelli. Fall semester, alternate years.

442 Part II Western Political Thought: Machiavelli to Thomas Hobbes. Prerequisite: PO 441. Spring semester, alternate years.

451 Comparative Legal Systems (3 credits). An examination of principal legal systems of the world, with emphasis on ideological foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisites: PO 101, PO 141, and PO 299 or consent of instructor and approval of Department Chairman. Spring semester, alternate years.

465 Comparative Public Administration (3 credits). Systematic examination and comparison of the varied models and theories of administrative systems. The course will cover institutional and international studies. (Students enrolled in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO 298. Spring semester.

467 Administrative Law (3 credits). Review of the sources of power and duties of administrative agencies, the regulations made by agencies through investigation and hearings, as well as judicial decisions and precedents relating to administrative law. (Students enrolling in this course for graduate-level credit will be assigned special requirement in preparation.) Prerequisite for undergraduate students: PO 298. Spring semester.

469 Intergovernmental Relations (3 credits). An examination of interunit cooperation and conflict in the American Federal System, including state-local relationships and metropolitan governmental intergovernmental relations. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO 298. Either semester.

479 Organizational Theory and Bureaucratic Structures (3 credits). A socio-political analysis of the theories and concepts of complex social organizations, their application to public administration and the relationship between political science and sociological and organizational theory. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO 298. Either semester.

488 Senior Seminar (Scope and Methods of Political Science) (3 credits). Examination of the discipline of Political Science, its central problems and unifying concerns, and an inquiry into the techniques of scientific political research as they relate to improved research methods. The seminar is open to senior Political Science majors. Fall semester. (The 400 level courses identified with G) are offered for graduate credit.)

Graduate


511 Program Evaluation and Cost-Benefit Analysis (3 credits). The application of social science research to administrative problems, including practical methods of gathering, analyzing, and interpreting data. Theory and basic techniques underlying quantitative analysis of public programs. Either semester.

520 Public Policy Formulation and Implementation (3 credits). The process of policy-making within and among the larger context of the total governmental process, emphasizing policy and program planning, policy implementation and the role of administrators. Each semester.

530 The Role of the Executive in Policy-Making (3 credits). A study of the American executive, including the president, the governor, and the mayor, with consideration given to changes in their institutional settings and role conceptions. An examination of the role of the executive in the policy-making process, with emphasis on sources of strength and weakness and the strategies used to enact their programs. The problems of the relationship of the executive to the bureaucracy will also be reviewed. Each semester.

The following courses identified as "selected topics" are to be offered as staff availability permits.

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

581 Selected Topics—Public Management Techniques (3 credits).

582 Selected Topics—Public Personnel Policy Analysis (3 credits).

583 Selected Topics—Administrative Law (3 credits).

584 Selected Topics—The Executive and the Administrative Process (3 credits).

585 Selected Topics—Intergovernmental Relations (3 credits).

586 Selected Topics—Community and Regional Planning (3 credits).

587 Selected Topics—Comparative Public Administration and Planning Systems (3 credits).

590 Public Service Internship (Variable Credit). A public service internship is to be arranged, as held for experience, for those students with no prior experience in governmental or other organizational assignments. The internship will be established and arrangements made for placement through the chairman of the Department of Political Science.

593 Thesis. An approved topic in public administration for major preparation and defense through consultation with major advisor.

595 Reading and Conference (1-2 credits). Directed reading on selected materials in public administration and discussion of these materials, as arranged and approved through major advisor.

596 Directed Research (1-3 credits). Special projects undertaken by the MPA student as advanced tutorial study in specialized fields. Offered to individual students. The student and professor design and supervise the research. Each semester.

599 Conference Workshop (1 credit). Conferences or workshops covering various topics in public administration may be offered on a regularly scheduled basis, according to student interest and staff availability. No more than 3 credits provided through conferences or workshops can be applied toward the MPA.

PY PHILOSOPHY

Lower Division

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

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

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

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

245 Metaphysics (3 credits). As the core of philosophy, this course includes an examination of (a) the problem of free will vs. determinism, (b) the nature of causation, (c) the problem of evil and problem of free will. Either semester.

247 Epistemology (3 credits). This course covers the theory of knowledge, including (a) an examination of the relationship and the difference between knowledge and belief, (b) an evaluation of the theories of perception and (c) theories of truth. Prerequisite: PY 101. Spring semester.

249 Ancient Philosophy (3 credits). A study of selected works of Plato and Aristotle. Prerequisite: PY 101. Fall semester.

251 Medieval Philosophy (3 credits). A study of the works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, 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 clash 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.
DEPARTMENT OF SOCIAL WORK

A Baccalaureate Degree Program in Social Work fully accredited by the Council on Social Work Education

Chairman Associate Professor: Douglas Yunker; Associate Professors: Huff, Oliver, Panitch; Special Lecturer: Moore.

Field Work Instructors: David Johnson, Idaho Youth Ranch; Arthur Dodson, Tom Wedeven, Casey Family Program; Arlene Warner, Idaho Office on Aging; David Stout, Region III Mental Health; Charles Hansen, Allen Jarrett, Patrice Moody, Barry Kurz, Veterans Administration; Jane Knowlton, Carol Skov, William Mendorf, Region IV Child Protection Unit H&W; Jeanne Dunbar, El-Ada Community Action, Inc.; Ann Gossi, Information & Referral; Birgitta Burkhardt, Child's Future Inc.

Social Work offers an opportunity for a personally rewarding professional career to those who care deeply about the well-being of others. Social workers give direct services to individuals, families, groups and communities. Qualified licensed social workers are in demand in every area of professional practice.

Social Work is usually practiced in social welfare agencies and in social work departments at host settings. Social workers are needed to work with mentally ill, emotionally disturbed, delinquent, mentally retarded, physically ill, handicapped and economically and socially deprived children and adults. They are sought for service in schools, courts, hospitals and clinics that seek to detect and prevent delinquency and child neglect.

Community centers, psychiatric and general hospitals and service centers for the aged also seek qualified social workers and offer varied career opportunities. Equally challenging opportunities exist in public and private agencies that deal with problems of housing and urban renewal, public health, community mental health, social welfare planning and fund-raising, race relations and the many other concerns that become especially acute both in changing neighborhoods of large cities and in depressed rural and industrial areas. Social work practice is designed to enrich the quality of life by enabling individuals, groups and communities to achieve their greatest potential development.

REQUIREMENTS FOR SOCIAL WORK MAJOR

Bachelor of Arts Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Literature</td>
<td>6</td>
</tr>
<tr>
<td>Humanities</td>
<td>6</td>
</tr>
<tr>
<td>History</td>
<td>6</td>
</tr>
<tr>
<td>Symbol Science and/or Math</td>
<td>12</td>
</tr>
<tr>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>Economics</td>
<td>3</td>
</tr>
<tr>
<td>Intro-Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Social Work</td>
<td>3</td>
</tr>
</tbody>
</table>

General University and Major Requirements: 128

A. Lower Division Courses: 60

Elementary Social Work Processes: 3

B. Upper Division Courses: 40

Social Welfare                          : 3
Normal Social Functioning               : 3
SW Methods—Cascapaw                    : 3
SW Methods—Groupwork                   : 3
SW Methods—Community Organization      : 3
Statistics                              : 3
Psychology Electives                   : 9
Field Work                              : 10
General Electives                       : 1
Senior Seminar                          : 2

C. General Electives—Lower & Upper Division: 28

Recommended electives:

- AN 202, AN 307, CM 351, CM 361, EC 210, EC 219,
  P 301, P 312, P 313, P 341, P 351, P 353, PO 301,
  PO 312, PO 320, PO 101, PO 121, PO 211, PO 231,
  S 101, S 102, SO 230, SO 311, SO 325, SO 351,
  SO 361, SO 402, SO 418, SO 417

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.

Upper Division

301 Social Welfare (3 credits). Social Welfare as an historical and contemporary institution and how it meets human needs; public vs. private social responsibility. Prerequisite: SW 201. Each semester.


385 Social Work Methods—Cascapaw (3 credits). An examination of skills employed to serve individuals and families; communication skills; problem solving process and case recording. Prerequisite: SW 301, SW 321. Each semester.


480 Field Work I (5 credits). Sixteen hours per week, the student works as a practicing social worker under the supervision of a professionally trained and experienced social worker. The student functions as an integrated staff member except in those areas where educational benefits conflict with agency needs. All juniors must apply for admission into the field work program prior to the beginning of their second semester. Before the final decision is made as to where the students will spend their time in field placement, they are interviewed by a team of faculty members who will attempt to identify their special needs. Prerequisites: SW 311, SW 321, may take SW 385 prior to or concurrent with SW 480, must have instructor’s permission. Each semester.

481 Field Work II (5 credits). Continuation of Field Work I. Prerequisites: SW 385, SW 480 and instructor’s permission. Each semester.

488 Senior Level Seminar (2 credits). Discussion of topics of particular interest to Social Work students who are planning to enter practice. Must be taken concurrently with either SW 480 or SW 481. Each semester.

DEPARTMENT OF SOCIETAL AND URBAN STUDIES

Chairman and Professor: Scheffer; Professors: Dorman, Scheffer; Associate Professors: Baker, Christensen, Harvey, Pavesic; Assistant Professors: Corbin, Cox, Hopfenbeck, Marsh, Taylor; Visiting Professor: Ames.
An interdisciplinary department representing two traditional social sciences: Anthropology and Sociology, and the relatively new field of Criminal Justice Administration. Courses are offered which lead to six degree programs.

**Criminal Justice Administration**

General University and core requirements to meet either Bachelor of Arts or Bachelor of Science program except:

A. Criminal Justice majors are required to take: 64

- Defensive Tactics* .................................................. 1
- Mathematics ......................................................... 4
- Fundamentals of Speech—Communication ....................... 3
- Economics ............................................................... 3
- American National Government ............................... 3
- State and Local Government ...................................... 3
- Principles of Accounting ........................................ 3
- Applied Business Communications** *

B. Major Requirements

** Lower Division** ...................................................... 18

- Law Enforcement in Modern Society .......................... 3
- Patrol Administration .............................................. 3
- Jail Administration .................................................. 3
- Law of Criminal Evidence ......................................... 3
- Criminal Investigation ........................................... 3
- Vice and Organized Crime ....................................... 3

** Upper Division** .......................................................... 24

- Administration of Justice .................................... 3
- Police Organization and Management .......................... 3
- Criminal Law .......................................................... 3
- Contemporary Law Enforcement Problems .................. 3
- Comparative Law Enforcement ................................. 3
- Administration, or Introduction to Criminalistics ........ 3
- Abnormal Psychology ............................................... 3
- Juvenile Delinquency ............................................. 3
- Criminology .......................................................... 3

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

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

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

** Require of students who do not meet competency standards

** Associate of Science**

** Credits**

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

- Defensive Tactics* .................................................. 1
- Mathematics ......................................................... 4
- Lab Science ........................................................... 4
- English Composition ................................................ 3 or 6
- Literature ............................................................. 3
- History ................................................................. 3
- Fundamentals of Speech—Communication ....................... 3
- Economics ............................................................... 3
- American National Government ................................ 3
- State and Local Government ...................................... 3
- Principles of Accounting ........................................ 3
- Applied Business Communications** *

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

- Law Enforcement in Modern Society .......................... 3
- Patrol Administration .............................................. 3
- Jail Administration .................................................. 3
- Law of Criminal Evidence ......................................... 3
- Vice and Organized Crime ....................................... 3
- Criminal Investigation ........................................... 3

C. Electives to bring total credits to ................................ 64

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

** Require of students who do not meet competency standards.

** School of Arts and Sciences**

** Requirements for Social Science Major**

** Bachelor of Arts Program**

I. Liberal Arts Option

1. General College and Basic Core requirements:

** Credits**

- Anthropology ....................................................... 3
- Economics ............................................................ 3
- Political Science ................................................... 3
- Sociology ............................................................. 3
- Social Science Electives ........................................ 9

B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields): 24

- Anthropology
- Economics
- Political Science
- Sociology
- Psychology

** Requirements for Sociology Major**

1. General University and core requirements to meet either Bachelor of Arts or Bachelor of Science Program* as given on pages 23-25. Bachelor of Arts degree candidates are required to complete one year of a foreign language. Sociology courses may not be used to satisfy Area II requirements.

2. At least 78 credit hours in fields other than Sociology to be selected by the student in consultation with the student's Sociology faculty advisor.

3. At least 29 credit hours in Sociology including:

** Credits**

- Introduction to Sociology .................................... 3
- Elementary Social Statistics ..................................... 3
- Social Research ...................................................... 3
- History of Sociology ............................................... 3
- Current Sociological Perspectives ............................. 3
- Sociology Seminar .................................................. 2

* The following courses are strongly recommended:

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

** Sociology—Social Science Secondary Education Option**

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

** Credit Hours**

1. General College and Basic Core requirements ............... 18-39

2. 2 approved teaching minors, 15 hours each ............... 30

- (minors to be selected from the following field:
- Political Science, Anthropology, History, Geography, or Economics)

3. Sociology courses .................................................. 30

- (required courses are the same as for the Sociology major above, including at least 15 upper division hours)

4. Education courses to meet Idaho State Department of Education Certification requirements for teachers in Secondary Education ........................................... 20

5. State requirements for teacher certification, including

- U.S. History .......................................................... 5
- American National Government ............................... 3
SCHOOL OF ARTS AND SCIENCES

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

MULTI-ETHNIC STUDIES—SOCIAL SCIENCE

The Multi-Ethnic Studies Program, which is open to all students,
is an inter-disciplinary area of emphasis which will help students pro-
vide themselves with an understanding of traditions, cultures, lan-
guages, problems, and perspectives.

The program is supervised by an interdisciplinary group of faculty
and students. Prospective majors may contact Dr. John Jensen,
Department of Teacher Education; Dr. P. K. Ourada, Department of
History; A. R. Corbin, Department of Societal and Urban Studies;
Mamie Oliver, Department of Social Work, to develop program of
study.

REQUIREMENTS FOR MULTI-ETHNIC STUDIES MAJOR

Bachelor of Arts Program................................................. CREDITS
1. General College Requirements......................................51
2. Ethnic Studies Requirements
   a. Lower Division Courses........................................ 15
      Introduction to Multi-Ethnic Studies.........................3
      Cultural Anthropology..........................................3
      Ethnic Literature courses....................................3
      Minorities in the United States History....................3
   b. Upper Division Courses.........................................3
      Racial and Cultural Minorities.................................3
   c. Elective Ethnic Courses........................................30
      (List of approved course offerings available from Program
      Supervisors)
3. General Electives..................................................29

   128

REQUIREMENTS FOR MULTI-ETHNIC STUDIES MINOR

Multi-Ethnic Studies Minor

a. Requirements......................................................9
   Introduction to Multi-Ethnic Studies...........................3
   Minorities in United States History............................3
   Ethnic Literature courses.....................................3
   b. Elective Ethnic Courses.......................................12
      (List of approved course offerings available from
      Program Supervisors)

   21

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 culture in relation to technology, economic systems, social organiza-
tion, values and beliefs. Each semester.

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

Upper Division

303 Old World Prehistory (3 credits). Survey of cultural evolution.
The course traces human development from the first known evidence of
behavioral culture (ca two and half million years ago); the development of
humans during the "Ice Age," the spread of humanity throughout the
world, the domestication of plants and animals, and the rise of civiliza-
tion. Prerequisite: AN 201 or 202 or 203, upper division status, or consent of instructor. Either
semester.

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

311 Peoples and Cultures of the World (3 credits). The cultural
patterns of representative aboriginal peoples. Technology, subsistence,
social organization, and religion considered with a view toward environ-
mental adjustment, historical development and functional interac-
tions. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

411 Archaeology of North America (3 credits). A survey of prehistory,
cultures of North America north of Mexico. The course includes a study of ideas about native American ori-
gins and antiques along with demonstrating regional societal complexity on the
continent. Special emphasis is given to the study of early man and the cultures of the Eastern Wood-
lands, the American Southwest and the Intermountain West. Prerequisite: AN 203, upper divi-
sion status, or consent of instructor. Either semester.

412 Theory and Method in Archaeology (3 credits). A survey of the philosophic and theory-
oriented foundations of archaeology. Includes the development in methodology and
technical advances as applied to archaeological research. Prerequisite: AN 203, upper divi-
sion status, or consent of instructor. Spring semester.

CR CRIMINAL JUSTICE ADMINISTRATION

Lower Division

201 Law Enforcement in Modern Society (3 credits). A study of philosophy, history, ob-
tectives 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 jail detention facilities pre-

tent and future trends of operation and administration. Operation of programs for the sen-
tenced misdemeanors, first offenders, females and juvenile offenders. Special problems rela-
tive to inmate social interaction and supervision of prisoners. Prerequisite: CR 201. Fall semester.

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

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

231 Criminal Investigation (3 credits). Designed to acquaint the student with investiga-
tion as it involves the application of the investigative process in discovery and preservation of evi-
dence, investigative report organization and content of investigative reports, and evidenti-
ary 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. Exculpatory rule, presumption, opinion evidence, and leading court cases
involving the presentation and acceptability of evidence. Witness examination procedures
and related legal problems are presented. Prerequisite: CR 201. Fall semester.

Upper Division

301 Administration of Justice (3 credits). A study of the administration of justice affected by
jurisprudence, Rules of Criminal Procedures, and Law of Evidence. Prerequisite: CR
201. Fall semester.

321 Criminal Law (3 credits). An analysis of criminal law and its affect on the enforcement
of the tolerance limit of society. Prerequisite: CR 201. Spring semester.

331 Probation and Parole (3 credits). Historical development, organization, operation, pur-
pose and outcome of post-conviction release programs. Included will be probation, parole,
work-release and others. Analysis of program effectiveness. Review of the role of the proba-
tion and parole counselors within the program framework. Prerequisite: CR 201. P 101 and
SC 101. Spring semester.

*340 Principles of Interviewing (3 credits). Familiarization with the elements of the inter-
viewing process for law enforcement personnel. Included are both the counseling and inter-
rogative aspects with a view of promoting effective and productive relationships in any
interviewing situation. Prerequisite: CR 201, P 101. Fall semester.

351 Police Organization and Management (3 credits). The principles of organization and
management as applied to law enforcement administration, current and future program issues in
the areas of security organization and management, and professional development. Prerequisite: CR 231. (Alternate years). Spring semester.

380 Contemporary Correctional Theory and Practice (3 credits) (Crosslisted—SO 362).
The historical development, processes, and methods of the adult correctional system will be discussed in this course. A detailed study will be made of the philosophy and development of treatment strategies in the institution and the community. Either semester.

*380 Introduction to Criminology (3 credits). Introduction to theory and application of
physical science to the field and laboratory investigation of crime. Applicable to both ad-
vanced field investigation and laboratory techniques. Prerequisite: CR 231. (Alternate years). Spring semester.

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

420 Private and Industrial Security (3 credits). Philosophy and techniques of operation in
the areas of security organization and management, investigations, physical plant and per-
362 Contemporary Correctional Theory and Practice (3 credits). An analysis and comparison of correctional systems at the federal, state, and local levels and international systems. Prerequisite: CR 201. (Alternate years). Spring semester.


402 Current Sociological Perspectives (3 credits). Major theoretical issues in contemporary sociology. Prerequisite: SO 101 and upper division status. Either semester.

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

417 Criminology (3 credits). Social factors applied to the study of "crime" as defined by the laws of society, the possible causes of criminal behavior and the way society attempts to control criminal behavior. Prerequisite: SO 101 and upper division status. Either semester.

418 Social Stratification (3 credits). An examination of the theoretical and methodological approaches to the study of the distribution of prestige and power in society and the interrelationship between political science and sociological organization. Prerequisite: Either semester.

511 Special Problems of the Juvenile and Youthful Offender (3 credits). Examination of current processes in juvenile justice, rehabilitation programs, probation and utilization of community-based resources. Emphasis will be placed on preventive rehabilitative measures at the local level. Either semester.

580 Selected Topics—Criminal Justice Administration (3 credits)

595 Reading and Conference (1-2 credits). Directed reading on selected materials in criminal justice administration. Prerequisite: CR 301. Either semester.

SO SOCIOLOGY

Lower Division

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

102 Basic Problems of Sociology (3 credits). Application of sociological analysis to contemporary problems associated with the structure of American society. Each semester.

200 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 the power. It looks at American society's institutional role in maintaining and perpetuating systematic inequality. Either semester.

240 Sociology of the Family (3 credits). An analysis of courtship, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the relationships of these patterns to the larger society. Prerequisite: SO 101. Either semester.

250 Population (3 credits). The theory of population from Malthus to the present (1) Social factors that influence population size, such as birth control and inadequate housing: (2) composition of the population, past and present trends of populations. Prerequisite: Introduction to Sociology SO 101. Either semester, alternate years. Not offered 1978-79.

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

310 Elementary Social Statistics (3 credits). The application of measurements to 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 (2 credits). An introduction to the empirical basis of modern sociological research and the statistical analysis of social data. Prerequisite: Introduction to Sociology SO 101, Elementary Social Statistics SO 310 and upper division status. Spring semester.


325 Sociology of Aging (3 credits). Analysis of 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 deviancy how social systems control behavior through the socializing process, the sanction system and the allocation of prestige and power. Prerequisite: Introduction to Sociology SO 101 and upper division status. Either semester.

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

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

362 Contemporary Correctional Theory and Practice (3 credits). (Crosslisted—CR 361). The historical development of processes, and methods of operating the adult correctional system will be discussed in this course. A detailed study will be made of the philosophy and development of treatment strategies in the institution and the community.

401 History of Sociology (3 credits). Major theoretical issues in contemporary sociology: works of leading contemporary sociologists. Prerequisite: SO 101 and upper division status. Spring semester.

Graduate*

510 Special Problems in Correctional Treatment (3 credits). Analysis of contemporary problems in the correctional systems of American society. Prerequisite: CR 201. Spring semester.

511 Special Problems of the Juvenile and Youthful Offender (3 credits). Examination of current processes in juvenile justice, rehabilitation programs, probation and utilization of community-based resources. Emphasis will be placed on preventive rehabilitative measures at the local level. Either semester.

580 Selected Topics—Criminal Justice Administration (3 credits)

595 Reading and Conference (1-2 credits). Directed reading on selected materials in criminal justice administration. Prerequisite: CR 301. Either semester.

512 Social Demography (3 credits). Techniques and methods for analyzing population problems of poverty. Prerequisite: SO 101 and upper division status. Spring semester. Offered alternate years.

513 The Urban Community (3 credits). An examination of the changing growth, demographic, stratification and institutional structure of urban communities, the consequences of urbanization and its consequences for individual and group interaction. Prerequisite: SO 101, and upper division status. Either semester.

514 Social Policy (3 credits). Social factors affecting individual behavior, formation and change of attitudes, social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite: P 101 or SO 101 upper division status. Either semester.

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

598 Sociology Seminar (2 credits). Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.

Graduate*

501 The Sociology of Education (3 credits). A sociological analysis of the American education system. Its problems and the social forces that shape the schools in contemporary society.

510 Conflict and Change in Socio-Cultural Systems (3 credits). The theory and evidence of socio-cultural change, as viewed from sociological perspectives, demonstrating the evolutionary and revolutionary trends, with focus on the interaction between technological, institutional and value systems as they affect human development and the provision of social services. Either semester.

511 The Sociology of Age Group Stratification (3 credits). Examination of the sociological effects of age as a major dimension of social organization and stratification in American society and Western civilization. The course will consider the effects of changing patterns of longevity, resultant changes in age distribution of the population as these factors affect social, economic, and political systems. Either semester.

512 Social Demography (3 credits). Techniques and methods for analyzing population growth, trends, and movement as reflected in actuarial data, birth-death rate, mobility, fertility and fecundity as these affect the societal patterns, especially the planning for human service programs. Either semester.

580 Selected Topics—Human Services Administration (3 credits).

595 Reading and Conference (1-2 credits). Directed reading on selected materials in human services administration and discussion of these materials, as arranged and approved through major advisor.

DEPARTMENT OF THEATRE ARTS

Chairman and Associate Professor: Dr. Robert E. Ericson; Professor: Shankweiler; Associate Professor: Lauterbach; Assistant Professors: Corbett, Heise; Instructor: Bedard.

REQUIREMENTS FOR THEATRE ARTS MAJOR

Bachelor of Arts Program

General college requirements as listed under college requirements, Bachelor of Arts degree except:

A. Theatre Arts majors are required to take two hours of Physical Education courses as recommended by their advisor, (i.e., fencing, dance, gymnastics, etc.)

CREDITS

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

#### THEATRE:
- **Introduction to Theatre** .................................................. 3
- **Technical Theatre** ...................................................... 8
- **Acting (lower division)** .............................................. 3
- **Stage Voice** ................................................................. 3
- **World Drama** ................................................................. 6
- **Directing** ...................... ............................................. 3
- **Theatre History** ............................................................ 6
- **Contemporary Drama** .................................................... 3

(12 hours)

(Upper Division—21)

#### SECONDARY EDUCATION:
Departmental requirements for the Secondary Education Option are the same as regular theatre major plus:
- **TA402 Directing**
- **E345 or 346 Shakespeare** is substituted for Contemporary Drama TA 445

The student must also satisfy the requirements for teacher certification.

**THEATRE ARTS MAJOR**

**Bachelor of Arts Program**

*(Suggested Sequence: departmental requirements are indicated by asterisks)*

#### THEATRE EMPHASIS:

<table>
<thead>
<tr>
<th>Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education*</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Theatre*</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Technical Theatre*</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Art or Music</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to use of Books &amp; Libraries</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Western Civilization*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Acting*</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Oral Interpretation</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>—</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Stage Voice*</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Shakespeare*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Speech for Teachers</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>World Drama*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directing*</td>
<td>3</td>
</tr>
<tr>
<td>Theatre History*</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Upper Division)</td>
<td>6</td>
</tr>
<tr>
<td>Contemporary Drama*</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### English Minor for Theatre Arts

Secondary Education Option: See recommended minor listed in the B.S.U. Bulletin under the English Department Heading.

Liberal Arts Option (beyond E-101 and E-102):
- **Lower-division Literature**
  - 9*
- One of the following:
  - E-201, Expository Composition
  - E-205, Creative Writing, Poetry
  - E-206, Creative Writing, Fiction
- Upper-division electives, other than English Department drama courses | 6 |

*This requirement cannot be fulfilled by E-297, Special Topics courses.
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 (4 credits). Provides the student with a practical knowledge and skill in the principles of the technical aspects of theatre, the mechanical characteristics of the stage and the elements used in productions; development of drafting skills, problems solving in staging, and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required. Fall, Spring semesters.

162 Stage Make-up (3 credits). Investigation of and production analysis of stage make-up; the relationship of actor to play and audience; an integration of make-up and other technical aspects that influence this particular art. Practical application is emphasized. Fall semester.

215-216 Acting (3 credits). Entails study 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 comedic 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.

233 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.

281 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. Spring semester.

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.

341 World Drama 1500 BC-1570 (3 credits). Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate Fall semesters.

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

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

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

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

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

391 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.

392 Directed Study (3 credits). May be arranged for nonmatriculated students with prior permission of the course instructor. Three hours credit. Prerequisite: Upper Division standing. Each semester.

**Upper Division**

311 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.

333 Drama and Allied Arts (3 credits). The methodology of the actor, playwright, director, and critic. Theory and practice of directing, playwriting, literary analysis and criticism and the dramatic art. Exploration of sophisticated techniques for theatre production and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week. Fall, Spring semesters.

340 Repertory Theatre (3 credits). A study of the major works of the world's most prominent playwrights. The student will partake in the production of a repertory company. Prerequisite: TA 117-118. Alternate Fall semesters.

345 Contemporary Drama (3 credits). A study of world drama since 1960 with an emphasis on current research materials and techniques. Alternate spring semesters.

391 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.

TOTAL HOURS IN ENGLISH MINOR

FOR THEATRE ARTS MAJOR

<table>
<thead>
<tr>
<th>COURSES</th>
<th>HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL HOURS</td>
<td>6 hours</td>
</tr>
<tr>
<td>FOR THEATRE ARTS MAJOR</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

SCHOOL OF ARTS AND SCIENCES

445 Contemporary Drama (3 credits). A study of world drama since 1960 with an emphasis on current research materials and techniques. Alternate 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.
DEPARTMENTS AND FACULTY

Department of Accounting and Data Processing:
Chairman and Professor: Dr. Harold M. Nix; Associate Professors: Behling, Carson, Gillett, Hemingway, Jackson, Medlin, Merz, Puckett; Assistant Professors: Bradley, McMillan, Millier; Special Lecturer: Harvey.

Department of Business Education and Office Administration:
Chairman and Professor: Dr. Marvin A. Clark; Professor: Cornwell; Associate Professors: Bounds, Brender, Johnson, Manship, Williamson; Assistant Professor: Warberg; Instructors: Butler, Carlton.

Department of Economics:
Chairman and Associate Professor: Dr. Richard D. Payne; Professors: Billings, Lamborn; Associate Professors: Asmus, Draayer, Holley, Mitchell, Assistant Professors: Lichtenstein, Nickless, Sula.

Department of Management and Finance:
Chairman and Associate Professor: Dr. Roger D. Roderick; Professors: Phillips, White; Associate Professors: Allen, Fitzpatrick, Gardner, Grant, Groebner, Kinslinger, Nix, Shannon, Tipton, Waldorf, Wilterding; Assistant Professors: Bohner, Gallup, Lyon, McRae, Munson; Instructor: Heist.

Department of Marketing and Mid-Management:
Chairman and Professor: Dr. Duston R. Scudder; Professors: Godfrey, Knowlton, Young; Associate Professors: Adkins, Lane, McWilliams.

School of Business Emeriti:
Albertson, Bushby, Edleston, Roe, Wilson

OBJECTIVES OF THE SCHOOL OF BUSINESS

The School of Business at Boise State University is a unique and evolving product of a rapidly growing and changing State of Idaho. The School's overall purpose is to encourage individual students' intellectual growth. Teaching is recognized as the major responsibility.
of the faculty. The nature of the University setting in the State capitol and population center, which does not offer community college opportunities, establishes special demands on the School to respond to community needs in addition to traditional University education. The overall goal of the School of Business is to offer a high quality program of education in business. Specific objectives are to:

1. Prepare graduates for entrance level positions in:
   a. management and functional areas of business
   b. specialized occupations, such as accounting, marketing, and office management
   c. business teaching
   d. positions requiring a two-year course of study, such as fashion merchandising, mid-management, and office occupations

2. Prepare graduates for entrance into graduate schools

3. Offer courses for non-business students to assist them in the assumption of their citizenship responsibilities and understanding of the free enterprise system

4. Provide graduate courses leading to the MBA degree and others as developed to meet community needs

5. Serve the non-student population of Idaho by offering management development programs and faculty expertise through applied research

It is our belief that these objectives can be accomplished by quality classroom teaching, research, seminars, informal discussions and community service. The people we serve should benefit both personally and professionally through contact with the School of Business, whether it is for a lecture, a seminar, or a degree.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages. 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. Faculty advisors should be consulted about these additional requirements.

Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives. CLEP or challenge examinations are available for this purpose. See page 10 for available CLEP tests.

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

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

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.

BACHELOR DEGREE PROGRAMS

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 pages 24-25 for BBA requirements, and page 24 for B.A. or B.S. requirements.

School of Business BBA and BS degree candidates are reminded to complete the following lower division courses prior to enrolling in upper division courses in the School of Business:

AC-205 Introduction to Financial Accounting
AC-206 Introduction to Managerial Accounting
DP-210 Introduction to Data Processing
EC-201 Principles of Economics-Macro
EC-202 Principles of Economics-Micro
GB-202 Business Law
GB-207 Business Statistics
OA-238 Applied Business Communications
M-105, M-106 Math for Business Decisions, or equivalent

Students are cautioned that upper division standing is a prerequisite for enrollment in 300 and 400 level courses and that several of the lower division courses listed above are specific prerequisites for certain upper division courses in the School of Business.

ACCOUNTING MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Comp .................................. 3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics .................................... 4</td>
<td>4</td>
</tr>
<tr>
<td>General Electives (Areas I, II, III) .......... 9</td>
<td>9</td>
</tr>
<tr>
<td>Total credit hours ............................ 16</td>
<td>16</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Intro to Finance Accounting ................ 3</td>
<td>—</td>
</tr>
<tr>
<td>*Intermediate Accounting ........................ 3</td>
<td>3</td>
</tr>
<tr>
<td>*Principle of Economics ........................ 3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Bus Comm ................................ 3</td>
<td>3</td>
</tr>
<tr>
<td>*Intro to DP .................................... 3</td>
<td>—</td>
</tr>
<tr>
<td>*Statistical Techniques I ........................ 3</td>
<td>—</td>
</tr>
<tr>
<td>General Electives (Areas I, II, III) .......... 4</td>
<td>4</td>
</tr>
<tr>
<td>Business Law I ................................... 3</td>
<td>—</td>
</tr>
<tr>
<td>Total credit hours ............................ 16</td>
<td>16</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>**Inter Accounting II and III .................. 3</td>
<td>3</td>
</tr>
<tr>
<td>**Cost Accounting ................................ 3</td>
<td>3</td>
</tr>
<tr>
<td>**Managerial Accounting ........................ 3</td>
<td>3</td>
</tr>
<tr>
<td>**Intermediate Microeconomics ................. 3</td>
<td>3</td>
</tr>
<tr>
<td>*Income Tax ....................................... 3</td>
<td>3</td>
</tr>
<tr>
<td>**Business Law II ................................ 3</td>
<td>—</td>
</tr>
<tr>
<td>**Basic Mktg Mgt ................................ 3</td>
<td>—</td>
</tr>
<tr>
<td>**Prin of Finance ................................ 3</td>
<td>—</td>
</tr>
<tr>
<td>**Prin of Management ........................... 3</td>
<td>—</td>
</tr>
<tr>
<td>Total credit hours ............................ 15</td>
<td>15</td>
</tr>
</tbody>
</table>

SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>**Advanced Account ............................ 3</td>
<td>—</td>
</tr>
<tr>
<td>**Auditing ................................. 3</td>
<td>3</td>
</tr>
<tr>
<td>**UD Econ Elective ........................... 3</td>
<td>3</td>
</tr>
<tr>
<td>**Human Resource Management .............. 3</td>
<td>—</td>
</tr>
<tr>
<td>**Business Policies .......................... 3</td>
<td>—</td>
</tr>
<tr>
<td>General Electives .............................. 8</td>
<td>11</td>
</tr>
<tr>
<td>Total credit hours ............................ 17</td>
<td>17</td>
</tr>
</tbody>
</table>

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

**Business Courses:** MK 301, GB 202, GB 302, FI 303, EC 303, OA 238, MG 301, MG 401; plus either EC 301 or EC 305.

**Accounting Courses:** AC 205, AC 207, AC 304, AC 306, AC 351, AC 352, AC 401, (or AC 320), AC 405, AC 470.

**Core Courses:** The following courses (or permission of the instructor) are prerequisites for all upper division accounting courses: AC 205, AC 207, E 101, E 102, EC 201, EC 202, GB 207, DP 210; plus M 106 or M 112.

Note: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, AC 482, and DP 420 in their program.

### INFORMATION SCIENCES MAJOR

**Bachelor of Business Administration Program**

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Fin. Accounting (AC 205)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Accounting I</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics (Area II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Accounting II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Programming Techniques</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Applied Bus. Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Law I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Accounting</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Managerial Accounting</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Programming Systems—COBOL</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

**SENIOR YEAR:**

| INTERMEDIATE MICROECONOMICS | 3 |  |
| HUMAN RESOURCE MANAGEMENT | 3 |  |
| DATA PROCESSING APPLICATIONS | 3 |  |
| QUANTITATIVE ANALYSIS FOR BUSINESS |  |
| DECISIONS | 3 |  |
| SYSTEMS ANALYSIS | 3 |  |
| BUSINESS POLICIES | 3 |  |
| ECONOMICS ELECTIVE | 3 |  |
| GENERAL ELECTIVE (Area I, II, or III) | 3 |  |
| ELECTIVES* | 5 | 5 |
| **Total Credits:** | 17 | 17 |

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typing or typing at the Intermediate level or above are required.

### BUSINESS EDUCATION MAJOR

**Bachelor of Business Administration Program**

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Income Taxation</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Secondary School Methods</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Money and Banking</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives (from 2 of 3 areas)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td>18</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.D. Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Methods in Business Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Curriculum and Methods Seminar</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Speech Communication for Teachers (Area II)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Student Teaching</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

**SCHOOL OF BUSINESS**

**FRESHMAN YEAR:**
- Business Math/Machines .................................................. 3
- General Psychology (Area II) ............................................ 3
- Mathematics (Area III) ................................................... 4
- Salesmanship ......................................................................... 3
- Merchandise Analysis ........................................................... 3
- Principles of Retailing ......................................................... 3
- Principles of Economics (Area II) .......................................... 3
- Business Law I ....................................................................... 3
- Retail Buying ......................................................................... 3
- Intermediate or Advanced Typewriting* ................................. 2
- Area III Elective ...................................................................... 3
- Foundations of Education ...................................................... 3
- Statistical Tech I ..................................................................... 3
- Introduction Data Processing ................................................... 3
- *Beginning and Intermediate Shorthand................................. 3

**SOPHOMORE YEAR:**
- Introduction Financial Accounting ........................................... 3
- Introduction Managerial Accounting ........................................ 3
- Principles of Economics (Area II) .......................................... 3
- Business Law I ....................................................................... 3
- Retail Buying ......................................................................... 3
- Intermediate or Advanced Typewriting* ................................. 2
- Area III Elective ...................................................................... 3
- Foundations of Education ...................................................... 3
- Statistical Tech I ..................................................................... 3
- Introduction Data Processing ................................................... 3
- *Beginning and Intermediate Shorthand................................. 3

**JUNIOR YEAR:**
- Basic Marketing Management .................................................. 3
- Secondary School Methods ..................................................... 3
- Office Management ............................................................... 3
- Principles of Management ...................................................... 3
- Advanced Shorthand ................................................................ 4
- Administrative Office Procedures .......................................... 3
- Principles of Finance ............................................................. 10
- Electives (from 2 of 3 areas) ........................................................ 3

**SENIOR YEAR:**
- Methods in Business Education ................................................ 3
- Administration and Coordination of Cooperative Programs ....... 3
- Speech Communication for Teachers ...................................... 3
- Educational Psychology ......................................................... 6
- Business Student Teaching ..................................................... 3
- Business Curriculum and Methods Seminar ......................... 3
- Methods and Materials in Distributive Education ....................... 2
- Technical Writing for Business .............................................. 3
- Business Policies .................................................................... 3
- Electives .................................................................................. 4

**ECONOMICS MAJOR**
Bachelor of Arts Program

**FRESHMAN YEAR:**
- English Composition ............................................................. 3
- Mathematics .......................................................................... 4
- History ................................................................................... 3
- Area I Electives (Other than Economics or History) .................. 3
- Area I Electives (Field Three)* .............................................. 3
- Electives .................................................................................. 3

**SOPHOMORE YEAR:**
- Principles of Economics, Macro ............................................. 3
- Principles of Economics, Micro .............................................. 3
- Literature ................................................................................ 3
- Area I Elective (Field Two)* ................................................. 3
- Science .................................................................................. 4
- Introduction to Managerial Accounting .................................... 3
- Intro to Managerial Acct ....................................................... 3
- Introduction to Data Processing .............................................. 3
- Statistical Techniques ........................................................... 3
- Statistical Techniques II ......................................................... 3

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the Intermediate level or above are required.
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 106 of BSU Bulletin 1978-79)

Graduation requirements for degree in Economics—Social Science Secondary Education Option

1. General University and Basic Core requirements as listed on page 23 of the BSU Bulletin 1978-79.

2. Two approved teaching minors (15 hours each) from:
   a) History
   b) Political Science
   c) Anthropology
   d) Sociology
   e) Geography

3. Economics courses—30 hours
   Required Courses—EC 201, 202, 303 and 305—12 hrs. Other Economics Courses—18 hrs.

4. Accounting—AC 205

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)
SCHOOL OF BUSINESS

- P-312 Adolescent Psychology or
- P-325 Educational Psychology—3 credits
- TE-381 Secondary School Methods—3 credits
- TE-481 Secondary Student Teaching—6 credits

The additional 5 credits may be selected from classes found on p. 106 of the Bulletin.

Student teaching, TE-481, for Economics and other Social Science majors will be conducted during the second 8 weeks of the first semester of the student’s senior year. During the first 8 weeks of that semester the student may take several of the above required Education courses in a Concentrated Course Block (CCB). See p. 106 of the BSU Bulletin. Students should plan to take several of their education courses at this time to ensure the most efficient use of their time.

6. Economics—15 credit hour emphasis
   EC 201 and 202—6 hrs.
   EC 303 and 305—6 hrs.
   Plus any 3 hours of upper division Economics electives.

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

### FINANCE MAJOR

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E101, E102)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (M105, M106)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics (201 &amp; 202)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communication</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective (Area III)</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Elective (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>16</td>
<td>18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Money and Banking</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Financial Management I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Major Elective</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management of Financial Institutions</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Senior Seminar in Finance</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Investment Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Financial Management II</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Bus. Ethics, and Social Resp.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Major Elective</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>General Elective</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

### *Finance Electives*
- Intermediate and/or Managerial and Cost Accounting
- International Economics
- Real Estate Finance
- Senior Seminar in Finance

### GENERAL BUSINESS MAJOR

The General Business major has the choice of two directions in the pursuit of a Bachelor of Business Administration degree. The student may elect to major in General Business with an option in Public Relations or may elect the General Business major with no area of emphasis. This latter option allows the student to gain additional knowledge in all areas of business without concentrating in any one area.

### GENERAL BUSINESS MAJOR

<table>
<thead>
<tr>
<th>No Option</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>Fund. of Speech Communication (Area II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Psychology (Area II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Math (Area III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area II Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area III Elective</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>General Elective (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></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>Economics (Area II) (201 &amp; 202)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Bus Communications</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Data Processing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Elective (Area I, II, III)</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Cost Accounting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making II</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Ethics and Social Resp.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Management I and II</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Gov’t. &amp; Business</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Decisions Analysis</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Organization Dynamics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Inter. Marketing Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Elective (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Elective</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>
### General Business Major

**Public Relations Option**

#### 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>Fund. of Speech Communication (Area II)</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Gen. Psych (Area II)</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Math (Area III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area III Elective</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Listening</td>
<td>—</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

#### Sophomore Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics (Area II) (201 &amp; 202)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Applied Bus. Comm.</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Data Processing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mass Communication</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 15

#### Junior Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Prin. of Management</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Prin. of Finance</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Income and Employment</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Labor Law</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp.</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Reporting &amp; Newswriting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td>—</td>
<td>5</td>
</tr>
</tbody>
</table>

**Total Credits:** 18

#### Senior Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Govt. and Business</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Amer. Society</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Comparative Econ. Sys.</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Industrial Sociology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Social Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Organization Dynamics</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Public Relations</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Policies</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td>—</td>
<td>6</td>
</tr>
</tbody>
</table>

**Total Credits:** 15

### Industrial Business Major

**Sales Option**

#### 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>Algebra, Trig., Calculus</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Essentials of Chemistry (w/lab)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Digital Computer Programming</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Physics I</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Fundamentals</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

#### Sophomore Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics II &amp; III</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Calculus &amp; Anal. Geometry</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Financial Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Managerial Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Data Processing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Applied Bus. Comm.</td>
<td>—</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 16
SCHOOL OF BUSINESS

**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Mechanics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Law I</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Salesmanship</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Consumer Behavior</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Sales Administration</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Cost Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Business Policies</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Business Ethics and Social Resp.</td>
<td></td>
<td>3</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>Quantitative Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compensation Mgt</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Consumer Behavior</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Industrial Sociology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Organization Dynamics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Social Psychology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Govt. &amp; Business</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Business Policies</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**QUANTITATIVE OPTION**

<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>Fundamentals of Speech</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Science elective</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Gen' I Electives (Area I, II, III)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics (201 &amp; 202)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Cost Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Quant. Analysis</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Decisions Analysis</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Elective (Area I, II, III)</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>General Electives (DP-320 suggested)</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Mgmt</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp.</td>
<td></td>
<td>3</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>Bus. Ethics and Social Resp.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Organizational Dynamics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Operations Mgmt</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Business Policies</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Government and Business</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives (DP-420 suggested)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td>3</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantitative Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

**MANAGEMENT MAJOR**

**BEHAVIORAL OPTION**

<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>Fundamentals of Speech</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Science elective</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Gen' I Electives (Area I, II, III)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics (201 &amp; 202)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Managerial Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Finance</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp.</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Personnel Administration</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>
## AVIATION OPTION

### 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>Fundamentals of Speech (Area II)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics (201 &amp; 202)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Financial and Managerial Accounting (205 &amp; 206)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Business Law I</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Pilot Ground School</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Transportation</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></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>Airport Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Airline-Aircargo Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Aviation Law</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Government &amp; Business</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## REAL ESTATE MAJOR

### 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></td>
</tr>
<tr>
<td>Fundamentals of Speech Communication (Area II)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>General Electives (Areas I, II, III)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics (201 &amp; 202)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intro to Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Bus. Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Law of Real Estate</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Regional Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Real Estate Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Appraisal of Real Estate</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Ethics and Social Resp.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Elective (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>4</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>Compensation Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Labor Law</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Industrial Sociology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Organization Dynamics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Collective Bargaining</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Government &amp; Business</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>
SCHOOL OF BUSINESS

SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Government and Bus</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Real Estate Investment and Taxation</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Brokerage Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Major Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Gen'l Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Gen'l Elective</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Real Estate Electives
RE 497 Special Topics
Appraisal Income Property
Tax Factors or Principles of Income Taxation
Urban Economics

MARKETING GLOR (12 hours):

Required for all Marketing Majors
MK-301 Basic Marketing Management
MK-320 Intermediate Marketing Management
MK-415G Marketing Research
MK-425 Advanced Marketing Management

MARKETING ELECTIVES (12 hours):

Choose any four of the following courses
MM-101 Principles of Salesmanship
MK-306 Promotion Management
MK-307 Consumer Behavior
MK-421 Sales Administration
MK-496 Independent Study or MK-493 Internship
EC-317 International Economics

*See course descriptions for former course titles.
**Counts as part of the six hour Area II requirement other than in economics.
***At least 16 hours of electives must be outside of the School of Business. The 16
   hours must include hours from at least two of the three defined areas, I, II, III. Funda-
   ments of Speech Communication counts as three of these 16 hours.

Your Marketing advisor will help you select the 12 hours of Mar-
   keting electives and any other open electives you want to take to
   prepare yourself for a career in marketing. For example, if you are in-
   terested in a career in an area such as sales, advertising, retailing, or
   marketing research, a program of marketing electives and open elec-
   tives can be developed to best suit your individual goals. Consult
   your Marketing advisor.

OFFICE ADMINISTRATION MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives**</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives**</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fund. Concepts of Speech</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Total Electives                             | 16       | 16       |

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Law I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Physical or Biological Science Elective</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Applied Bus. Communications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Statistics</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

| Total Electives                             | 15       | 15       |

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>UO Economics Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Marketing Electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Electives**</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Marketing Mgmt</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

| Total Electives                             | 18       | 15       |

SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Marketing Management*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Marketing Electives</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Policies</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Marketing Research</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives**</td>
<td>8</td>
<td>6</td>
</tr>
</tbody>
</table>

| Total Electives                             | 17       | 15       |

MARKETING MAJOR
Bachelor of Business Administration Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund. of Speech Communications</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Total Electives                             | 16       | 16       |

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Law I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Word Proc-Machine Transcription</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Area III Elective</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Applied Business Communication</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

| Total Electives                             | 16       | 16       |

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secretarial Transcription</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Intro. Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Prin. Finance</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Technical Writing for Business</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives (from 2 of 3 Areas)</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>Principles of Management</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

| Total Electives                             | 16       | 18       |

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Records Preparation and Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Administrative Office Procedures</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

| Total Electives                             |          |          |
Office Management......................... — 3
Human Resource Management............... — 3
Business Policies .......................... — 3
U.D. Electives ................................ 4
Electives (from 2 of 3 areas) ............... 7 —
Intermediate Microeconomics ............... 3 —
U.D. Econ Elective ........................... 3 —

A maximum of 12 credits in shorthand and 4 in typewriting will be applied to requirements for this major.

Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

TWO YEAR PROGRAMS*
FASHION MERCHANDISING**

MID-MANAGEMENT

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Salesmanship</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Clothing</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Business Math/ Machines</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Clothing Selection</td>
<td>— 2</td>
<td>— 2</td>
<td></td>
</tr>
<tr>
<td>Textiles</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Elements of Management</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2 —</td>
<td>2 —</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>— 1</td>
<td>— 1</td>
<td></td>
</tr>
<tr>
<td>17 — 16</td>
<td>16 — 16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

Consumer Marketing......................... 3 —
Fashion Analysis and Design............... 2 —
Fund. of Speech Communication ............. 3 —
Retail Buying ................................ 3 —
Mid-Management Work Experience .......... 2 —
Report Writing ................................ 3 —
Principles of Retailing .................... 3 —
Visual Merchandising ....................... 3 —
Supervision of Personnel ................... 3 —
Elective .................................... 1 —

16 — 16

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

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

OFFICE SYSTEMS
Associate of Science Degree

WORD PROCESSING PROGRAM

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Beginning Shorthand*</td>
<td>4 —</td>
<td>4 —</td>
<td></td>
</tr>
<tr>
<td>Beginning Typing*</td>
<td>2 —</td>
<td>2 —</td>
<td></td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>OA Elective</td>
<td>1 —</td>
<td>1 —</td>
<td></td>
</tr>
<tr>
<td>Fund. Speech-Communication</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>Intermediate typing*</td>
<td>— 4</td>
<td>— 4</td>
<td></td>
</tr>
<tr>
<td>Intermediate Shorthand*</td>
<td>— 2</td>
<td>— 2</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>16 — 16</td>
<td>15 — 15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

Introduction to Financial Accounting | 3 —
Economics | 3 —
Area II Elective | 3 —
Advanced Typing | 2 —
Records Prep. & Mgmt | 3 —
Editing for Word Processing | 1 —
OA Electives | 5 —
Admin. Office Procedures | 3 —
Word Processing, Mach. Trans | 2 —
Word Processing, Mag. Keyboarding | 1 —
Electives | 7 —
17 — 16

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

MARKETING—MID-MANAGEMENT*

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Business Math/ Machines</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Salesmanship</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>Merchandise Analysis</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2 —</td>
<td>2 —</td>
<td></td>
</tr>
<tr>
<td>Elements of Management</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Fund. of Speech-Communication</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>— 1</td>
<td>— 1</td>
<td></td>
</tr>
<tr>
<td>17 — 15</td>
<td>15 — 17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECRETARIAL PROGRAM

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Beginning Shorthand*</td>
<td>4 —</td>
<td>4 —</td>
<td></td>
</tr>
<tr>
<td>Beginning Typing*</td>
<td>2 —</td>
<td>2 —</td>
<td></td>
</tr>
<tr>
<td>Applied Business Communications</td>
<td>3 —</td>
<td>3 —</td>
<td></td>
</tr>
<tr>
<td>Fund. Speech-Communication</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Shorthand*</td>
<td>— 4</td>
<td>— 4</td>
<td></td>
</tr>
<tr>
<td>Intermediate Typing*</td>
<td>— 2</td>
<td>— 2</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>— 3</td>
<td>— 3</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>— 2</td>
<td>— 2</td>
<td></td>
</tr>
</tbody>
</table>

95
SCHOOL OF BUSINESS

SPHOMPHORE YEAR:

1ST SEM. 2ND SEM. 3 3
Intro. to Financial Acct. 3 3
Economics 3 3
Advanced Shorthand 4 4
Advanced Typing 2 2
Records Process & Management 2 2
Area II Elective 3 3
Secretarial Transcription 4 4
Administrative Office Procedures 3 3
Word Processing, Machine Trans. 2 2
Electives 3 3
Upper Division

AC ACCOUNTING

Lower Division

205 Introduction to Financial Accounting (3 credits). (Previously AC 203). This course is designed to introduce the student to the field of contemporary financial accounting as practiced in the United States. The student will study the use of and need for financial statements in the business community. An understanding of financial statements will be accomplished by the student through terminology, the theoretical framework of financial statements, and an overview of the basic double entry accounting cycle. The emphasis in the course will be on obtaining a working understanding of financial statements. Detailed accounting procedures will be included to the extent that the interface between accounting information and the statement user information aids this understanding process. Each semester.

206 Introduction to Managerial Accounting (3 credits). (Previously AC 204). This course is designed to introduce the 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 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 the student through terminology, the theoretical framework of financial statements, and an overview of the basic double entry accounting cycle. The emphasis in the course will be on obtaining a working understanding of financial statements. Detailed accounting procedures will be included to the extent that the interface between accounting information and the statement user information aids this understanding process. Each semester.

304-306 Intermediate Accounting II and III (3 credits each). A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement of net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: AC 205 or its equivalent. Each semester.

Upper Division

307 Intermediate Accounting I (3 credits). (Previously AC 303). A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement of net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: AC 205 or its equivalent. Each semester.

320 Tax Factors in Business Decisions (3 credits). A general introduction for students and business persons to recognize the impact of Federal Income tax decisions 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 420. Prerequisite: AC 205, lower division core or permission of instructor. Each semester.

351 Cost Accounting (3 credits). (Previously AC 391). Theory of cost accounting cost control, including job order, process, direct and standard costs, budgets, and break-even analysis. Emphasis on cost determination as a tool of management and production control. Prerequisite: lower division or permission of instructor. Each semester.

352 Managerial Accounting (3 credits). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory and methods, legal requirements, and control benefits are considered. Prerequisite: lower division core or permission of instructor. Each semester.

401 Principles of Income Taxation (3 credits). (Previously Individual Income Tax). The theory and application of Federal income taxes to individuals, including an introduction to F.I.C.A. and Unemployment taxes and an introduction to State taxes. Degree credit will not be allowed for both AC 320 Tax Factors in Business Decisions and AC 401. Prerequisite: lower division core or permission of instructor. Fall semester.

403 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, and estate and gift taxation. Prerequisites: AC 306 and either AC 300 or AC 401, lower division core or permission of instructor. Spring semester.

405 Auditing (3 credits). A study of the scope and purpose of the work of the Certified Public Accountant as an independent auditor. Topics include professional ethics, legal responsibilities, role of the Securities Exchange Commission: approach to an audit; and accumulation of the evidence upon which the auditor bases his report. Prerequisites: AC 306, lower division core or consent of instructor. Each semester.

420 Systems Analysis and Design (3 credits). Concepts and techniques of the design of information systems. Topics include Systems Theory, Data Collector, Classification, Transmission, and Display; On-line Systems and Time Sharing. Course identical to DP 420. Credit may be earned for both courses. DP 420 and AC 420. Prerequisites: lower division core or permission of instructor. Spring semester.

440G Accounting Theory (3 credits). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation. Income determination and the measurement process may be included for a grade of credit. Prerequisite: AC 306 or by permission of instructor. Spring semester.

450G Data Processing in the Accountant (3 credits). A study of available accounting software, the auditing of electronic systems, and the statistical analyses of accounting data. The computer will be used as the problem solving tool in the three above mentioned areas. Prerequisites: AC 405, lower division core or permission of instructor. Either semester.

470 Advanced Accounting (3 credits). An in-depth study of partnership organization, liquidation and dissolution, business combinations and consolidated financial statements; segment reporting, multinational companies and the international accounting standards including currency exchange rate translations; fiduciary accounting principles, and an introduction to non-profit reporting. Prerequisite: AC 306 or permission of instructor. Either semester.

482 C.P.A. Problems (3 credits). An in-depth consideration of the more complex accounting principles and procedures applied in the undergraduate level. This course is designed to assist the student in preparing for the Certified Public Accountant examination. Prerequisites: AC 405 and AC 470, or consent of instructor. Spring semester.

AV AVIATION MANAGEMENT

Lower Division

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

201 Commercial Pilot Ground School (3 credits). The study of weather, navigation, radio communications, federal air regulations, flight planning, and aircraft. Prerequisite: AC 205. Each semester.

301 Airline and Air Cargo Management (3 credits). The functions of management in airline and air cargo operations. Air carrier familiarization, effect of federal regulations, market analysis, and an introduction to the Federal Aviation Administration. Prerequisites: AC 205. Either semester.

371 Aviation Law (3 credits). This course provides the student with an overview of fundamental aviation law decisions. A chronological coverage of air law, federal and state regulatory functions, liens and security interest in aircraft is emphasized. Each semester.

BE BUSINESS EDUCATION

Lower Division

401 Methods in Business Education (3 credits). Methods and materials of instruction in business subjects. Application of principles of learning and teaching to business education. Must be taken in the semester immediately preceding student teaching. Fall semester.

409 Methods and Materials in Distributive Education (2 credits). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Prerequisite: AC 205. Each semester.

511 Graduate Study in Business Education (3 credits). A study of professional business education including history, philosophy, psychology, and issues and trends. Each of these areas is considered in relation to business education in the public schools. Prerequisite: Graduate Status. Fall semester.

512 Business Research and Communication Techniques (3 credits). Analysis of the scientific method of inquiry and specific research techniques. Evaluation of reports in terms of reliability and validity of conclusions. Development of a critical sense and analytical ability for effective expression of ideas, articles and other forms of operational communications. Opportunities for oral presentations of business information to groups and to lead and participate in such groups as interpersonal communication situations, conferences, meetings and discussions. Prerequisite: Graduate status.

520 Curriculum and Instruction in Shorthand, Transcription, and Office Procedures (3 credits). A study of various techniques available for the improvement of instruction in short-
SCHOOL OF BUSINESS

hand. transcription. and office procedures. includes an analysis of research and its applica-
tion to the improvement of instruction. Also includes the application of psychological prin-
ciples of learning and other technical aspects of instruction. Prerequisite: Graduate Status and con-
sent of instructor. Summer.
530 Curriculum and Instruction In Typewriting, Bookkeeping-Accounting, and Data Pro-
cessing (3 credits). A study of various techniques available for the improvement of in-
struction in Bookkeeping-Accounting. Data Processing, and Typewriting. Includes an analy-
ysis of research and its application to the improvement of instruction. Also includes the ap-
lication of psychological principles of learning and other technical aspects of instruc-
tion. Prerequisite: Graduate Status and consent of the instructor. Spring semester.
540 Curriculum and Instruction in Basic Business and Economics (3 credits). A study of
various techniques available for the improvement of instruction in Basic Business and Eco-
nomics. Includes an analysis of research and its application to the improvement of instruc-
tion. Also includes the application of psychological principles of learning and other tech-
nical aspects of instruction. Prerequisite: Graduate Status and consent of the instructor. Sum-
mmer.
571 Organization and Supervision of Business Education (3 credits). Administrative and
supervisory problems in business education especially from the point of view of the teacher.
A study of problems of the business teacher beyond those involved in classroom teaching.
Areas of study include student services, equipment and supplies, in-service programs; re-
search; program evaluation and development, public and staff relations, and leadership
roles. Prerequisite: Graduate Status and consent of the instructor. Fall.
591 Project (3-6 credits). The scholarly pursuit of original work through research. Prereq-
uisite: Admission to candidacy.
593 Directed Research (Variable credits). Opportunity for the student to pursue a topic of
interest on an individual basis. Prerequisite: Graduate Status and consent of the instructor.
599 Workshop in Business Education (1-3 credits). Intensive study of a selected topic
in business education. May be repeated for a maximum of 3 credits.

DP DATA PROCESSING

Lower Division
210 Introduction to Data Processing (3 credits). A general interest course to acquaint stu-
dents with the fundamentals of automated data processing. The course will introduce the
principles of computerized data processing; systems analysis; problem solution through the
use of logical reasoning skills, the nature and form of the data, and the impact the computer is
having on management and society. Students will have the opportunity to prepare and run computer programs using the University IBM 370 computer system. Each semester.

Upper Division
320 Data Processing Techniques (3 credits). An introduction to computer programming in
a high-level language, and a review of programming systems that are currently in use, in-
cluding: problem definition, organization systems, and techniques systems. Program flowcharting, development and implementation to solve common business problems will be
emphasized. Systems analysis and design activities will be incorporated into class activities.
Prerequisite: DP 210 or equivalent. Each semester.
345 Simulation Techniques (3 credits). Basic concepts in simulation; simulation in busi-
ness including inventory systems and scheduling systems; simulation of decision-making by
individuals and group organizations. Models of varying degrees of sophistication will be
considered and implemented in Fortran IV and other available simulation languages. Pre-
requisite: DP 320 and M 106. Fall semester.
360 Programming Systems—COBOL (3 credits). A specific course based on the COBOL-
programming language that will give the student a capability to write highly sophisticated
programs pertaining to business data processing problems. Prerequisite: DP 210 or equiva-
 lent. Spring semester.
405 Data Processing Applications (3 credits). An in-depth study of current business com-
puter applications and the function of data processing in the business enterprise. Incorpora-
ted into the broad-based study will be consideration of data base, MIS, fraud, computer
acquisition, international computer networks and the ethics and responsibilities of the data
processing profession. Prerequisite: DP 320 and C 210. Fall semester.
420 Systems Analysis and Design (3 credits). Concepts and techniques of the analysis
and design of information systems. Topics include systems theory, tools and techniques of
system analysis, the role of the systems analyst in the business enterprise, and computerized
information systems. Course identical to AC 420. credit may not be earned for both
courses. Prerequisites: DP 210 and AC 205. Spring semester.

EC ECONOMICS

Lower Division
201 Principles of Economics-Macro (3 credits). Introduction to the use of economic prin-
ciples to analyze the aggregate or macroeconomic performance of developed, market
economies. Applications are made to current domestic and international macroeconomic issues. Special attention to the goals and problems of high employ-
ment, price level stability, economic growth, the balance of international payments and the
relevant monetary, fiscal and other policy instruments utilized to accomplish these policy
goals. Each semester.
202 Principles of Economics-Micro (3 credits). An introduction to microeconomic anal-
ysis; covering theory, the supply and demand model, the operating system, and the dis-
tribution of income. The course provides an introduction to some applied areas of econo-
mics such as international, regional, the public sector, and economic deve-
lopment. Each semester.
210 Contemporary Economic Problems (3 credits). A one semester introduction to eco-
nomic concepts and selected contemporary economic problems. Principles are intro-
duced to help analyze problems and point out alternative solutions. Not allowed as part of the
economics major requirements. Not allowed for credit to those students that have taken
EC 201 and 202. Prerequisite: None. Either semester.
219 Environmental Economic Problems: Economics and The Quality of Life (3 credits).
Choices must be made between the kind of economic growth society wants and the result-

FI FINANCE

Lower Division
108 Personal Finance and Investments (3 credits). Aid in meeting the growing complexity
of financial decision making as faced by the individual. How to avoid financial entan-
mements; installment buying, borrowing money, owning or renting a home. Appraisal of sav-
ings alternatives and investing in stocks, bonds, and mutual funds. Understanding security mar-
tets and personal financial planning for personal and family issues. Prerequisite: M 106. Each
semester.
211 Principles of Insurance (Previously RE 320) (3 credits). The course offers presenta-
tion of the principles of insurance and policy analysis together with a discussion of the fun-
damental legal principles involved in insurance contracts. Company practices in relation to
insurance management are stressed as is the field of regulation on both the theoretical and

97
SCHOOL OF BUSINESS

practical applications. All areas of insurance are covered including life, casualty, liability and medical.

Upper Division

303 Principles of Finance (3 credits). A basic survey course of fundamental concepts and techniques of the three major areas of finance corporate, institutional, and investments and their interrelationships. Topical areas covered are an overview of monetary policy by Federal Reserve System and the study of financial theory. Prerequisite: FIN 301. Each semester.

325 Financial Management I (3 credits). (Previously Corp. Financial Mgt.) The study and theoretical analysis of the internal allocation of resources within the business firm and government agencies including working capital management and policy, capital budgeting and investment analysis, risk analysis, financial planning and control, etc. Instructional methods will include the analysis of financial cases and financial modeling. Prerequisites: FIN 303 and FIN 326. Each semester.

326 Financial Management II (3 credits). This course covers critical analysis of different sources of funds, dividend policies, and capital markets. Special topics include refinancing, social responsibilities of the financial manager, problems of financing the multinational firm and analysis of mergers and acquisitions. Cases and readings are used to complement textbook materials. Prerequisites: FIN 303, FIN 325. Spring semester.

417 Management of Financial Institutions (3 credits). Topics treated in this course include: the analysis of problems faced by managers of financial institutions; a study of developments and recent changes in the structuring of the U.S. financial system as they impact on decision making in banking and other savings types institutions; the methods of governmental financing and their effects on the flows of funds in the economy. Contemporary issues such as new legislation, international financial institutions, and social responsibilities are covered. Prerequisites: FIN 303, EC 301. Fall semester.

450 Investment Management (3 credits). This course focuses on the setting for investment, stocks, bonds, commodities and stochastic processes revisiting relationships in investing and speculating; of the efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model in planning investment strategy. Prerequisites: FIN 303, GB 308. Spring semester.

498-499 Senior Seminar in Finance (3 credits each). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds on background developed in regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance students and a particular expertise of the instructor. These courses enable the student to achieve an indepth knowledge of issues which cannot be treated fully in existing courses. Legislative creating sweeping changes in the financial community, computerized financial modeling, international financial management, public utility financial management, option trading, applications of the capital asset pricing model are representative topics.

GB GENERAL BUSINESS

Lower Division

101 Introduction to Business (3 credits). A survey course designed to acquaint the student with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, marketing, finance, personnel administration, and industrial relations. Special emphasis is placed on business vocabulary. Each semester.

202 Business Law I (3 credits). Introduction to the legal system including courts, litigation and lawyers. This course is designed to emphasize specific substantive areas of law contracts, agency, torts, personal property and antitrust aspects of government regulation of business. Each semester.

207 Statistical Techniques for Decision Making I (Previously Business Statistics) (3 credits). This course is designed to provide the student with an understanding and working knowledge of the concepts and techniques pertaining to basic descriptive statistics and the normal distribution, interval estimates, and hypothesis testing will be covered. Prerequisite: M 106. Fall semester.

208 Statistical Techniques for Decision Making II (Previously GB 306) (3 credits). This class enters into the statistical methods beyond those covered in GB 207. The purpose is to provide the student with an exposure to the use of these statistical procedures. The course concentrates on using these procedures in a business decision making environment. Typical topics covered include: simple and multiple regression analysis and Bayesian decision theory. Whenever applicable, computer software programs are used to assist in the learning process. Prerequisites: GB 207, DP 210. Each semester.

Upper Division

302 Business Law II (3 credits). A comprehensive study of the Uniform Commercial Code with emphasis on sales, bulk transfers, documents of title, commercial paper, and secured transactions. Also, the formation, operation, and dissolution of partnerships and corporations, the merger and consolidation of corporations. Prerequisite: GB 202. Each semester.

327 Organizational Behavior (3 credits). The focus of this course is upon the economic and management problems and functions of the transportation industry. The course will cover the organization and structure of the transportation industry as well as the history, development, operations and regulation of firms and types of firms involved in various forms of transportation services.

360 Business Ethics, and Social Responsibility (3 credits). An exploration of business conduct and social responsibility in the light of existing ethical, moral, and social values. The course is designed to enable students to form individual positions on ethical conduct and social responsibility. Fall semester.

366 Quantitative Analysis for Business Decisions (3 credits). This course involves a study of quantitative tools traditionally referred to as operations research techniques. The emphasis is on the illustration of the functional use of these tools and how they can assist in decision making. Topics typically covered include linear programming and critical path analysis. Prerequisites: GB 307, MGT 301. Fall semester.

441 Management and Business (3 credits). This course is intended to give intensive study of student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations will be searched and analyzed as well as selected federal and state regulatory agencies. May be taken for graduate credit. Prerequisite: GB 202. Spring semester.

450 Business Policies (3 credits). This course is designed to develop analytical, problem solving and decision making skills in situations dealing with complex organizations with the ultimate objective of formulating policies and strategies. Both domestic and world-wide. The student will be required to build, upon and integrate tools and methods acquired from a total educational and experience base and to examine problems in all functional areas of the organization. Prerequisite: Completion of the required business core. Each semester.

MK MANAGEMENT

Upper Division

301 Principles of Management (3 credits). This course deals with the history of management, schools of management thought, and the planning, organizing, directing and controlling decisions of management in the individual and the organization. The course concentrates on using these procedures in a business decision making environment and the application of quantitative techniques in management. Prerequisite: M 106. Each semester.

305 Personnel Administration (3 credits). This course provides an in-depth examination of the functions of personnel administration human resource planning, procurement, development, utilization, and compensation—an emphasis on the interrelationships among these functions. Current topics in the law as they affect the personnel functions are considered. Each term. (e.g. O.S.H.A., fair employment regulations, etc.) The role of the personnel department is explored both from the point of view of those operating a personnel department and from the point of view of managers throughout an organization. Prerequisites: MG 301 or consent of instructor.

317 Small Business Management (3 credits). A study of the unique and distinct problems encountered by small business organizations. This course covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis will be placed on small business management techniques as they apply to service retail and production oriented small businesses. Prerequisites: GB 302, GB 318.

330 Labor Law (3 credits). This course offers a survey of the existing body of labor law, along with the historical events and precedents that have shaped this law. The general principles underlying the law and the effect of the law on the workplace. Such issues as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanics of conflict resolution are discussed.

340 Labor Relations (3 credits). This course will cover the history, structure, policies, and operations of labor unions; the functioning of industrial relations activities within organizations; and important concepts and terminology in labor-management relations. The student will be introduced to a code of conflict resolution. Contract administration is emphasized with a focus on the day-to-day relationships between parties. International comparisons of industrial relations systems are made.

401 Human Resource Management (Previously Human Relations) (3 credits). Utilizing concepts and theories from the behavioral sciences this course covers topics essential to effectively manage human resources. Topics covered include perception, motivation, attitudes, power and leadership. Prerequisites: MG 301. Each semester.

405 Organizational Dynamics (3 credits). This course deals with the development of organizational theory including the following specific areas: organizational structure, bureaucracies, organizational influence processes, politics, power and conflict, organizational development and organizational effectiveness. Prerequisites: MG 301. Spring semester.

406 Compensation Management (3 credits). This course involves the implementation, administration, maintenance, and control of a comprehensive compensation program. Topics covered include job analysis, job evaluation, pricing of jobs, supplemental benefits, incentive plans, and performance appraisal. Special attention is given to legislation affecting the compensation field and to the unique compensation problems of select groups in the labor force (e.g., public employees and employees of trans-national enterprises). Prerequisites: MG 305 (Personal Administration). Each semester.

408 Operations Management (3 credits). This course applies the quantitative tools needed in the operations and production management fields for effective decision making. The nature and function of operations and production management and the use of large scale management systems will be covered. Typical topics include process design, facilities layout and location, and aggregate planning. Most types of business environments will be considered. Prerequisites: GB 208, GB 366, MGT 301. Each semester.

409 Decisions Analysis (3 credits). This course will emphasize the decision analysis tools such as probability assessment, utility theory, certainty models, uncertainty models, and Bayesian statistical inference. The emphasis will be on presenting the tools in actual business applications. Prerequisites: GB 208, GB 366, MG 301. Each semester.

415 Collective Bargaining (3 credits.) This course examines the materials and resources utilized in preparation for negotiations. Strategies and tactics are examined. Variable methods of conflict resolution are explored, with an emphasis on the mediation and arbitration processes. Administration of the negotiated agreement is also considered. Special attention is devoted to public sector bargaining. Prerequisites: MG 340 (Labor Relations), MG 330 (Labor Law), or consent of instructor.

MK MARKETING

Upper Division

301 Basic Marketing Management (3 credits). Study of the marketing process with emphasis on reducing complexity and the fundamentals of effective marketing. Topical areas in the organization's strategic plan. The marketing process consists of identifying and interpreting wants and needs of people; selecting the particular wants and needs the organization can serve; and determining the product, price, communication and distribution mixes necessary to satisfy the selected wants and needs. Each semester.

306 Promotion Management (3 credits). The principles, strategies and management of advertising, sales promotion and public relations activities. Coordination and integration of both areas with other elements of the marketing mix is emphasized. The economic and social criticism of advertising particularly the social, ethical and political and social responsibilities inherent in the job. Prerequisite: MK 301. Either semester.

317 Consumer Behavior (3 credits). Analysis of purchase and consumption behavior of the consumer. Applies marketing activities of the firm to social science research concerning
the purchase, use, and meaning of goods and services. Prerequisite: MK 301. Either semester.

320 Intermediate Marketing Management (3 credits). Marketing principles and theories are integrated with analytical and behavioral decision processes. Emphasis is placed on problem analysis, market research, marketing strategies, planning and administering marketing programs. Consumer, industrial, institutional, and international markets are considered. Prerequisite: MK 301. Each semester.

4150 Marketing Research (3 credits). Consideration of the theory and use of research in providing information relative to marketing decisions. The student will obtain experience in formal research methodology by planning and conducting a research project concerning an actual business or governmental problem situation. May be taken for graduate credit. Prerequisites: GB 207, MK 301.

421 Sales Administration (3 credits). Management of a sales organization with particular emphasis on recruiting selection, training, supervision, and compensation of salesmen. Emphasis is also placed upon coordinating and integrating activities of the sales administrator with other functions of the business. Emphasis is on computer marketing the organization. Prerequisites: Management 305 and 306. Each semester.

425 Advanced Marketing Management (3 credits). The case study approach as applied to marketing problems. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisites: MI-301 and MK-405. Spring semester.

MM MARKETING, MID-MANAGEMENT

Lower Division

100 Mid-Management Work Experience (2 credits). Open to students enrolled in the Mid-Management program only. The student must earn 2 semester hours credit for a maximum of 8 semester hours credit. This provides actual work 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 the employer and the program coordinator. Each semester.

101 Salesmanship (3 credits). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesale and manufacturer establishments, analysis of customer behavior and motivation, methods of sales and customer action, interest, desire and action. Special emphasis is given to ethical sales techniques. Either semester.

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

105 Elements of Management (3 credits). A study of the functions of business management: planning, organizing, staffing, supervising, and coordinating. Special consideration is given to the concept of organizational authority and responsibility. Either semester.

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

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

203 Visual Merchandising (3 credits). Objectives and policies of sales promotion; study of the media involved. Requisitions for advertising. Coordinating other factors of sales promotion such as display, selling and other merchandising factors. Preparation of copy, illustration, 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 of the supervisor, individual and organizational needs in regard to human relations are major points of study. Spring semester.

209 Report Writing (3 credits). Prepares the student to write reports for business situations. Emphasis is placed upon the preparation of reports, research methods, and the readability of the finished product. Fall semester.

213 Credit and Collections (2 credits). A survey of the credit field including history, types, credit information, and the function of the credit department. Ethical methods and procedures of collection are given significant treatment. Spring semester.

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

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 are covered in the course. This course exceeds the current minimum 20 hour classroom education requirement of the State of Idaho to take the Real Estate Salesman Exam. Each semester.

RE-220 Law of Real Estate (Previously GB 303, Law of Property) (3 credits). This course is designed to review the laws establishing and governing basic rights of ownership and use of real estate. The course will also discuss the concepts of the modern real estate transaction, the real estate organs of business, and the various legal relationships involved. Prerequisites: GB-202 and RE-201. Each semester.

Upper Division

331 Appraisal of Real Estate (3 credits). This is an intensive course covering modern real estate appraising concepts and the technical skills employed in their application to residential real estate. Prerequisite: RE-201.

340 Real Estate Investment and Taxation (3 credits). This course explores Real Estate from the investor's point of view with special attention to the tax aspects including Risk and Return Analysis, Property Leverage, Discounted Cash Flow, Tax Consequence of Sales, Exchange, Multiple Exchanges, and Computedized Investment Analysis. Prerequisites: RE-220 and FI-303.

360 Real Estate Finance (3 credits). Financial analysis and examination of the intricacies of the real estate mortgage markets, source of mortgage funds, federal government and private mortgage, lending decisions, management of loan portfolios, leasing, construction financing, capitalizing, and financings of specific types of real property. Prerequisites: RE-201, RE-220 and FI-303.

370 Real Estate Development (3 credits). The course is designed to examine the many inter-relationships in the development process. The course will cover the traditional development process including market analysis, feasibility study, land acquisition, zoning, layout and design, construction financing, and selling of the project. In addition, the course will review real estate financing methods and the developer's obligation and concern for problems of energy, environment, transportation, and social acceptability as they relate to the basic national housing market. Prerequisites: RE-201 and MK-301. Spring semester.

431 Appraisal of Income Properties (3 credits). This combination lecture and case study course is devoted entirely to the appraisal of income property. Following a review of the steps leading to the 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 rates are thoroughly analyzed and discussed. Prerequisites: RE-201, RE-331.

450 Real Estate Brokerage Management (3 credits). This course is a capstone course intended to integrate the specialized functional knowledge gained in the Real Estate program including office administration, hiring and personnel management, brokerage sales and promotion, commission structure, ethical behavior and social responsibility, creative li- nancing, professional organizations, and agency relationships. Prerequisites: RE-220, RE-331, RE-340, RE-360.

AO OFFICE ADMINISTRATION

Lower Division

101 Beginning Shorthand (4 credits). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Recommended credit or current enrollment in OA-308. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Both semesters.

107 Intermediate Typing (2 credits). Theory and keyboard operations on the typewriter with application for personal or business use. Fall semester.

107 Intermediate Typing (2 credits). Review of typing fundamentals for development of speed and accuracy with applications of these skills for use. Prerequisite: OA-105 or advance placement. Either semester.

111 Personal Adjustment to Business (1 credit). Designed to develop an insight into the behavior and customs of individuals in a business office through study of why and how people, good decision making, oral communication and case analysis problems. Either semester.

115 Business Mathematics-Machines (3 credits). Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, and graphs are considered, as well as some interpretation of financial papers. The student receives instruction on the ten-key printing calculator, the rotary calculator, and the electronic calculator. Either semester.

121 Intermediate Shorthand (4 credits). Review of shorthand theory with much work in dictation and transcription to improve speed and accuracy. Prerequisite: OA-101 or advanced placement from high school work. Either semester.

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

205 Medical Office Orientation (1 credit). A study of medical receptionist duties, special records and filing systems, legal aspects of medical work, management of the medical office, and ethics and psychology in a medical office setting. Fall semester.

207 Procedures of a Law Office (1 credit). Office procedures and methods as they relate to the work of a legal secretary. Legal terminology and meaning of the language of the law will be stressed. Either semester.

209 Advanced Typing (2 credits). Continued study of typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA-107 or advanced placement from high school work. Either semester.

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

219 Advanced Word Processing for Word Processing (1 credit). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting, and editing. Prerequisites: Grade of C or higher is recommended in OA-218, OA-107. Either semester.

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

238 Applied Business Communications (3 credits). (Previously OA-238—Business Communications). 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. Either semester.

243 Principles of Reportography (2 credits). A course given in the operation of the various kinds of duplicating machines, including the offset duplicator, the stencil and ink duplicator, the offset process copier, and the dry process copier. Instruction will be given in typography, lettering, and writing on the duplicating media of masters, stencils, and mats. An opportunity will be provided to observe and study typography, layout and design, paste-up, dark room techniques, stripping, plate making, and bondage work. Either semester.

99
SCHOOL OF BUSINESS

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 those performed by them. Either semester.

317 Office Management (3 credits). An introduction to the area of information management. The functions of office management including areas such as production, environmental analysis, systems analysis and personnel administration. Spring semester.

338 Technical Writing for Business (3 credits). An in-depth study including the application of interpersonal communication and effective business writing principles through preparation of business and financial reports and technical papers. The case study approach will be used to present a variety of business situations requiring decision-making in business report writing. Prerequisite: QA-238. Either semester.

Graduate

501 Office Systems and Procedures (3 credits). A study of advanced systems and procedures currently in use in business offices. Includes emphasis on technical knowledge and abilities to perform office activities in the following areas: automated office procedures, word processing, cost analysis and control, personnel procedures, systems analysis and flow charting, work flow, supervisory techniques and responsibilities, communications and information systems, record management, and the preparation of office manuals. Prerequisite: Graduate Status. Summer.

GRADUATE PROGRAMS IN BUSINESS

MBA IN BUSINESS

MASTER OF BUSINESS ADMINISTRATION

OBJECTIVES

The purpose of the Boise State University Program leading to the MBA Degree is to further prepare the candidate for a career in business management. The curriculum is keyed to the needs of an individual who has just assumed or is preparing to assume broad managerial responsibilities.

The MBA curriculum at Boise State emphasizes the traditional MBA approach of development of managerial generalists, with a common body of functional knowledge given to all students. There is no area of emphasis or major available, but once a student satisfies the functional core of courses, free electives to achieve a minor degree of concentration are possible.

GENERAL PREREQUISITES FOR APPLICANTS

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet the standards set by the School of Business of Boise State University. Common to all programs is a foundation of prerequisite courses in basic fields of business administration. Students presenting a bachelor's degree in business normally will have completed most of these requirements as part of their undergraduate program. The Master of Business Administration program is also designed to serve the student who has completed his bachelor's degree in non-business fields such as the sciences, engineering, and the liberal arts. Therefore, the student must demonstrate proficiency in the prerequisite courses listed below. These prerequisites may be fulfilled by satisfactory completion of course work in these areas, or by successfully passing the acceptable CLEP examination, and any other local departmental requirements.

MATRICULATION REQUIREMENTS FOR APPLICANTS

All applicants must meet the following undergraduate requirements or must fulfill these requirements prior to enrollment in MBA classes. (New applicants for the MBA program should furnish documentary evidence of GMAT scores and copies of official transcripts upon initial application. For fall enrollment, students should arrange to take the GMAT by July. For spring enrollment, the GMAT should be taken no later than the October or November test date.)

(a) Possession of a bachelor's degree from an accredited institution.

(b) Demonstration of satisfactory academic competency by virtue of acceptable scores achieved by either of the following two formulae:
   200 X overall GPA plus GMAT score must equal 1000 minimum
   200 X junior/senior GPA plus GMAT score must equal 1050 minimum

(c) For foreign students, in addition to the above formulae minimum, a score of 525 on the TOEFL, or its equivalent, is necessary.

*Because of changes in the Graduate Record Examination (GRE), the GRE is no longer used as a prerequisite for admission to the MBA program.

(d) Prerequisite courses or their equivalent:
   1. Accounting (equivalent to one year)
   2. Economics (equivalent to one year)
   3. College level mathematics (equivalent to one year)
   4. Management
   5. Business Law
   6. Marketing
   7. Finance
   8. Data Processing (programming techniques)

Students who are deficient in any prerequisite courses must remove these deficiencies prior to enrollment in MBA 500 level courses. Enrollment in MBA courses without having removed all deficiencies will subject the student to administrative withdrawal, with no recourse, from these MBA courses.

The student may be required to remove other deficiencies as determined by the School of Business.

All applicants must be accepted by the Graduate School of Boise State University in order to achieve the MBA degree.

THE MBA DEGREE

THE GRADUATE DEGREE PROGRAM

The Master of Business Administration degree consists of a minimum of 30 semester hours of credit from the offerings listed on the following pages of other graduate courses suitable to an MBA degree, as accepted by the MBA Admissions Committee.

Required Core Courses

Electives

309 Records Preparation and Management (3 credits).

310 Administrative Office Procedures (3 credits).

317 Office Management (3 credits).

338 Technical Writing for Business (3 credits).

410 Business and Its Environment (3 credits). This course involves examination of the interaction between business and the economic, social, political and legal order, both domestic and worldwide. By utilizing analysis of particular situations, it focuses attention on the broad effects of this total environment upon the administration of business. Emphasis is placed on students testing their own values as they relate the appropriate responsibilities of business to its various publics. The development of personal business ethics is emphasized.

411 Statistical Methods for Business Decisions (3 credits). The purpose of this course is to provide the student with an understanding of those statistical methods used in the business decision process. The emphasis will be on the application of the techniques...
and the reason for their employment in decision processes. Computer application programs are designed to make decision making easier. This course is designed to help students understand the applications of computer programs in making business decisions.

MBA—ELECTIVE COURSES

BE 512 Business Research and Communication Techniques (Previously MB 512). (3 credits). Analysis of the scientific method of inquiry and specific research techniques. Evaluation of reports in terms of reliability and validity of conclusions. Development of a critical sense and analytical ability for effective expression in reports, articles and other forms of operation communications. Opportunities for oral presentations of business information to groups and to lead and participate in such group interpersonal communication situations as conferences, meetings and discussions.

DP-642 Computer Applications for Management (3 credits). An indepth study of the impact of the computer on managers and on the environment in which managers work. Included will be consideration of data-base, MIS, the management decision process, and computer tools that can be used by managers in the decision process. Selected computer applications will be explored.

MG-541 Human Resource Management. (3 credits). This course examines how to effectively manage human resources and include discussion of the supervisory processes that are conducive to reducing labor costs and increasing productivity. Special attention will be given the human, organizational, and environmental constraints which limit managerial actions. Techniques for effectively functioning within these constraints will be discussed.

MK-520 Marketing Problems (3 credits). Analytical approach to marketing problem solving and decision making, covering market definition, personal selling, advertising and sales promotion, channels of distribution, strategy formulation, product development procedures, and customer services. Case study approach is utilized.

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

AC-580 Selected Topics Accounting
DP-581 Selected Topics Information Systems
EC-582 Selected Topics Economics
Fl-583 Selected Topics Finance
MG-584 Selected Topics Industrial Psychology
MG-585 Selected Topics Management
MK-586 Selected Topics Marketing

Underside of Business

SCHOOL OF BUSINESS

UNDERGRADUATE "G" COURSES

(Two may be taken for graduate credit)

AC-440G Accounting Theory (3 credits). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation. Income determination and the measurement process in accounting. The course is recommended for those students planning on the CPA examination. Prerequisite: AC 306 or by permission of instructor. Spring semester.

EC-421G-422G Econometrics (3 credits). The application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. Prerequisite: M-106, or equivalent and permission of the instructor. 421G Fall, 422G Spring.

FI-450G Investment Management (3 credits). This course focuses on the setting for investments, stocks, bonds, commodities, and stock options; risk versus return relationships in investing and speculating; efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model. Prerequisites: FI-303, GB-208 Either semester.

GB-441G Government and Business (3 credits). This course is intended to give intensive study of and student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations will be re-searched and analyzed as well as selected federal and state regulatory agencies. Prerequisite: GB-202. Spring semester.

MK-415G Marketing Research (3 credits). Consideration of the theory and use of research in providing information relative to marketing decisions. The student will obtain experience in formal research methodology by planning and conducting a research project concerning an actual business or governmental problem situation. Prerequisites: GB-207, MK-301.

GRADUATE PROGRAM IN EDUCATION

MAJOR OF ARTS IN SECONDARY EDUCATION

Business Education Emphasis

Admissions and Program

A. The master's degree program is designed to meet the needs of business teachers. Because of the large number of business courses offered at the secondary level and because of the unique 'delivery systems' at that level, the program is designed with flexibility and breadth considered necessary to meet a wide range of needs of those students enrolling.

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university who meet the admission requirement for the degree.

Before Advancement to Candidacy can be granted, the student must:

1. ordinarily show eligibility for certification by the State of Idaho (or any other state), and
2. have completed the following prerequisite courses or their equivalent:

a. Principles of Accounting ........................................... 6 credits
b. Principles of Economics ........................................... 6 credits
c. Business Law ....................................................... 3 credits
d. Data Processing ................................................... 3 credits

e. Marketing .......................................................... 3 credits

B. Program Requirements: A maximum of 14 credit hours may be taken from the School of Business courses (excluding the listed BE courses).

CREDITS

1. Secondary Education Core Courses (see page 102 Teacher Ed.) ........................................... 6 credits

2. Business Courses .................................................. 12 credits chosen from:

a. Business Education: 
   (1) BE-511 Graduate Study in Business Education (required) ........................................... 3 credits
   (2) BE-520 Curriculum and Instruction in shorthand, Transcription, and Office Procedures ........................................... 3 credits
   (3) BE-530 Curriculum and Instruction in Typewriting, Bookkeeping-Accounting, and Data Processing ........................................... 3 credits
   (4) BE-540 Curriculum and Instruction in Basic Business and Economics ........................................... 3 credits
   (5) BE-571 Organization and Supervision of Business Education ........................................... 3 credits
   (6) BE-596 Directed Research ........................................... variable credits
   (7) BE-599 Workshop in Business Education ........................................... 1-3 credits
   (8) BE-599 Workshop in Business Education (required) ........................................... 1-3 credits
   (9) BE-414G Principles and Organization of Vocational Education Programs ........................................... 3 credits
   (10) B- 443G Administration and Coordina-
SCHOOL OF BUSINESS

- Option of Cooperative Programs: 3
- Business Administration: Minimum of 6 credits required chosen from MBA courses and/or "G" courses offered by Departments of Accounting and Data Processing, Management and Finance, Marketing and Mid-Management, Economics, and Mathematics.
- Free Electives: 9
- Option of:
  - Thesis—BE 593: 3-6
  - Project—BE 591: 3-6
  - Additional course work: 3-6
- Any approved 400-level "G" courses limited to 6 credits.

Course Offerings

A. Required Courses
1. TE-560 Secondary Education Core Courses: 6
2. BE-511 Graduate Study in Business Education: 3
3. BE-593 Thesis or BE 591 Project: 3-6

The Department recommends a thesis or project. However, the option of additional hours in Business Education is available upon approval of the Committee Chairman.

B. Elective Courses

Additional courses as selected by the student and his graduate committee to meet program requirements.

Additional Information

A. Culminating Activity and Examination.
Students electing a thesis as a culminating activity will take an oral examination covering the thesis. Students electing additional course work will take a written and/or oral examination covering course work completed during their degree program.

B. While any Master of Business Administration course may be used in the requirement outline in 2.b. above, the following are considered to be courses most likely to be chosen:
- GB-510 Business and its Environment
- BE-512 Business Research and Communications
- MK-520 Marketing Management Concepts
- AC-532 Accounting-Planning and Control
- MG-541 Human Resources Management
- EC-550 Managerial Economics

For additional details contact Department Chairman, Department of Business Education and Office Administration—(208) 313451.
DEPARTMENTS AND FACULTY

CENTER FOR COUNSELING, GUIDANCE AND TESTING:

Director and Professor: Dr. David P. Torbet; Associate Professors: Callao, Nelson; Assistant Professor: Downs.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION:

Chairman and Professor: Dr. Gene Cooper; Professor: Smith; Associate Professors: B. Bowman, S. Button, R. Lewis; Assistant Professors: P. Bowman, J. Boyles, D. Connor, P. Holman, E. Jacoby, B. Jones, C. Sweeney, C. Thorngren, R. Vaughn, S. Wallace, M. Young; Instructors: Fahleson, G. Craner.

DEPARTMENT OF PSYCHOLOGY:

Chairman and Professor: Dr. John L. Phillips, Jr.; Professors: Barshes, Ison, Sickles, Smith; Associate Professors: Dodson, Snow, Steger, Thurber, Wilkinson.

DEPARTMENT OF TEACHER EDUCATION AND LIBRARY SCIENCE:

Chairman and Professor: Dr. John Jensen; Coordinator of Field Services: Dr. Ramlaykha Singh; Professors: Beita, Bieter, Bullington, Dahiberg, Frederick, Kirtland, Marks, Ruyle, Tucker, Young; Associate Professors: Bowman, Comba, Friedli, Hill, Lambert, Martin, Reed; Assistant Professors: French, Green, Sadler, Schmaljohn, Waite, Walker; Instructor: Munns.

READING EDUCATION CENTER:

Director: Dr. William Kirtland Marks, Frederick, Munns

EDUCATIONAL TELEVISION:

Mr. Jack Schlaefle, Director and Assistant Professor

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 aca-
SCHOOL OF EDUCATION

demic nature to students in these and in other major curricula throughout the University. The academic course work is designed to develop ability in and appreciation of scientific thinking about behavior. Professional training is directed primarily toward the mastery of skills that are needed by teachers in the elementary and secondary schools.

TEACHER EDUCATION

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education in the total preparation of elementary and secondary school teachers and librarians.

Teacher Education programs at Boise State University are interdisciplinary in nature; hence, coordination of programs is essential. The development and operation of individual programs is the specific responsibility of the appropriate department with the School of Education serving as the overall controlling organization. Within this pattern of administration the Council for Coordination of Teacher Education Programs has the following functions: (1) to coordinate programs involving two or more departments; (2) to review proposals, policies, and procedures involving two or more departments, and to make recommendations for action; and (3) to consider procedures for follow-up of graduates and to assess needs for teacher education. Membership for the Council comes from the departments associated with the teacher education program.

The Department of Teacher Education is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of Boise State University and the certification requirements of the Idaho State Board of Education. The Department of Teacher Education has an institutional-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 Teacher Education

A. Students preparing to teach must apply for admission to Teacher Education. Normally, this is accomplished during the Sophomore year. This application will be secured and processed as part of the TE-201 Foundations of Education course (required for certification).

Transfer students who have completed an equivalent course in Foundations of Education shall contact the Coordinator of Field Services and apply for admission to Teacher Education.

Admission to Teacher Education must be completed prior to enrollment in TE-451/452 Elementary Curriculum and Methods or TE-381, Secondary School Methods.

B. General requirements for admission to Teacher Education for elementary and secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements include:

1. Filing of the Admission to Teacher Education, or its equivalent.
2. A minimum of Grade "C" in TE-201 Foundations of Education, or its equivalent.
3. Satisfactory test scores on authorized departmental examinations of basic proficiencies. These tests are administered during the TE-201 course, but may be taken by transfer students and in special cases by contacting the Coordinator of Field Services. Students failing to make satisfactory scores on one or more of these examinations will be advised as to the specific weaknesses and remediation will be suggested. Students will be given an opportunity to retake any examination previously failed.
4. Any deviations from the preceding policy must be approved by the Chairperson of the Department of Teacher Education and Library Science.

ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES

A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education Field Services by the following deadlines:

1. Blocks I & II (Secondary) March 1 of the Junior Year Elementary (Fall/Spring)
2. Blocks III & IV (Secondary) October 1 of the Senior Year Elementary (Spring/Fall)

Application forms may be picked up from the Office of the Coordinator of Field Services.

NOTE: Six weeks notice will be required prior to the beginning date of the student teaching assignment, if a student wishes to change semesters (elementary) or specific blocks (secondary).

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

1. Elementary Major
   a. Admission to the School of Education
   b. Recommendation by the faculty advisor or department chairman.
   c. A cumulative grade point average of 2.25.
   d. Elementary Curriculum and Methods, TE-451 and TE-452 taken concurrently with student teaching.
   e. Student teachers assigned to a school for ½ day during two semesters.

   NOTE: Deviations from the above policies must be approved by the chairman of the Department of Teacher Education and Library Science. In reference to "e," all student teachers must be taking TE-451 (Language Arts emphasis) concurrently with student teaching or prior to student teaching.
   f. Senior standing

2. Secondary Option
   a. Admission to Teacher Education
   b. Secondary Option students must complete an Early School Experience either in a subject matter area or arranged through their Foundations of Education instructor.
   c. Recommendation by the faculty advisor or department chairman.
   d. A minimum grade point average of 2.50 in the major field, minor field if applicable, and the education courses completed.
   e. A minimum cumulative grade point average of 2.5.
   f. 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 students teaching.
   g. Senior standing.
   h. 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.

E. Student Teaching can only be taken once. (Refer to PART II ACADEMIC INFORMATION-Academic Regulations)

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:

A. General University Requirements
1. English Composition (E-101-102) 3 or 6 semester cr.
   Note: E-101 may be exempt.

B. Area I Requirements
1. Literature (to include American Literature E 270) 7
2. Second Field (elective): note: may be in performance field …………………… 3
3. Third Field (elective)………………………………………………………………… 3
   Note: Choose second and third field electives from Art, Humanities, Music, Philosophy or Theatre Arts.

C. Area II Requirements
1. History (United States History) HY-151
   HY-152, HY-251, HY-252 …………………… 3
2. Second Field (Geography GG-101) …………………… 3
3. Third Field (Oral Communication elective) …………………… 3
4. Area II Field (Psychology P-101) …………………… 3
   Note: Elementary Education majors to complete a course in U. S. History, GG-101
   (Introduction to Geography), and a course in Oral Communication

D. Area III Requirements …………………… 12
1. A year’s sequence chosen from:
   Biological Sciences (B-101, 102)
   Physical Science (PH-101, 102)
   With additional credits from a field other than
   that chosen to satisfy sequence requirements, or
2. Any three of the following courses:
   Biology (B-100)
   Chemistry (C-100)
   Geology (GO-100)
   Mathematics (M-100)
   Physical Science (PS-100)
   Physics (Astronomy PH-105)
   Note: Elementary Education majors must have courses in both biological science and physical science.

E. Professional Education Requirements
1. 100 Level
   a. TE 171 Early School Experience …………………… 1
   b. M 103-104 Modern Mathematics …………………… 6
   c. MU 101 Music Fundamentals …………………… 2
2. 200 Level
   a. TE 201 Foundations of Education …………………… 3
   b. TE 205 Approaches to Reading …………………… 3
   c. TE 271 Teacher Aide Practicum …………………… 2
   d. TE 291 Education and Psychological Implications for the Exceptional Child in the School …………………… 3
3. 300 Level
   a. MU 371 Music Methods for the Elementary School Teacher …………………… 2
   b. AR 321 Elementary School Art Methods …………………… 3
   c. PE 361 Elementary School Phy-

SCIENCE EDUCATION

SCHOOL OF EDUCATION

BACHELOR OF ARTS (Suggested Program)

FRESHMAN YEAR:
1ST SEM.
E 101 English Composition………………… 3
E 102 English Composition………………… —
B 100 Concepts of Biology………………… 4
Physical Science (C-100, GO-100, PS-100 or PH-105)………………… —
TE 171 Early School Experience………………… —
P 101 General Psychology………………… 3
M 103, M-104 Mod. Math for Elem. Teachers………………… 3
GG 101 Introduction to Geography………………… —
MU 101 Music Fundamentals………………… 2
Elective, Area I Requirement………………… 3

2ND SEM.

SOPHOMORE YEAR:
1ST SEM.
E 270 Survey of American Literature………………… 4
TE 201 Foundations of Education………………… 3
HY 151 United States History………………… —
TE 205 Approaches to Reading………………… —
TE 271 Teacher Aide Practicum………………… —
TE 291 Educ. and Psych. Implic. of the Exceptional Child………………… 3
Electives (Include Area III requirements)………………… 6

2ND SEM.

JUNIOR YEAR:
1ST SEM.
AR 321 Elementary School Art Methods………………… —
MU 371 Music Methods for the Elem. School Teacher………………… 2
PE 361 Elementary School Physical Ed………………… —
P 325 Educational Psychology………………… 3
LS 316 Children’s Literature………………… —
Class in Oral Communication………………… 3
Electives (consider elementary specialty)………………… 8

2ND SEM.

SENIOR YEAR:
1ST SEM.
P 311 Child Psychology………………… 3
TE 410 Elementary School Media I………………… 1
TE 411 Elementary School Media II………………… —
TE 451 Elementary Curriculum and Methods………………… 5

2ND SEM.
SCHOOL OF EDUCATION

TE 471 Elementary Student Teaching .......................... 5
TE 472 Elementary Student Teaching or
TE 473 Student Teaching Special
   Ed .................................................. 5
TE 498 Senior Seminar Elementary
   Education .......................................... 2
TE 499 Senior Seminar Elementary
   Education .......................................... 2
Elective ............................................. 3

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

1. Completion of the Bachelor of Arts degree in Elementary Education.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

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

SECONDARY EDUCATION

The Department of Teacher Education serves as consultant in the establishment of "secondary education options" within each of several subject-matter areas. (See the Secondary Certification Options in the School of Business; the School of Arts and Sciences; and the Physical Education Department in the School of Education.) The Department of Teacher Education does not offer degrees "in secondary education." Students preparing to teach in junior or senior high school should major in the subject-matter fields in which they plan to teach. Each student must complete the required professional education courses and the necessary subject matter major under the direction of an advisor in his major department.

CERTIFICATION REQUIREMENTS
FOR SECONDARY EDUCATION

Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of a baccalaureate degree including education requirements.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the department subject area specialization and the Department of the Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of the subjects to be taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

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

Idaho requires a total of twenty semester credit hours "in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching." These requirements are translated into the following required Boise State University courses:

- TE-201 Foundations of Education .......................... 3 credits
- P-326 Educational Psychology .......................... 3 credits
- TE-381 Secondary School Methods .......................... 3 credits
- TE-481 Secondary Student Teaching .......................... 6 credits

Total .............................................. 15 credits

In addition to these required courses, a student may choose from the following courses (if they are appropriate to his teaching field) to complete the required twenty semester credit hours:

(A student may wish to take more than the minimum twenty credit hours.)

- P 312 Adolescent Psychology .......................... 3 credits
- P 325 Educational Psychology .......................... 3 credits
- TE 356 Production of Audio-Visual Materials .......................... 2 credits
- TE 371 Techniques in Student Motivation and
   Classroom Management ........................................ 3 credits
- AR 351 Secondary School Art Methods .......................... 3 credits
- BE 401 Methods in Business Education .......................... 3 credits
- BE 421 Business Curriculum and Problems .......................... 3 credits
- CM 311 Speech Communication for Teachers .......................... 3 credits
- CM 401 Methods of Teaching Comm .......................... 3 credits
- GS 305 Teaching Science in the Secondary School .......................... 3 credits
- E 301 Teaching English Comp .......................... 3 credits
- E 381 Methods of Teaching Secondary School
   English ............................................. 3 credits
- FL 310 Methods of Teaching Foreign Lang .......................... 3 credits
- HY 211 Methods of Teaching History .......................... 3 credits
- M 490 Mathematics in Secondary Schools .......................... 3 credits
- MU 257 String Instrumental Techniques and
   Methods ............................................. 2 credits
- MU 266 Woodwind Instrumental Techniques
   and Methods ............................................. 2 credits
- MU 368 Percussion Techniques and Methods .......................... 2 credits
- MU 369 Brass Instrumental Techniques and
   Methods ............................................. 2 credits
- MU 371 Public School Music .......................... 2 credits
- MU 385 Choral Methods and Materials .......................... 2 credits
- PE 304 Methods for Teaching Physical Education .......................... 2 credits

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

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

(OR)

(2) A single teaching field of at least 45 semester credit hours.

Following is a list of some of the teaching areas for which Idaho endorses certificates, regardless if the area is a major or a minor teaching field. Included in the teaching fields listed below is the specifically required minimum course content for each field. (Reproduced from the Idaho SDE pamphlet published 1974).

English

Not less than six semester credit hours in composition and not less than six semester credit hours in American and English Literature. The remainder may be distributed in the related fields of speech, drama, and journalism.

Speech-Drama

Credits spread over both fields with not less than six semester credit hours in each. For separate endorsement in speech or drama, not less than fifteen semester credit hours in the field to be endorsed.

Journalism

Not less than fifteen semester credit hours in journalism and the remainder, if any, to be chosen from English.

Social Studies

Not less than six semester credit hours in American History and not less than three semester credit hours in American Government.
In addition, work in two of the following fields to be represented: world history, geography, sociology, economics, and anthropology.

American Government

Not less than six semester credit hours in American Government, six semester credit hours in American History and three semester credit hours of comparative government.

American History

Not less than nine semester credit hours in American History and not less than three semester credit hours in American Government. The remaining work is to be in history and political science.

Biological Science

Credits distributed in the areas of botany and zoology, including at least six semester credit hours in each. Some work in physiology is recommended.

Physical Science

At least eight semester credit hours in chemistry and eight semester credit hours in physics.

General Science

Credits to include work in each of the following fields: physical, biological and earth science.

Mathematics

Credits to include work in algebra, geometry and trigonometry.

Physical Education

Credits distributed to include work in anatomy or physiology and health education.

Secretarial Science

Six semester credit hours in shorthand and at least one course in intermediate or advanced typewriting. The other credits are to be distributed in business courses which ensure knowledge of office machines, business and office practices and procedures.

Bookkeeping

Credits in business subjects, including at least one course in intermediate or advanced typewriting and not less than six semester credit hours of accounting with additional work in business law and business administration.

Business Education

Credits to include work in each of the following fields: typewriting, shorthand, accounting and office machines. Additional work may be selected from business law, business administration, retail merchandising, economics and office procedures.

Driver Education

An Idaho Driver Education teacher shall:

Have four semester credit hours which shall consist of not less than two semester credit hours in basic driver education for teachers and followed by not less than two semester hours in courses such as the following:
Advanced driver education, general safety education, traffic engineering, driving simulator education, 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 on September 1, 1968.

Music

Credits to include work in theory and harmony, applied music (voice, piano, organ, band and orchestra instruments), History and Appreciation, Conducting, and music methods and materials.

Arts and Crafts

Credits to include work in four of the following areas: woodworking, drafting, ceramics, leather work, plastic, the graphic arts and art metal.

Foreign Languages

Credits must be in the language in which an endorsement is sought.

SECONDARY STUDENT TEACHING

Secondary Education Student Teaching for 1978-79—

Student teaching will be offered in 4 blocks of nine weeks each, all day. The first nine weeks will accommodate physical education majors, summer school candidates, transfers from other institutions and, if necessary, those who will graduate in December. The second nine weeks block will be reserved for history and social science majors, mathematics majors, and, if necessary, for students who will graduate in December. Business Education, English, and Music majors will teach the third nine weeks block (first nine weeks of second semester); the fourth block of nine weeks will service all science, art, speech and drama, and foreign language majors for the student teaching assignment. Permission for any deviation to the above placement of major fields must be granted by the Chairman of the Department of Teacher Education.

NOTE: The Department of Teacher Education has under consideration a plan to move to a semester long student teaching program beginning the fall of 1979.

Concentrated Course Blocks and Student Teaching 1978-79—

The student will take a group of subjects (6-9 semester hours) during the balance of the semester, complementing the assigned student teaching block.

Scheduling by Departments

Art

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

CCB Choices: (8-9 credits)

Production of Audio-Visual Materials, TE 356 (2)
Educational Psychology, P 325 (3)
Secondary School Methods, TE 381 (3)

Business

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

CCB Choices: (8-9 credits)

Production of Audio-Visual Materials, TE 356 (2)
Speech Communication for Teachers, CM 311 (3)
Business Curriculum and Problems, BE 421 (3)
Secondary School Methods, TE 381 (3)
Note: BE 401 Methods in Business Education (3) is to be taken the semester preceding student teaching.

Communications (Speech)

Student Teaching No. 4 (6 credits)

CCB No. 3

CCB Choices:

Production of Audio-Visual Materials, TE 356 (2)
Secondary School Methods, TE 381 (3)

English

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

CCB Choices:

Production of Audio-Visual Materials, TE 356 (2)
Speech Communication for Teachers, CM 311 (3)
Secondary School Methods, TE 381 (3)
Note: E 318 Methods of Teaching Secondary School English (3) is to be taken the semester preceding student teaching.
SCHOOL OF EDUCATION

Foreign Languages
Student Teaching No. 4 (6 credits) CCB No. 3
CCB Choices:
  Production of Audio-Visual Materials, TE 356 (2)
  Educational Psychology, P 325 (3)
  Methods of Teaching Foreign Language, FL 310 (3)
  Secondary School Methods, TE 381 (3)

History
Student Teaching No. 2 (6 credits) CCB No. 1
CCB Choices:
  Production of Audio-Visual Materials, TE 356 (2)
  Educational Psychology, P 325 (3)
  Speech Communication for Teachers, CM 311 (3)
  Secondary School Methods, TE 381 (3)
  History—Civil War and Reconstruction, HY 354

Mathematics
Student Teaching No. 2 (6 credits) CCB No. 1
CCB Choices:
  Production of Audio-Visual Materials, TE 356 (2)
  Educational Psychology, P 325 (3)
  Secondary School Methods, TE 381 (3)
  Foundations of Geometry, M 311 (3)
  Mathematics in Secondary Schools, M 490 (3)

Music
Student Teaching No. 3 (6 credits) CCB No. 4
CCB Choices:
  Production of Audio-Visual Materials, TE 356 (2)
  Secondary School Methods, TE 381 (3)
  (Music courses to be arranged)

Physical Education
Student Teaching No. 1 (6 credits) CCB No. 2
CCB Choices (8-9 credits)
  Production of Audio-Visual Materials, TE 356 (2)
  Techniques and Methods of Coaching
  Women's Gymnastics (Co-ed) PE 336 (2)
  Psychology of Activity, PE 401 (3)
  Organization and Administration of Interscholastic Athletics
  (Co-ed) PE 430 (2)
  Secondary School Methods, TE 381 (3)
  Historical Era, HY 354

Sciences
Student Teaching No. 4 (6 credits) CCB No. 3
CCB Choices: (8 credits)
  Production of Audio-Visual Materials, TE-356 (2)
  Educational Psychology, P-325 (3)
  Secondary School Methods, TE-381 (3)

Social Science
Student Teaching No. 2 (6 credits) CCB No. 1
CCB Choices: (8-9 credits)
  Production of Audio-Visual Materials TE 356 (2)
  Educational Psychology, P-325 (3)
  Speech Communication for Teachers, CM-311 (3)
  Secondary School Methods, TE-381 (3)
  History—The National Era, 1815-1848, HY-354

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.

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-464 Teaching and Organizational Strategies in Early Childhood Education. 3 credits.
4. TE-465 Creativity 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 Dance for Children. 2 credits.
2. PE-358 Precep. Motor Prog's. for Kindergarten and Special Education Teachers. 2 credits
3. TE-291 Educational and Psychological Implications for the Exceptional Child in School. 3 credits.
4. TE-371 Techniques in Student Motivation and Classroom Management. 3 credits.
5. TE-430 Diagnosis of the Mildly and Moderately Handicapped. 3 credits.
6. TE-431 Remediation of the Mildly and Moderately Handicapped. 3 credits.
7. TE-440 Instructional Materials for the Exceptional Child. 3 credits.
8. TE-596 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, of which 12 must be in the areas of media selection, organization and administration, cataloging and classification, and reference, and bibliography. Students must be able to type.

Up to six semester credit hours in the subject areas listed below may be substituted for an equal number of hours in the field of educational media, for the purpose of meeting the requirements for the endorsement:

  Philosophy of Education
  Educational Administration
  Curriculum Design or Development
  Pedagogy or Methods of Instruction
A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the library staff, or with the library science instructor, for guidance in planning his undergraduate program. These basic courses which follow, however, will give suitable academic training for librarians in small public libraries of the area, who are unable to afford graduate library schools:

1. Required Courses (27 credit hours)
   a. TE-171 Early School Experience .................................. 1
   b. TE-271 Teaching Aide Practicum .................................. 2
   c. TE-291 Educational & Psychological Implications for the Excep. Child in School .................................. 3
   d. TE-371 Techniques in Student Motivation & Clsrn. Mgmt .................................. 3
   e. TE-430 Diagnosis of the Mildly/Moderately Handicapped .................................. 3
   f. TE-431 Remediation of Mildly/Moderately Handicapped .................................. 3
   g. TE-440 Instructional Materials for Excep. Child .................................. 3
   i. TE-499 Senior Seminar in Elem./Sp. Ed .................................. 2
   k. PE-358 Corrective Reading in the Elem. School .................................. 3
   l. TE-450G Behavior Interventions Tech .................................. 3
   m. TE-462 Curriculum in Young Child Life .................................. 3
   n. TE-464 Teaching and Organizational Strategies in Early Child Life .................................. 3
   o. TE-496 Independent Study in Mental Retardation .................................. 3

2. Elective Courses (minimum 3 credits)
   a. TE-440 Instructional Materials for Excep. Child .................................. 3
   b. TE-450G Behavior Intervention Tech .................................. 3
   c. TE-462 Curriculum in Early Childhood .................................. 3
   d. TE-464 Teaching and Organizational Strategies in Early Childhood .................................. 3
   e. TE-496 Independent Study in Mental Retardation .................................. 3

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, learn and individual sports, and in rhythmic and creative activities.
3. To develop an understanding of self through movement experiences.
4. To acquire knowledge and understanding of the rules, courtesies, customs, strategies, and techniques of several sports.
5. To improve social competency and emotional stability through participation in sports activities.

The elective program includes beginning level activities, and intermediate level activities. No courses may be repeated for credit. **(Exception: PE 108 Adaptive Physical Education may be repeated for credit)**

**ELECTIVE ACTIVITIES ARE:**

- Dance:
  - International Folk Dance*
  - Modern Dance*
  - Recreational Dance
  - Social Dance

- Individual Sports:
  - Archery*
  - Badminton*
  - Billiards
  - Bowling*
  - Fencing*
  - Golf*
  - Gymnastics*
  - Handball & Court Games*
  - Skiing
  - Tennis*

- Martial Arts:
  - Defensive Tactics
  - Judo*
  - Karate*
  - Self Defense*

- Outdoor Recreational Activities:
  - Backpacking & Camping
  - Fly Casting & Fly Tieing
  - Target & Trap Shooting
  - Bicycle Touring
  - Cross Country Skiing
  - Alpine Skiing
  - Ice Skating

- Physical Fitness Activities:
  - Adaptive Physical Education
  - Fitness Activities
  - Jogging
  - Weight Training
  - Yoga

- Team Sports:
  - Basketball *
  - Field Hockey *
  - Touch Football
  - Rugby
  - Soccer *
  - Softball
  - Team Handball
  - Track & Field
  - Volleyball *

- Water Activities:
  - Kayak & Canoeing
  - Advanced Lifesaving

**SKIN & SCUBA DIVING**

- Spring Board Diving
- Swimming*
- Water Polo
- Water Safety Instruction

**More than one level of instruction is offered in this activity.**

**REQUIREMENTS FOR PHYSICAL EDUCATION MAJOR**

**Bachelor of Science Degree**

A student must complete the following requirements to receive a Baccalaureate degree in Secondary Physical Education:

1. The general University requirements for the Bachelor of Science Degree as listed in the BSU bulletin (page 23) with specific requirements in areas I, II, and/or III as determined by the physical education department.

2. The general graduation requirements of the School of Education and the certification requirements of the State Department of Education as listed in the BSU Bulletin (pages 105-108). Students selecting the Pre-physical Therapy option need not fulfill this option.

3. The requirements of the Physical Education Department:
   - (a) The 28 credit core requirement
   - (b) All other required courses listed in the option of the student's choice.

**PHYSICAL EDUCATION CORE REQUIREMENTS**

(Required of all Physical Education Majors)

- PE 100 Health Education ......................................... 3 Credits
- PE 101 Introduction to Physical Education ....................... 1 Credit
- PE 105 First Aid .................................................. 2 Credits
- PE 113 Basic Movement ............................................ 1 Credit
- PE 115 Gymnastics ............................................... 1 Credit
- PE 117 Field Sports .............................................. 1 Credit
- PE 141 Swimming .................................................. 1 Credit
- PE 149 Resistance Training and Conditioning Procedures ............ 1 Credit
- PE 202 Principles of Physical Education ......................... 2 Credits
- PE 230 Anatomical Kinesiology .................................. 2 Credits
- PE 304 Methods for Teaching Physical Education ................ 2 Credits
- PE 309 Evaluation in Physical Education ......................... 3 Credits
- PE 310 Physiological Kinesiology ................................ 2 Credits
- PE 401 Psychology of Activity .................................. 3 Credits
- PE 457 Organization and Administration of Physical Education ........ 3 Credits

**TOTAL CORE REQUIREMENTS:**

28 Credits

**ATHLETIC TRAINER OPTION**

**GRADUATION REQUIREMENTS**

(Satisfies Educational Requirements for N.A.T.A. Certification)

**GENERAL COLLEGE REQUIREMENTS**

- English Composition .................................................. 3-6 Credits
- Electives ...................................................................... 12 Credits

**AREA I**

- F 101 General Psychology ........................................... 3 Credits
- CM 111 Fundamentals of Speech Communication or
  CM 311 Speech Communication for Teachers ................... 3 Credits
- Electives ...................................................................... 6 Credits

**AREA III**

- C 103 Preparation for College Chemistry ........................ 1 Credit
- C 107-C 109 Essentials of Chemistry ............................. 6 Credits
- C 108-C 110 Chemistry Laboratory ................................. 3 Credits
- Z 111-Z 112 Human Anatomy and Physiology .................. 8 Credits
AREA II and/or AREA III
Electives .......................................................... 3-4 Credits

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core ........................................... 28 Credits
HE 207 Nutrition .................................................... 3 Credits
Additional Physical Education Courses Required
PE 228, PE 305, PE 311, PE 402, PE 451, PE 493 (6 cr.), Coaching Methods (4 cr.) .......... 22 Credits

TEACHER EDUCATION REQUIREMENTS
TE 201, TE 381, TE 481, P 325 or P 312 ..................................... 15 Credits
Electives .................................................................. 3 Credits
Additional Electives ..................................................... 6 Credits

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

SECONDARY PHYSICAL EDUCATION OPTION
GRADUATION REQUIREMENTS

GENERAL COLLEGE REQUIREMENTS
English Composition .............................................. 3-6 Credits

AREA I Requirements
Electives ................................................................. 12 Credits

AREA II
P 101 General Psychology .......................................... 3 Credits
CM 111 Fundamentals of Speech Communication
or
CM 311 Speech Communication for Teachers ................. 3 Credits
Electives .................................................................. 6 Credits

AREA III
C 103 Preparation for College Chemistry ..................... 1 Credit
C 107-C 109 Essentials of Chemistry ......................... 6 Credits
C 108-C 110 Chemistry Laboratory .......................... 3 Credits
Z 111-Z 112 Human Anatomy and Physiology .............. 8 Credits

AREA II and/or III
Electives ................................................................. 3-4 Credits

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core ........................................... 28 Credits
HE 207 Nutrition .................................................... 3 Credits
Additional Physical Education Courses Required
PE 143, PE 212, PE 214, PE 217, PE 228, PE 241, PE 305, PE 311, PE 361, PE 451, Coaching Methods (2 credits) .......... 19 Credits

TEACHER EDUCATION REQUIREMENTS
TE 201, TE 381, TE 481, P 312 ..................................... 15 Credits
Electives .................................................................. 3 Credits
Additional Electives ..................................................... 11 Credits

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

ATHLETIC COACHING OPTION
GRADUATION REQUIREMENTS

GENERAL COLLEGE REQUIREMENTS
English Composition .............................................. 3-6 Credits

AREA I Requirements
Electives ................................................................. 12 Credits

AREA II Requirements
P 101 General Psychology .......................................... 3 Credits
CM 111 Fundamentals of Speech Communication
or
CM 311 Speech Communication for Teachers ................. 3 Credits
Electives .................................................................. 6 Credits

AREA III Requirements
C 103 Preparation for College Chemistry ..................... 1 Credit
C 107 Essentials of Chemistry .................................. 3 Credits
C 108 Chemistry Laboratory .................................... 1 Credit
Z 107 Human Anatomy and Physiology ...................... 4 Credits
Electives .................................................................. 3-4 Credits

SCHOOL OF EDUCATION

AREA II and/or III Requirements
Electives ................................................................. 9 Credits

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core ........................................... 28 Credits
HE 207 Nutrition .................................................... 3 Credits
Additional Physical Education Courses Required
PE 143, PE 212, PE 217, PE 228, PE 311, PE 430, PE 493, Coaching Methods (4 credits) .......... 15 Credits

TEACHER EDUCATION REQUIREMENTS
TE 201, TE 381, TE 481, P 312 ..................................... 15 Credits
Electives .................................................................. 3 Credits

SECOND TEACHING FIELD
Department Certification Requirements in Minor Field to be Satisfied ................................................. 12 Credits Min.

TOTAL: .................................................................. 128 Credits Min.

ELEMENTARY PHYSICAL EDUCATION OPTION
GRADUATION REQUIREMENTS

GENERAL COLLEGE REQUIREMENTS
English Composition .............................................. 3-6 Credits

AREA I
MU 101 Music Fundamentals .................................... 2 Credits

AREA II
P 101 General Psychology .......................................... 3 Credits
P 311 Child Psychology ............................................. 3 Credits
CM 111 Fundamentals of Speech Communication
or
CM 311 Speech Communication for Teachers ................. 3 Credits
Electives .................................................................. 3 Credits

AREA III
C 103 Preparation for College Chemistry ..................... 1 Credit
C 107 Essentials of Chemistry .................................. 3 Credits
C 108 Chemistry Laboratory .................................... 1 Credit
Z 107 Human Anatomy & Physiology ...................... 4 Credits
Electives .................................................................. 3-4 Credits

AREA II and/or III Electives .............................................. 9 Credits

PHYSICAL EDUCATION MAJOR REQUIREMENTS
Physical Education Core ........................................... 28 Credits
Additional Physical Education Courses Required
PE 143, PE 212, PE 305, PE 311, PE 402, PE 451, PE 493, Coaching Methods (4 credits) .......... 19 Credits

TEACHER EDUCATION REQUIREMENTS
TE 201, TE 381, TE 481, P 312 ..................................... 15 Credits
Electives .................................................................. 3 Credits
Additional Electives ..................................................... 13 Credits

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

ELEMENTARY PHYSICAL EDUCATION MINOR

CREDITS
PE 100 Health Education ........................................... 3
PE 101 Introduction to Physical Education .................... 1
PE 105 First Aid ....................................................... 2
PE 145 Professional Activities (Women) ................. or
PE 147 Professional Activities (Men) ...................... 2
PE 148 Professional Activities (Men) ...................... 2
PE 245 Professional Activities (Women) .................... 2
PE 310 Physiological Kinesiology ..............................
PE 357 Dance for Children ........................................ 2
PE 361 Elementary School Physical Education ............

111
SCHOOL OF EDUCATION

Methods .......................................................... 3
PE 451 Adaptive and Corrective Physical Education 3
Coaching Methods ............................................. 4

TOTAL .............................................................. 33

ATHLETIC COACHING MINOR

PE 100 Health Education ......................................... 3
PE 101 Introduction to Physical Education ...................... 1
PE 103 First Aid .................................................. 2
PE 145 Professional Activities (women) or
PE 147 Professional Activities (men) .......................... 2
PE 228 Introduction to Athletic Injuries ......................... 2
PE 230 Anatomical Kinesiology ................................ 2
PE 304 Secondary School Physical Education Methods ...... 2
PE 420 Principles of Physical Education ........................ 2
PE 401 Psychology of Activity .................................. 3
PE 430 Organization and Administration of Athletics .... 2
PE 493 Internship in Physical Education (Coaching) ........ 3
Coaching Methods ............................................. 6

TOTAL .............................................................. 32

PHYSICAL EDUCATION FOR THE EXCEPTIONAL CHILD OPTION

Physical Education Core Program ................................ 28
Professional Activity Electives .................................. 5
PE 202 Principles of Physical Education ......................... 2
PE 228 Introduction to Athletic Injuries ......................... 2
PE 381 Elementary School Physical Education Methods ...... 2
PE 359 Kindergarten & Special Education Physical Education Methods .................................................. 3
PE 357 Dance for Children ....................................... 2
PE 451 Adaptive & Corrective Physical Education ........... 2

TOTAL .............................................................. 46

PRE-PHYSICAL THERAPY OPTION

Physical Education Core Program ................................ 28
Professional Activities Electives ................................ 2
PE 228 Introduction to Athletic Injuries ......................... 2
PE 202 Principles of Physical Education ......................... 2
PE 231 Biomechanical Kinesiology .............................. 2
PE 402 Athletic Training & Sports Medicine ................... 2
PE 451 Adaptive & Corrective Physical Education ........... 2
PE 493 Internship in Physical Education (Physical Therapy) 3

Total .............................................................. 47

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 prepara-

ration to perform psychological services. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.

Any student who is planning a career of counseling in the schools should major either in Elementary Education or in some subject-matter area that includes a Secondary Education Option. Psychology courses often are explicitly prescribed parts of such programs, additional courses may be taken as electives.

Every psychology major, must sit for the Graduate Record Examination (both " Aptitude" and "Advanced") at some time during his senior year and have the results sent to the Department.

REQUIREMENTS FOR
PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science

CREDITS

I. Lower division: A. Psychology (see: Area II, below)

1. Area I .............................................................. 15-18

English Composition ............................................. 3
Literature .......................................................... 3
Second Area I field* ........................................... 3
Third Area I field* ............................................... 3
Any Area I field* .................................................. 3

2. Area II ................................................................ 15

History ......................................................... 3
General Psychology P-101 ....................................... 3
Physiological Psychology, P-225 ............................ 3
Intro to Practice of Psych, P-201 ............................. 3
Third Area II field .................................................. 3

3. Area III ............................................................. 18

Mathematics for the Life Science, M-115-116 .......... 10
Human Physiology and Anatomy, Z-111-112 .......... 8

II. Upper Division: A. Psychology ........................................ 25

1. Statistical Methods P-305 .................................... 3
2. Experimental Psychology P-32 ......................... 4
3. Psychological Measurement P-421 ...................... 3
4. Learning, P-441 .............................................. 3
5. Psychological Systems P-461 ............................. 3
6. Electives in psychology ....................................... 9
B. Upper Division Electives ..................................... 15

III. Free electives (37-40 credits)

NOTE: Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.

*excluding performance courses
** excluding performance courses

(Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
</tr>
<tr>
<td>*English Comp. E-101, 102</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Art, Drama, Music or Humanities</td>
<td>3</td>
</tr>
<tr>
<td>*Human Physiol. and Anat., Z-111-112</td>
<td>4</td>
</tr>
<tr>
<td>History of Western Civ. H-101 and H-102</td>
<td>3</td>
</tr>
<tr>
<td>*General Psychology, P-101</td>
<td>3</td>
</tr>
<tr>
<td>Elective(s)</td>
<td></td>
</tr>
<tr>
<td>Literature</td>
<td></td>
</tr>
<tr>
<td>*Math for Life Sciences, M-115, 116</td>
<td>5</td>
</tr>
<tr>
<td>Physical and Cultural Anthropology, AN-201, 202</td>
<td>3</td>
</tr>
<tr>
<td>*Physiological Psych., P-225</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Practice of Psych., P-201</td>
<td>3</td>
</tr>
<tr>
<td>Elective(s)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOPHOMORE YEAR:</td>
<td></td>
</tr>
<tr>
<td>Literature</td>
<td></td>
</tr>
<tr>
<td>*Math for Life Sciences, M-115, 116</td>
<td>5</td>
</tr>
<tr>
<td>Physical and Cultural Anthropology, AN-201, 202</td>
<td>3</td>
</tr>
<tr>
<td>*Physiological Psych., P-225</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Practice of Psych., P-201</td>
<td>3</td>
</tr>
<tr>
<td>Elective(s)</td>
<td></td>
</tr>
</tbody>
</table>

112
COURSES

SCHOOL OF EDUCATION

PE PHYSICAL EDUCATION

100 Health Education (Coed) (3 credits). Health education covers a wide variety of subjects, as nutrition, diseases, health needs and services, drugs, family living and personality skills. Emphasis will be placed on self-adjustment towards effectively functioning in a changing environment. Required of all PE majors. Either semester.

101 Introduction to Physical Education (Coed) (1 credit). Required of all prospective Physical Education Majors. An orientation course designed to give the prospective physical education teacher an understanding of what is involved in the profession: duties of physical educators, procedures used by physical educators, employment opportunities, certification requirements. First semester.

102 Kayaking and Canoeing (Coed) (1 credit). The basic kayaking and canoeing course is designed for students who wish to learn about the water craft. The objective of the course is to teach safe handling skills, self-rescue skills, techniques to use in helping others or rescuing others who are in trouble and ways to apply the basic skills in a safe and efficient manner. Students must have sufficient swimming ability to maintain themselves in the water 10 minutes. Must be able to jump into deep water fully clothed and float. Pass safety for 10 minutes. Either semester.

110 Introduction to Recreation (Coed) (2 credits). Designed to acquaint the student with the growth and development of community recreation and the role of community recreation in our present day society. Spring semester.

112 Billiards (Coed) (1 credit). Designed to teach the basic skills of billiards, with special emphasis on playing procedures. Students will be introduced to game situations where they can improve on their individual skills. Either semester.

113 Modern Dance (Coed) (1 credit). Provides opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Work will encompass improvement of body flexibility, balance, coordination and relaxation through use of modern dance techniques. Either semester.

124 Beginning Backpacking and Camping (Coed) (1 credit). Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, choice of camping sites, basic outdoor cooking skills, minor first-aid skills, and emphasizes ecology in the outdoors. Students will furnish their own equipment and transportation. Either semester.

135 Beginning Karate (Coed) (1 credit). Karate may be defined as a weaponless means of self defense. The Karate techniques are based on the theory of energy concentration. The essence of Karate is concentration of the mental and physical powers possessed by every human being. Students will learn the basic techniques. Either semester.

136 Flyingcast and Steam Strategy (Coed) (1 credit). For fly fisherman only. Techniques of flycasting, including single haul and double haul methods of presentation will be taught. Principles of insect, mimic, and territorial imitation will be explained and practiced. Techniques associated with the care, selection, and handling of various freshwater anadromous fishes will be emphasized. Students must provide their own equipment and transportation. Either semester.

141 Swimming (Coed) (1 credit). Professional Activities. Instruction and practice in swimming (Required in some options). Either semester.

142 Basketball and Volleyball (Coed) (1 credit). Professional Activities. Instruction and practice in basketball and volleyball (Required in some options). Either semester.

149 Resistance Training and Conditioning Procedures (Coed) (1 credit). Professional Activities. Instruction and practice in resistance training activities. (Required of all P.E. Majors. Either semester.)

152 Beginning Skin and Scuba Diving (Coed) (1 credit). Basic water safety, skills and knowledge: floating, bobbing, diving, rhythm breathing, treading water, and introduction to the crawl, side stroke, elementary backstroke. For students that do not know how to swim. Either semester.

154 Beginning Yoga (Coed) (1 credit). Gentle yoga exercises of stretching and controlled breathing, to promote flexibility, balance, relaxation, meditation, and integration of body and mind. Either semester.

156 Beginning Badminton (Coed) (1 credit). The course covers basic skills in badminton to encourage skill development, understanding and appreciation of the game. Either semester.

163 Beginning Volleyball (W) (1 credit). The course consists of participation in volleyball with emphasis on fundamental skills, rules, and basic team strategy. Either semester.

164 Beginning Volleyball (M) (1 credit). A beginning class in volleyball with the basic fundamentals and team strategies of volleyball emphasized. Also, basic skills drills used for skill improvement. General game situations and team participation are brought to a level of fun activity of skill that the beginning player can handle. Either semester.

165 Beginning Basketball (W) (1 credit). The course consists of participation in basketball with emphasis on fundamental skills, rules, and basic team strategy. Either semester.


168 Beginning Field Hockey (W) (1 credit). The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.

172 Softball (W) (1 credit). The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring semester.

173 Beginning Soccer (M) (1 credit). Participation in soccer with emphasis on skill development, rules, and team strategy. Either semester. Fall 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 controlling the Judo partner. Either semester.

175 Beginning Self-Defense (Coed) (1 credit). The defensive tactics are presented in the forms of Aikido, Judok, and Karate, teaching coordination of the mind and body and nonaggressive projection of the laws of gravity. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Either semester.

179 Rugby (M) (1 credit). Introductory course to provide skills, rules and team play for the beginner. Either semester.

180 Archery (Coed) (1 credit). The course is designed for the beginning archery student to practice participation in the fundamental techniques of all phases of archery, target, field, clout, golf, novelty, etc. Either semester.

181 Beginning Golf (Coed) (1 credit). The course is designed for the beginning golf student to provide instruction in the fundamental techniques of all phases of golf. The student will also be acquainted with the rules, regulations and proper etiquette of the game. Either semester. Green fee approximately $10.00.

182 Track and Field (1 credit). The course consists of participation in track and field events with consideration of fundamental skills and rules for meets. Spring semester.

183 Handball (M) (1 credit). A class designed to teach techniques and skills of handball with special emphasis on playing procedures. Students will be introduced to game situations where they can improve on their individual skills. Either semester.

184 Recreational Dance (Coed) (1 credit). A course in the fundamentals of dance, designed to increase the knowledge and skill of the student. The course includes folk, square, round, mixer, and basic social dances. Either semester.

185 Fitness Activities (W) (1 credit). A class designed to meet individual fitness needs of students. Includes muscular strength and endurance, flexibility, cardiorespiratory endurance, and percent body fat. Weight and figure control are prime objectives of the course. Either semester.

186 Fitness Activities (M) (1 credit). A class designed to improve techniques and skills for individual fitness, with emphasis on drills and general physcial conditioning programs for individual needs. The students will also be introduced to a wide variety of physical activities where new and old skills can be used to improve total physical fitness. Either semester.

187 Beginning Folk Dancing (Coed) (1 credit). A class designed to teach beginning counting and release of energy, group dancing. Dances included are waltz, cha-cha, foxtrot, rumba, tango, lindy, and various novelty dances. Either semester.

189 International Folk Dancing (Coed) (1 credit). Instruction and application of basic steps and patterns used in folk dances from different countries. Either semester.

190 Beginning Bowling (Coed) (1 credit). Designed to teach the basic skills of bowling, including approach and delivery, handicaps and scorekeeping. Either semester. Bowling fee approximately $10.00.
219 Alpine Skiing (Coed) (1 credit). An Introduction to the various techniques of skiing. Students will pay an instruction fee and lift fee at Bogus Basin. Students will furnish their own equipment and lift fee. Spring semester. Students will pay an instruction fee and lift fee at Bogus Basin.

220 Defensive Tactics (Coed) (1 credit). The course consists of physical defense against one or more persons; personal arrest; control and restraint, familiarization with control devices. The purpose of this course is to give the student an understanding of the various techniques used in producing effective results under conditions. Spring semester.

222 Touch Football (M) (1 credit). A class designed to teach techniques and skills of touch football. Instruction will be given on offensive and defensive procedures. Students will be introduced to a variety of offensive and defensive strategies used in the game. Fall semester.

224 Cross-Country Skiing (Coed) (1 credit). An introduction to cross-country skiing. Instruction will be given both individually and in small groups. Fall semester.

225 Intermediate Golf (Coed) (1 credit). Professional Activities. Instruction and practice in golf. Spring semester. The course qualifies the student for an ARC WS1 Certificate. Prerequisite: A current ARC Water Survival Certificate and an ARC swimmer level of 50 yards and an interest in learning to play the game. Autumn semester.

226 Beginning Golf (Coed) (1 credit). An introduction to the game of golf. This course is designed for those students who have completed golf 181 or who consider themselves to be beyond the beginner stage of the game. Prerequisite: C 107 & Z 107 or Z 130. Either semester.

227 Beginning Archery and Bowling (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

228 Introduction to Athletic Injuries (Coed) (2 credits). An introduction to athletic training, care prevention, and rehabilitation. The role of the Athletic Trainer, qualifications and responsibilities, as they relate to physical education and athletics. Prerequisite: C 107 & Z 107 or Z 130 and Sophomore standing. Either semester.

229 Intermediate Basketball (Coed) (1 credit). The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or PE 161. Either semester.

230 Advanced Modern Dance (Coed) (1 credit). Continuing technique study encompassing the fundamental techniques of dance and their relationship to athletic preparedness. Prerequisite: PE 153. Either semester.

231 Advanced Karate (Coed) (1 credit). This course provides for continuation of the techniques learned in Beginning Karate. Instruction will be given in improved technique and in advanced combat patterns. Prerequisite: PE 101 or experience. Either semester.

232 Advanced Archery and Bowling (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

234 Advanced Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

235 Intermediate Badminton (Coed) (1 credit). The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or PE 161. Either semester.

236 Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport. Instruction will be given on the techniques and skills necessary for effective fencing, with special emphasis on development of basic skills. Prerequisite: PE 101 or experience. Either semester.

237 Beginning Gymnastics (W) (1 credit). The course covers basic skills for women on the trampoline, uneven parallel bars, balance beam, sidehorse, and tumbling. Either semester.

238 Advanced 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 PE 161. Either semester.

239 Intermediate Gymnastics (W) (1 credit). This course covers advanced skills for women on the trampoline, uneven parallel bars, balance beam, sidehorse, and tumbling. Either semester.

240 Advanced 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 PE 161. Either semester.

241 Tennis and Badminton (Coed) (1 credit). Professional Activities. Instruction and practice in tennis. (Required in some options). Either semester.

243 Advanced Modern Jazz (Coed) (1 credit). This course is designed for those students who have completed the beginner course or other courses, or have taken other dance courses. Prerequisite: experience in dance. Either semester.

244 Cross-Country Skiing (Coed) (1 credit). This class is designed to give the student some of the techniques of cross-country travel, as a winter sport and safety. Students will participate in the winter travel program. Students will furnish their own equipment and lift fee. Spring semester.

245 Advanced Varsity 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 PE 161. Either semester.

246 Advanced Intermediate Golf (Coed) (1 credit). Professional Activities. Instruction and practice in golf. Spring semester. Students will pay an instruction fee and lift fee at Bogus Basin.

247 Beginning Women's Intermediate Gymnastics (W) (1 credit). Review of beginning and development of intermediate routines. Prerequisite: PE 253, Beginning gymnastics or Instruction. Either semester.

248 Advanced Intermediate Badminton (Coed) (1 credit). Advanced basic skills, teaching of advanced techniques learned in Beginning Karate. Instruction will be in greater depth in the art of Karate. Advanced form to encourage participants to seek advanced degrees. Students will furnish their own equipment and lift fee. Spring semester. Prerequisite: PE 175 or experience. Either semester.

249 Advanced Self-Defense (Coed) (1 credit). The course is a continuation of Self-Defense using Aikido, Ju-jitsu, and Karate, teaching coordination of the mind and body and non-assertive application of the natural laws of gravity and force. It is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their own equipment and lift fee. Spring semester. Prerequisite: PE 175 or experience. Either semester.

250 Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

251 Beginning Women's Intermediate Gymnastics (W) (1 credit). This course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or PE 206. Either semester.

252 Intermediate Swimming (Coed) (1 credit). A review of basic skills and strokes, plus optional strokes, appropriate self-rescue skills, games, diving, and contests. Prerequisite: Swim 50 yards. Either semester.

253 Advanced Lifesaving (Coed) (1 credit). This ARC swimming course includes: personal safety, self-rescue skills, and rescue training. Prerequisite: Good health and ability to swim 500 yards. Either semester.

254 Water Safety Instructor's Course (Coed) (2 credits). The course includes: A review of the Water Safety Instructor's course, teaching of rescue skills relative to those courses, general information for instructors, and practice teaching. Students will receive a certificate of completion at the end of the program. Prerequisite: A current ARC Water Safety Chain. Either semester.

255 Intermediate Fencing (Coed) (1 credit). This course is designed for those students who have completed the advanced fencing course or who feel they are beyond the basic beginning stages of fencing. The course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or PE 206. Either semester.

256 Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport. Prerequisite: experience in fencing. Either semester.

257 Beginning Swimming (Coed) (1 credit). An introduction to the various techniques of swimming. Students will pay an instruction fee and lift fee at Bogus Basin. Students will furnish their own equipment and lift fee. Spring semester. Prerequisite: Good health and ability to swim 500 yards. Either semester.

258 Advanced Fencing (Coed) (1 credit). An introduction to the various techniques of fencing. Prerequisite: PE 169 or experience. Either semester.

259 Advanced Bowling (Coed) (1 credit). Includes the finer skills of bowling—playing the lanes, playing the angles, analyzing the game. Common faults, symptoms and remedies. Advanced techniques and technical information. Prerequisite: PE 190 or experience. Either semester. Bowing fee approximately $10.00.

260 Intermediate Golf (Coed) (1 credit). Professional Activities. Instruction and practice in golf. Spring semester. The course qualifies the student for an ARC WS1 Certificate. Prerequisite: A current ARC Water Survival Certificate and an ARC swimmer level of 50 yards and an interest in learning to play the game. Autumn semester.

261 Advanced Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

262 Advanced Varsity Golf (Coed) (1 credit). Professional Activities. Instruction and practice in golf. (Required in some options). Either semester.

263 Advanced intermediate Badminton (Coed) (1 credit). The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or PE 161. Either semester.


265 Advanced Intermediate Golf (Coed) (1 credit). Professional Activities. Instruction and practice in golf. Spring semester. Students will pay an instruction fee and lift fee at Bogus Basin.

266 Intermediate Gymnastics (W) (1 credit). Review of beginning and development of intermediate routines. Prerequisite: PE 253, Beginning gymnastics or Instruction. Either semester.


268 Intermediate Cross-Country Skiing (Coed) (1 credit). An introduction to the various techniques of cross-country skiing. Instruction will be given both individually and in small groups. Spring semester.

269 Beginning Women's Intermediate Gymnastics (W) (1 credit). This course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or PE 206. Either semester.

270 Advanced Women's Intermediate Gymnastics (W) (1 credit). This course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or PE 206. Either semester.

271 Advanced Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

272 Advanced Field Hockey (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

273 Beginning Women's Intermediate Gymnastics (W) (1 credit). This course is designed for those students who have completed the beginner course or who feel they are beyond the basic beginning stages of gym. The course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or PE 206. Either semester.

274 Advanced Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

275 Advanced Intermediate Golf (Coed) (1 credit). Professional Activities. Instruction and practice in golf. Spring semester. Students will pay an instruction fee and lift fee at Bogus Basin.

276 Advanced Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.

277 Advanced Track and Field (Coed) (1 credit). Professional Activities. Instruction and practice in track and field. (Required in some options). Either semester.
Skills, the development of skills and the application of various methods of instruction at the primary and intermediate grades. Prerequisite: Junior standing. Either semester.

401 Psychology of Activity (Coed) (3 credits). Concepts of learning, value formation, motiva
tion and performance as they relate to the beginning and advanced levels of skill learn-
ing. Measurement and evaluation of the psychological components. Prerequisite: P 101; Physi-
ological Kinetics PE 310 and Junior standing. Either semester.

402 Athletic Training and Sports Medicine (Coed) (3 credits). The course presents the
advanced theory in the technique of athletic training, for the professional athletic
trainer. Recognition and understanding of specific care and rehabilitation, therapeutic mo-
dalities, and their introduction to Athletic Injuries PE 228 and Physiological Kinetics
PE 310. Either semester.

425 Problems in Teaching Physical Education (Coed) (2 credits). CCBIII. A course for
senior students who have completed student teaching. Students will mutually consider
problems encountered in student teaching and attempt to solve them. The resources of the
entire physical education staff, plus outside experts will be used. Opportunities for individual
research will be provided. Prerequisite: Student teaching. Fall semester.

430 Organization and Administration of Interscholastic Athletics (Coed) (2 credits). The
organization and management of interscholastic athletics including nature and function of
budgeting, finance, personnel, facilities, equipment, supplies, scheduling records, public
relations, legal responsibilities, professional relationship, and professional advancement.
Prerequisite: Secondary School Physical Education Methods.

451 Adaptive and Corrective Physical Education (Coed) (2 credits). Survey of common
deficiency of posture, functional disturbances, together with a review of current chil-
dren. Consideration of the extent and limitations of the teacher's responsibility for improve-
ment of physical defects. Prerequisite: Anatomical Kinetics PE 230 and Junior standing.
Either semester.

457 Organization and Administration of Physical Education (Coed) (3 credits). Study of
departmental organization, Instructional and recreational programs, supervision of instruc-
tion, physical plant, pupil records. Prerequisite: Either semester.

471 Techniques and Methods for Coaching Women's Volleyball and Field Sports
(Coed) (2 credits). The course is designed to prepare women to teach and coach team
sports. Emphasis is placed on the coaching of women's and girls' teams. Prerequisite: PE 230,
drills and practice sessions, and advanced team strategy. Sports considered will be
field hockey, volleyball, track and field, and softball. Prerequisite: Secondary School
Physical Education Methods. Either semester.

498 & 293 Internship in Physical Education (Coed) (1-6 credits). A field experience in
Physical Education related area that provides a structured practicum related to the students
professional background and career objectives. The program is primarily concerned with
the understanding of the theory and practices of the activity to which the student is as-
signed. Required for graduation in Physical Education in some options. (Students in the
M 115, 116; Statistics P 305. Either semester.

201 Intro to Practice of Psychology (3 credits). An exposure to psychology as it is actually
applied as professional practice in public and private settings. Direct interaction, through lecture and discussions, with psychologists who are employed in a wide variety of specific
occupations. Prerequisite: General Psychology 101 and consent of instructor. Spring sem-
ister.

225 Physiological Psychology (3 credits). A survey of classical and current problems, with
emphasis on nervous and endocrine systems in the processing of information with the or-
ganization of behavior. Examples of sensation, perception, motivation, emotion, and learn-
ing are considered from various point of view. Prerequisites: General Psychology 101, and
111-112 Human Physiology and Anatomy. Fall semester.

P PSYCHOLOGY

Upper Division

(NOTE: Upper-division psychology courses are saved for upper-division students.)

301 Abnormal Psychology (3 credits). A descriptive approach to the study of the etiology,
development and dynamics of behavioral disorders, together with a review of current pre-
ventive and remedial practices. Prerequisite: General Psychology 101. Either semester.

305 Statistical Methods (3 credits). Statistical concepts and methods used in psychological and
social sciences. Topics covered will include: measures of central tendency and of variability,
correlation measures, probability, and simple analysis of variance. Prerequisite: Mathematics of the Life Sciences M 115-116. Each semester.

311 Child Psychology (3 credits). A study of development and adjustment from conception to
adulthood. Consideration will be given to both psychological and constitutional factors,
including the role of heredity, and to problem areas. Prerequisite: Psychology 101.

312 Adolescent Psychology (3 credits). Chronologically a continuation of Child Psychol-
ogy P 311. the course will emphasize the special conditions of adolescent growth and ad-
justment. Consideration will be given to maturational and social patterns, and to behavioral
problems. Prerequisite: Psychology 101. Either semester.

321 Experimental Psychology (4 credits). The application of scientific methodology to the
study of behavior. Design of experiments, methods of analysis and interpretation of data, re-
porting of behavioral research. Two lectures and two-hour laboratory periods per week.
Prerequisite: General Psychology 101. Statistical Methods P 305 and Mathematics for the

325 Educational Psychology (3 credits). A critical examination of some psychological concepts
which have relevance to the process of education. Prerequisite: General Psychology
101. Either semester.

341 Perception (3 credits). A survey of the basic concepts in the psychology of perception,
including a review of the findings of recent research on the receptor processes. Prere-
quisite: General Psychology 101. Spring semester.

351 Personality (3 credits). A study of the major contemporary theories and concepts of per-
sonality. Prerequisite: General Psychology 101. Either semester.

353 Psychoanalytic Psychology (3 credits). Human emotion and motivation from the
perspectives of Freudian theory and its derivatives. Prerequisite: Gen. Psych 101. Sugg-
ected for psychology course—either earlier or late—Personality 351. Spring semester, alter-
ate years. Not offered 1977-78.

357 Peer Counseling: The Helping Relationship (3 credits). This course will explore re-
levant aspects of the helping relationship, especially those problems that will be faced by
on college staff members involved in counseling students. Emphasis will be placed on
on working effectively through communications and fundamental counseling skills through
the proper counseling program. Options and helpful activities will be discussed. This
class will be advantageous for dormitory resident assistants and students in future
employment for these staff positions, teacher education students, community mental health

401 Senior Review Practicum (3 credits). A systematic coverage of the general principles
and essential details of psychology and an opportunity to teach others to themselves. Semin-
cusations of problems related to the materials covered. Practical experience in managing
large classes and especially in rendering academic assistance to beginning students. Semi-
inar discussion of difficulties encountered by those student & e.g. test anxiety and poor
study habits & of methods of presenting subject-matter. Prerequisites: Senior or second-
semester junior standing in psychology with an upper-division GPA above 3.0. Plus selec-
tion by the Department. Each semester.

405 Advanced Statistical Methods (3 credits). Statistical concepts and methods com-
monly used in the treatment of data in the social sciences will be covered. These include ad-
vanced analysis. of variance and multiple regression. Data will be collected and analyzed
on the basis of data used. Prerequisite: General Psychology 101, Mathematics for the Life Sciences M 115-116 and Statistical Methods P 305. Fall semester.

413 Social Psychology (3 credits). Social factors affecting individual behavior, formation
and change of attitude; social and cultural effects on individual cognitions, effects of lead-
ership on groups of members and organizations. This course may be taken for Psychology or
Social Science credit but not for both. Prerequisite: General Psychology 101 and introduction to
Sociology 101. Each semester.

435 Psychology of Motivation (3 credits). Survey of experimental and theoretical studies of
motives in animals and men. Prerequisite: General Psychology 101. Mathematics 115-116,
Statistical Methods P 305. Either semester.

441 Learning (3 credits). Fundamental concepts of learning, with emphasis on recent de-
velopments in the field. Topics to be covered include conditioning, classical and operant
conditioning, memory, discrimination, and motor skills. Prerequisite: General Psychology 101,
Mathematics for the Life Sciences M 115-116, Statistical Methods P 305. Experimental
Psychology P 321 may be taken before or concurrently with Learning. Fall semester.

461 Systems Seminar (3 credits). Theories and controversies of the past and present. Prere-
quisite: Senior standing in Psychology. Spring semester.

495 Senior Thesis (3 credits). An individual research project in psychology. The project is
selected by the student, and his proposal must be approved by the instructor before he may
enroll. Recommended projects are those which will contribute to the body of psychological
knowledge. or will apply psychological principles to practical problems. Recommended for
psychology students planning on graduate school. Prerequisites: General Psychology P 101,
Mathematics for the Life Sciences M 115-116, Statistical Methods P 305, Experimental
Psychology P 321; and consent of the instructor. Fall semester.

499 Systems Seminar (3 credits). Theories and controversies of the past and present. Prerequisite: Senior standing in Psychology. Spring semester.

Graduate

503 Individual Testing Practicum (3 credits). Emphasis in the work will be on the tech-
niques and procedures of administering and scoring current, standardized intelligence
tests. In addition, relevant empirical studies and theoretical formulations will be intensively
surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics
M 115, 116; Statistics P 305; and Psychological Measurement P 421. Open to qualified sen-
tor consent of instructor. Limited enrollment. Spring semester. Three years. Not of-
f ered 1977-78.

TE TEACHER EDUCATION

Lower Division

108 Efficient Reading and Effective Study Skills (2 credits). This course is designed to
develop the reading and study skills of the college student. Among the topics covered
are standard study techniques, taking examinations, vocabulary building, comprehension of reading ma-
terials, and the main ideas of paragraphs. In addition, students are taught how to use the
reading. Many activities are employed, including multimedia techniques to aid student develop-
ment. Consideration is given to the needs of students who are speakers of English as a
second language. Each semester.

171 Early School Experience (1 credit). An experience in an elementary or special educa-
tion classroom involving observation and assistance to the teacher. Requires a minimum of
290 classroom experience and permission of the instructor. Program is coordinated by the
Department of Teacher Education and Library Science. Required of all elementary
education majors. Each semester. Prerequisite: TE 201. Foundations of Educa-
tion.

201 Foundations of Education (3 credits). This is a general introductory course in
education. The intent of the course is to provide the student, as early as possible in his
academic career, some familiarity with the teaching profession. The course provides compo-
Nents in the foundations area including social, cultural, philosophical and historical perspec-
tives of education. In addition, an attempt is made to inspect current educational issues and
problems as they relate to the four basic components. Admission to the Teacher Education
SCHOOL OF EDUCATION
371 Teacher Aide Practicum (2 credits). As a part of the total school pre-professional experience of teachers, this sophomore level course provides an opportunity for students to become familiar with practical problems of school teaching. Included are a two-hour orientation with a university supervisor and approximately 40 hours of direct aide experience in a cooperating elementary or special education school classroom. Assignments to classrooms and scheduling of a student aide hours are arranged in cooperation with the cooperating school. Periodic seminars and evaluations are arranged by the university supervisor. Prerequisite: TE-171. Fall-Spring semester.

291 Educational and Psychological Implications for the Exceptional Child in School (3 credits). This course is designed to acquaint the student with identification of the moderately and severely handicapped student and his educational needs. Emphasis is given to the development of appropriate instructional materials and methods of teaching. The course is designed to aid prospective elementary or special education teachers in effectively dealing with exceptional children, to make the development of the curriculum for the mentally retarded and the teacher's influence in the implementation. Fall semester.

411 Elementary School Media (1 credit). The second semester of Elementary School Media, is designed to give elementary teachers experience in the production and utilization of instructional materials and media. Use of various approaches in working with children will be individualized to meet the needs of the student. Spring Semester.

412 Curriculum In Early Childhood Education (3 credits). All areas of the curriculum will be explored. The use of various approaches in working with children will be individualized to meet the needs of the student. Spring Semester.

413 The Remediation of the Mildly and Moderately Handicapped (3 credits). Emphasis is placed on the recognition and development of the prescriptive educational needs of the student indicating mild or moderate handicaps. The course provides the teacher with tools for promoting the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE-430 or consent of the instructor.

440 Instructional Materials for the Exceptional Child (3 credits). Opportunities for the planning, use and evaluation of instructional materials for special exceptionalities will be a format of this course. Students will develop procedures that the teacher of the exceptional student can use in the classroom. Emphasis is to regard to the materials and methods. Prerequisites: Special Education Instructional Materials Center, and other resources will provide the materials and equipment for the course. Fall semester.

480 Behavior Intervention Techniques (3 credits). This course is designed for teachers, counselors, and administrators to gain understanding of the principles of behavior and the application of behavioral analysis procedures. The major emphasis will be based upon the Learning Theory Model and will focus on the role and the relationship of their behavior to the environment. Prerequisite: TE-291. Spring semester. Summer.

451 Elementary Curriculum and Methods I (5 credits). The first semester of Elementary Curriculum and Methods with an emphasis upon language arts. However, all aspects of curriculum are included. To be taken concurrently with Student Teaching 471. Fall semester.

452 Elementary Curriculum and Methods II (5 credits). The second semester of Elementary Curriculum and Methods I. To be taken concurrently with Student Teaching. Prerequisites: Elementary Curriculum and Methods I, TE-451. To be taken concurrently with Student Teaching TE-472. Spring semester.

461 Child Behavior in Early Childhood Education (3 credits). The influence of home and school environments will be examined in relation to child behavior. Theoretical, methodological, and practical applications of various approaches in working with children will be individualized to meet the needs of the student. Spring semester.

465 Creating Materials In Early Childhood Education (ages 0 thru 8) (3 credits). Students will learn to make, for their classroom needs, learning materials and items suited to meet the developmental and educational needs of the classroom. Special interest areas such as sensory, manipulative, creative, and motor skills will be explored. The use of various approaches in working with children will be individualized to meet the needs of the student. Fall semester.

466 Teaching and Organizational Strategies In Early Childhood Education (ages 0 thru 8) (3 credits). Learning Centers, instructional materials, software and hardware individualization of instruction, small and large group instruction and video equipment will be covered. The role of the home, parents, and community in the preschool classroom will be discussed along with techniques for evaluating their progress. The use of British Infant and Primary Schools will be explored in depth as will various United States open-classroom models. Spring semester.

467 Advanced Driver Education (2 credits). A course designed to provide advanced preparation in principles and practices of driver education, traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE-233. Spring, Summer semester.

468 Elementary Student Teaching (3 credits). Observation and supervised teaching in the schools of Boise. Summer semester.

469 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching, Senior standing, and G.P.A. 2.50. Fall semester.


473 Elementary Student Teaching In Special Education (5 credits). Observation and supervised teaching in special education. Prerequisites: (1) Admission to Teacher Education; (2) Special Methods of Teaching; (3) Other special methods course in the teaching area with a minimum grade of C-. Senior standing. GPA of 2.50 in major field. A cumulative GPA of 2.50. 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. Spring semester.

480 Teacher's Aide Practicum I (2 credits). A course designed to provide practice and supervised teaching of evaluation of the student indicating mild or moderate handicaps. The course provides the teacher with tools for promoting the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE-430 or consent of the instructor.

481 Teacher's Aide Practicum II (2 credits). A course designed to provide practice and supervised teaching of evaluation of the student indicating mild or moderate handicaps. The course provides the teacher with tools for promoting the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE-430 or consent of the instructor.

490 Library Science (3 credits). Introduction to the reading process, goals and dynamics of reading. The student will gain skills necessary in teaching the moderately and severely handicapped. Upgrading of information and skills related to research in this area will be given high priority. Students will be required to read recent literature, participate in classroom activities, develop and defend their own curricular segments, and pass the course examination. Prerequisites: Approval of an Application for Student Teaching and teacher placement. Spring semester.

491 Teacher's Aide Practicum III (2 credits). A course designed to provide practice and supervised teaching of evaluation of the student indicating mild or moderate handicaps. The course provides the teacher with tools for promoting the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE-430 or consent of the instructor.

492 Library Science (3 credits). Introduction to the reading process, goals and dynamics of reading. The student will gain skills necessary in teaching the moderately and severely handicapped. Upgrading of information and skills related to research in this area will be given high priority. Students will be required to read recent literature, participate in classroom activities, develop and defend their own curricular segments, and pass the course examination. Prerequisites: Approval of an Application for Student Teaching and teacher placement. Spring semester.
Upper Division

301 Library Organization and Administration (3 credits). An introduction to the development, organization, and management of all types of libraries, with emphasis on the school library and its place in the instructional program. First semester.

*311 Reference and Bibliography (3 credits). Introduction to the principles and techniques of reference work; the evaluation and use of basic reference books, indexes, and bibliographies found in school and small public libraries. Fall semester.

316 Children's Literature (3 credits). Emphasis on selection, wide reading, and evaluation of books for children, and reading guidance in relation to both personal and current needs. Required of elementary education majors and elementary school librarians. Recommended for public librarians, parents and any who work with children. Literature intended to increase awareness and understanding of minority cultures is included. Members of minority groups are given opportunity to provide information through discussions, films, seminars. Each semester.

*321 Basic Book Selection (3 credits). Principles and techniques for evaluating and selecting library materials. Introduction to reviewing media and to basic tools for selecting and acquiring titles of both book and non-book materials. Includes discussions of discarding and weeding, and materials for the slow and gifted reader. Spring semester.

331 Cataloging and Classification (3 credits). Introduction to the theory and principles of classification and cataloging of science and non-science materials; practice in using the Dewey Decimal Classification. In preparing catalog cards and in the ordering and use of Wilson and Library of Congress printed cards; assigning of subject headings, and library filing. Spring semester.

341 Literature for Adolescent (3 credits). Reading and appraisal of literature appropriate for the needs, interests, and abilities of young people, including emphasis upon the needs of ethnic minorities. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of lower division Literature. Spring semester.

**Especially recommended for secondary teachers.

**Especially recommended for secondary language arts teachers.

MASTER OF ARTS IN ELEMENTARY EDUCATION

General Requirements

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who have some professional relationship to elementary education. Candidates must show promise of meeting the standard for the School of Education as well as the specific regulations of the particular program for which they apply.

Applicants for regular status in the program must have maintained a grade point average of at least 3.00 for the last two years of undergraduate study, or an overall grade point average of 2.75. Provisional status may be granted to an applicant not meeting the listed requirements.

The name of the faculty member who will serve as chairperson of the candidate's committee is listed in the letter of acceptance to the applicant. Candidates should contact the assigned committee chairperson (advisor) as soon as possible in order to plan a program. Credits taken prior to such planning are subject to the review and approval of the committee chairperson and the Dean of the School of Education prior to acceptance in the planned program.

Program Requirements

The Elementary Education graduate program will consist of a minimum of 30 semester hours of credit and allocated as follows:

- Required of all candidates—Core program............ 9 credits
- Required of all candidates—Thesis/Project............ 3 credits
- Selected electives and/or specific requirements........ 12 credits
- Open electives.............................................. 6 credits
- A maximum of 9 semester graduate credits may be accepted from other graduate schools upon approval of the chairperson of the candidate's committee and the Dean of the School of Education.

Six semester hours of credit will be open for selection in any area of the Universities course offerings that will enable the candidate to strengthen a competency in elementary instruction. The candidate, in cooperation with the advisor, will choose courses which will meet the individual needs as a teacher. Specific courses are listed within each area of emphasis.

Areas of Emphasis

The candidate selects one of three areas of emphasis:

1. Curriculum and Instruction
   A program is planned for the person who desires to continue as a generalist in Education. A broad curriculum rather than a specialty is emphasized.

2. Reading
   The program is planned for the person who desires to specialize in Reading Education.

3. Content Enrichment
   The programs are planned for persons interested in subject area specialties such as Art, Mathematics, and Music. The committee chairperson has information regarding approved subject areas.

4. Special Education
   Programs are planned for persons interested in the areas of Learning Disabilities or Mental Retardation.

COURSES

Required of All Candidates

I. Core program of 9 credit hours, consisting of TE-570-571, TE 563 and 2 one-credit hour classes, is required of each candidate.

Courses are as follows:

- TE-570 Comprehensive Core for Elementary Education (total of 6 credits). The core program includes a number of presentations on current issues in education. Presentations are followed by discussions within small groups. A culminating activity is the development of a paper presenting the student's position or view regarding a particular issue. Summer.
- TE-563 Conflicting Values Influencing Education (1 credit). This course will analyze ideological positions which have affected educational programs and policies. Each student will be asked to carefully consider his own values and analyze how these positions affect his mode of classroom operation. Summer.
- Two 1-credit hour classes from the following list:
  - TE-565 Interpreting Education Research (1 credit). Summer (See secondary courses for description)
  - TE-566 Learning Theory and Classroom Instruction (1 credit). Summer (See secondary courses for description)
  - TE-567 Teaching Subject Content Through Reading (1 credit). Summer (See secondary courses for description)
  - TE-588 Techniques of Classroom Management (1 credit). Summer (See secondary courses for description)
  - TE-599 Testing and Grading (1 credit). Summer (See secondary courses for description)
  - TE-573 Creative Teaching—Elementary School (1 credit). A mini-course for elementary teachers seeking to explore factors associated with creativity, establishing creative learning environments and techniques enhancing creative and productive expression in the elementary school classroom. Special emphasis is placed on designing usable classroom techniques for creative teaching, and on evaluating growth in creativity of children. Prerequisite: Graduate Status. Summer.
- II A Thesis/Project, as mutually agreed upon by the candidate and the committee, is required of each candidate. Selection of a thesis implies a research emphasis with a thesis format. Selection of a project implies a project directly related to instruction or some other aspect of the elementary program.

CURRICULUM AND INSTRUCTION

(Courses and Requirements)

Twelve semester hours of credit must be chosen from courses in this elective area. At least one course must be selected from Cluster I and from Cluster II.

Cluster I (Choose at least one course)

- TE-501 Advanced Practices and Principles in Teaching Reading (3 credits). The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed. Each semester and summer.

- TE-510 Advanced Practices and Principles in Teaching Social Science (3 credits). A comprehensive study of the practices and principles in social science education, including objectives, social problems, unit development, work-study skills, organization of the program materials and media, and research findings basic to social studies will be developed. Fall semester.

- TE-511 Advanced Practices and Principles in Teaching Elementary Mathematics (3 credits). A study will be made of the number abilities needed by children, the methods needed in providing number experiences, desirable teaching procedures, use of materials, and research findings in mathematics. Spring semester.

- TE-512 Advanced Practices and Principles in Teaching Language Arts and Linguistics (3 credits). Emphasis will be given to the role of language arts and linguistics in the elementary school curriculum, stressing the newer approaches to language development, spelling, writing, listening-speaking skills. Summer.

117
SCHOOL OF EDUCATION

TE-513 Advanced Practices and Principles in Teaching Elementary Science (3 credits). Current practices and principles in modern elementary science concepts will be developed. Participating will be the teaching of selected and organizing content and experimental activities. Fall semester.

Cluster II (Choose at least one course)

TE-505 Individual Tests and Measurements (3 credits). An intensive investigation is pursued of the nature of educational measurement. Each semester.

TE-515 Development of Skills for Teaching Pupils with Learning Difficulties (3 credits). A study of the techniques and methods used in the classroom teacher in developing skills for working with pupils with learning difficulties. Fall semester.

TE-516 Development of Skills for Teaching the Fast Learner (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with exceptional ability will be studied. Spring semester.

TE-517 Development of Skills for Teaching the Mentally Retarded (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with mental retardation will be studied. Prerequisite: TE 420 or TE 421. Spring semester.

P-501 Counseling and Consulting in the Elementary and Special Classroom (3 credits). An intensive study of classroom behavior with special attention to causes and purposes of the various behaviors. The course includes the practice of interventions considered effective in bringing about change in inappropriate behaviors. Classroom counseling and consultative processes fundamental in serving the areas of the exceptional child are also practiced. Emphasis is on the psychological processes important to the child’s development and dealing with others who need to understand the child. Prerequisite: P-101 General Psychology. Each semester and summer.

P-502 Advanced Educational Psychology (3 credits). A study of contemporary issues involving psychological theories and applications 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 and Psychology of the Exceptional Child. Each semester. (Not offered every year.)

P-503 Individual Testing Practicum (3 credits). Emphasis in the course will be on the techniques and procedures of administering and scoring. Each 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, inferential analysis, interpretation, and use of test information. Prerequisite: P-101 General Psychology. Spring semester.

P-505 Personality Development (3 credits). Critical consideration of the main personality theories currently those which emphasize current concepts regarding learning, perception, and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P-101 General Psychology. Fall semester.

P-421g 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 P305. Spring semester.

Additional Elective Courses

TE-502 Diagnosis of Reading Problems (3 credits). (See Reading emphasis for course description). Fall semester and Summer.

TE-503 Remediation of Reading Problems (3 credits). (See Reading emphasis for course description). Spring semester.

TE-513 Advanced Practices and Principles in Teaching Elementary Science (3 credits). Current practices and principles in modern elementary science concepts will be developed. Participating will be the teaching of selected and organizing content and experimental activities. Fall semester.

TE-515 Development of Skills for Teaching Pupils with Learning Difficulties (3 credits). A study of the techniques and methods used in the classroom teacher in developing skills for working with pupils with learning difficulties. Fall semester.

TE-516 Development of Skills for Teaching the Fast Learner (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with exceptional ability will be studied. Spring semester.

TE-517 Development of Skills for Teaching the Mentally Retarded (3 credits). The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with mental retardation will be studied. Prerequisite: TE 420 or TE 421. Spring semester.

P-501 Counseling and Consulting in the Elementary and Special Classroom (3 credits). An intensive study of classroom behavior with special attention to causes and purposes of the various behaviors. The course includes the practice of interventions considered effective in bringing about change in inappropriate behaviors. Classroom counseling and consultative processes fundamental in serving the areas of the exceptional child are also practiced. Emphasis is on the psychological processes important to the child’s development and dealing with others who need to understand the child. Prerequisite: P-101 General Psychology. Each semester and summer.

P-502 Advanced Educational Psychology (3 credits). A study of contemporary issues involving psychological theories and applications 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 and Psychology of the Exceptional Child. Each semester. (Not offered every year.)

P-503 Individual Testing Practicum (3 credits). Emphasis in the course will be on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics 115-116, Statistics P 305 and Psychological Measurement P 421. Open to qualified seniors with prior departmental approval.

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, inferential analysis, interpretation, and use of test information. Prerequisite: P-101 General Psychology. Spring semester.

P-505 Personality Development (3 credits). Critical consideration of the main personality theories currently those which emphasize current concepts regarding learning, perception, and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P-101 General Psychology. Fall semester.

P-421g 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 P305. Spring semester.

READING

(Courses and Requirements)

Candidates complete 12 credit hours as listed. The remaining 6 credits may be selected from the offerings previously listed.

TE-501 Advanced Practices and Principles in Teaching Reading (3 credits). The total reading process is stressed. Areas that are readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed. Each semester and summer.

TE-502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) (3 credits). The role of the special reading teacher and his role in screening devices is developed. Various standardized and informal reading tests are put into practice by working with a child in the Reading Center. A case study culminates the course. Prerequisite: TE 501. Fall semester and summer.

TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3 credits). Remediation approaches and techniques for disabled readers is emphasized. A student is tutored by a tutor under the supervision in the Reading Center. Prerequisite: TE 502. Spring semester and summer.

TE-504 Seminar in Reading Education (3 credits). The significant research concerning all phases of reading is abstracted and discussed in small group settings. Instruction in how to read Research is included. Instruction in Reading Research in reading is developed. Prerequisite: TE 503. Fall semester and summer.

SPECIAL EDUCATION

(Courses and Requirements)

LEARNING DISABILITIES

(Courses and Requirements)

Candidates complete 13 credit hours of the required listing. The remaining hours are to be selected from the elective listing.

Required (13)

TE-502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) (3 credits). See description under Reading. Fall semester and Summer.

TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) (3 credits). See description under Reading. Prerequisite: TE-502. Spring semester and Summer.

TE-515 Development of Skills for Teaching Pupils with Learning Difficulties (3 credits). For students in Practicum in Learning Disabilities. (4 credits). Students will be placed in practicum sites that will provide actual educational experiences with children identified as having learning disabilities. The sites will provide the student an opportunity to observe, assist and instruct the students having learning disabilities thereby developing the skills necessary to be a teacher of the learning disabled. Each semester and Summer.

Electives (5)

TE-440 Instructional Materials for the Exceptional Child (3 credits). See description under Upper Division listings. Fall semester.

TE-4500 Behavior Intervention Techniques (3 credits). See description under Upper Division listings. Prerequisite: Upper Division psychology course. Each semester.

TE-523 Emotionally Disturbed Child in the Classroom (3 credits). The course is designed to assist teachers in understanding the educational and psychological needs of emotionally disturbed children. Emphasis is placed on developing techniques to facilitate the growth and development of the emotionally disturbed child. Fall semester and Summer.

PE-594 Physical Education in Special Education (2 credits). The course is designed to acquaint students with the theories of motor perceptual activity as well as to involve them in a hands-on approach to activity. Exposure. Each semester and Summer.

P-501 Counseling and Consulting in the Elementary and Special Classroom (3 credits). Prerequisite: P-101 General Psychology. See description under Cluster II. Each semester and Summer.

P-506 Personality Development (3 credits). Prerequisite P-101 General Psychology. See description under Cluster II. Fall semester.

MENTAL RETARDATION

(Courses and Requirements)

Candidates complete 13 credit hours of the required listing. The remaining 5 hours are to be selected from the elective listing.

Required (13)

TE-4500 Behavior Intervention Techniques (3 credits). See description under Upper Division listings. Prerequisite: Upper Division psychology course. Spring semester and Summer.

TE-517 Development of Skills for Teaching the Mentally Retarded (3 credits). See description under Cluster II. Spring semester.

TE-590 Practicum in Mental Retardation (4 credits). Students enrolling in this course shall be placed in actual educational experiences with children identified as being mentally retarded. Specific needs of the individual shall dictate placement and type of experiential exposure. It is the intent of this course to develop a person with the desired skills required for teaching the mentally retarded. Each semester and Summer.

P-501 Guidance and Consulting in the Elementary and Special Classroom (3 credits). See description under Cluster II. Prerequisite: P101 General Psychology. Each semester and Summer.

Electives (5) (Only 6 credit hours of undergraduate courses in a program.)

TE-422 Curriculum for the Severely Handicapped (3 credits). See description in Upper Division listings. Prerequisite: TE-501 Psychology of the Exceptional Child or TE-392 Education of the Exceptional Child. Fall semester and Summer.

TE-423 Teaching the Severely Handicapped (3 credits). See description in Upper Division listing. TE-422 Curriculum Programs for the Severely Handicapped and/or graduate status. Spring semester.

CONTENT ENRICHMENT

(Courses and Requirements)

Candidates complete 12 to 15 credit hours within the area of emphasis. The remaining 3 to 6 credits may be selected from the offerings previously listed.

118
TE-440 Instructional Materials for the Exceptional Child (3 credits). See description in Upper Division listing. Fall semester.

TE-481 Child Behavior in Early Childhood Education (3 credits). See description in Upper Division listing. Fall semester.

TE-482 Curriculum in Early Childhood Education (3 credits). See description in Upper Division listing. Fall semester.

TE-505 Individual Tests and Measurements (3 credits). See description under Cluster II. Each semester.

TE-533 The Emotionally Disturbed Child in the Classroom (3 credits). See description under Learning Disabilities section. Fall semester and Summer.

PE-594 Physical Education in Special Education (2 credits). See description under Learning Disabilities section. Summer.

**MASTER OF ARTS/SCIENCE IN SECONDARY EDUCATION**

**General Information**

A Master's degree in Secondary Education with emphasis in the subject areas of Art, Business Education, Chemistry, Earth Science, English, History, Mathematics and Music is presented through the Department of Teacher Education, the related subject department, and the School of Education. Each subject department has a planned program and it is described in the Bulletin within the department sections.

General information appropriate to all graduate programs is presented in the Graduate School section of the Bulletin.

Specific information appropriate to the Secondary Master's degree encompassing all areas of emphasis is as follows:

1. Each candidate has a subject area emphasis within a department or a combination of departments.

2. The degree will include a minimum of 27 hours plus from 3 to 6 semester hours for the culminating activity.

3. Each candidate's program shall include a minimum of 18 semester credit hours within the area of emphasis.

4. Each department will determine the nature of the culminating activity from (1) a thesis with an appropriate examination, (2) a project with an appropriate examination, or (3) 3 to 6 additional credits with an appropriate examination.

5. The candidate's committee shall consist of three members with the chairperson from the area of emphasis, one member from the Department of Teacher Education and one from any department.

6. Recommendations for admission shall come from both the School of Education and the involved department.

**Courses in Teacher Education**

**Required Courses in Education**

Candidates are required to complete **TE-560 Core in Secondary Education**, **TE-563 Conflicting Values in Education**, and two 1-credit courses from the following:

**TE-560 Core in Secondary Education** (3 credits). The goal of the Core is to provide the opportunity for students to become aware of, and knowledgeable about, topical issues related to secondary education. The issues are interdisciplinary and are drawn from such areas as politics, economic, social, cultural, educational theory, and human behavior. In addition, each student is involved in the critical analysis of the issues through preparation of position papers on selected topics. Prerequisite: Graduate status. Summer.

**TE-563 Conflicting Values Influencing Education** (1 credit). This course will analyze ideological positions which have affected educational programs and policies. Each student will be asked to carefully consider his own values and analyze how these positions affect his mode of operation. Prerequisite: Graduate Status. Summer.

Two 1-credit courses from the following list:

**TE-564 Creative Teaching—Secondary School** (1 credit). The course will explore various approaches to classroom teaching methodology and atmosphere which are innovative and creative. Each student will be given the opportunity to develop new means of teaching material selected from his own teaching field. Intensive concentration will be given to ideas which might maximize the realization of student potential on a personal basis. The course will be problem-centered and since the problems will be drawn from various subject areas, the course will be interdisciplinary. Prerequisite: Graduate Status. Summer.

**TE-565 Interpreting Educational Research** (1 credit). This course will prepare students to read, understand, and critically analyze educational research in their own field. It includes basic research terminology, strengths and weaknesses in research design, and interpretation of research results. Prerequisite: Graduate Status.

**TE-566 Learning Theory and Classroom Instruction** (1 credit). This course is designed to give educators an introduction to current theories of learning and how these theories in turn prescribes the most effective ways and means of teaching for classroom instruction. Emphasis is on behavioral theory and cognitive theory—on how children learn according to psychological laws of today—Skinner, Bruner, Piaget and Gagne. The major thrust of the course is to help teachers better understand how their students learn and how to help those that faller in the learning process. In addition, different curricular designs will be examined and the learning theory they are built on reviewed. Prerequisite: Graduate Status. Summer.

**TE-567 Teaching Subject Content Through Reading** (1 credit). The course is intended to introduce a few basic concepts of reading and the applying them to classroom teaching in secondary subjects. Emphasis will be on secondary teachers' responsibility to teach their students to read their instructional materials. Specific techniques of vocabulary development, reading for comprehension, instructional simulation, and evaluation will be demonstrated and then planned by the students. Prerequisite: Graduate Status. Summer.

**TE-568 Techniques of Classroom Management** (1 credit). This course focuses on an appraisal of classroom management which constitutes 30% of the goals of systematic education. The development and refinement of skills in communication and conflict resolution are emphasized as the basis for effective classroom management. Skill development will be coordinated with theoretical considerations relating to establishing and maintaining healthy and productive classroom environments. Active participation by class members will be required. Topics to be included are mutuality, listening, constructive confrontation, problem-solving strategies, value conflicts, and modifying classroom environments. Prerequisite: Graduate Status. Summer.

**TE-569 Testing and Grading** (1 credit). This course will include an introduction to the theories and fallacies of testing. Problems and methods of teacher constructed tests will be included. The relationships between testing and grading and other forms of evaluation will be examined.

**Elective Courses**

With the approval of the candidates committee, students may select additional courses from the following list as well as from the 1-credit course listing:

**TE-507 Relating Reading Processes to Secondary School Subjects** (3 credits). This course is designed for secondary specialists in Junior High and Senior High Schools. The focus is on the nature of reading materials and their relationship to reading studies. Prerequisite: Graduate Status. Fall semester.

**TE-508 Teaching Reading in the Secondary School** (3 credits). This course is designed for secondary specialists in Junior High and Senior High Schools. The focus is on the nature of reading materials and their relationship to reading studies. Prerequisite: Graduate Status. Fall semester.

**TE-531 Education for the Culturally Different Learner** (3 credits). A study of the development of children and adolescents in different cultures in comparative relationship to existing values, with special emphasis on the manner in which biological and psychological factors are interpreted in accordance with prevailing values. The role of various minority groups and the implications for education will be examined. Major topics include the culturally different learner; and (1) learning styles, (2) using media, (3) the process of change. Special emphasis will be on the various minority group children of Idaho, including Chicanos and Indians. Extensive use will be made of available research, and other appropriate data, and recognized resource people. Prerequisite: Graduate Status. Spring semester.

**TE-541 Education in Emerging Nations** (3 credits). The course provides an analysis of the relationships between national goals and the educational system found in the twentieth century. The contemporary systems will be studied in light of three major factors: (1) natural factors; Race, language, environment; (2) religious factors; Humanism, socialism and nationalism; and the Soviet Union, South Africa, Sweden, Japan, Mexico and China will receive major attention. Based on this survey, the effectiveness of each system in relation to national goals will provide a basis for comparison. Prerequisite: Graduate Status. Fall semester.

**TE-551 Fundamentals of Educational Research for Teachers** (3 credits). The development of educational research with emphasis on the nature of scientific inquiry. Concepts of formulating a research problem and designing an experiment. Prerequisite: Graduate Status. Fall semester.

**TE-555 Supervision in Schools** (3 credits). An opportunity to provide teaching personnel, who have responsibility for supervision of instruction, the latest in research and methods about supervision. The course will be divided into three segments for implementation: (1) human skill in supervision, (2) technical skills in supervision, and (3) applied supervision practicum. Prerequisite: Graduate Status. Fall and Spring semesters.

**TE-559 Values and Ideology in Education** (3 credits). Students will analyze and evaluate past and contemporary philosophical thinking as they apply to educational programs. Education, essentially, is determined by the application of three variables: the subject matter to be taught, the means by which it is taught and the atmosphere (e.g. environment) in which the teaching takes place. All of these variables are affected by the attitudes and values of individuals who are instrumental in affecting programs and practices. One cannot consider, therefore, what education has been, is and is likely to become without a thoughtful, systematic study of philosophical thought bearing on the education of the young. This the fundamental concern of Philosophy of Education. Prerequisite: Graduate Status. Spring semester.

**TE-598 Seminar Adolescent Psychological Problems** (3 credits). The psychological problems of adolescence in contemporary U.S. society are discussed. Emphasis is put upon the pathology of adolescent behavior occurring in institutions, families, and peer groups. Prerequisite: Graduate Status. Fall semester, every other year.

**SOC 501 Sociological Aspects of Education** (3 credits). A sociological analysis of the American school system, its problems and the social forces that shape the schools in contemporary society. Prerequisite: Graduate Status. SOC 101. Summer.

**NOTE:** Candidates may select appropriate courses from the Elementary Graduate Program course listing when approved by the committee.
INTRODUCTION

The School of Health Sciences is one of four academic units at Boise State University. Course work leading to associate and baccalaureate degrees is offered in several programs. Faculty of the school not only have the required graduate degrees but are also registered or certified as practitioners in the areas in which they teach. The several hospitals, clinics and government agencies in the area afford the necessary patients, professional support, and up to date equipment and facilities required to complement the classes and laboratories at the University.

The mission of the School of Health Sciences is to provide the best education possible with the available resources in those programs assigned by the State Board of Education. The school also accepts the responsibility to provide continuing education to its graduates as well as other health care providers throughout the state.

ADVISORY COUNCIL AND ADJUNCTIVE FACULTY

Clayton C. Morgan, M.D.
Chairman of Advisory Council
David M. Barton, M.D.
M.M. Burkholder, M.D.
John W. Gerdes, Ph.D.
E.E. Gilbertson, M.H.A.
R.M. Gudmundsen, D.D.S.
Edith Miller Klein, J.D.
Lawrence L. Knight, M.D.
Robert W. Matthies, M.D.
David K. Merrick, M.D.
Mary Nelson, R.N.
Charles L. Robertson, M.D.
Robert H. Sabin, M.B.A.
Don W. Sower
Leonard O. Thompson
SCHOOL OF HEALTH SCIENCES

CLINICAL AFFILIATES

Ada County Council on Alcoholism, Boise, Idaho
Alcohol Rehabilitation Center, Boise, Idaho
Boise Convalescent Center, Boise, Idaho
Boise Orthopedic Clinic, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Central District Health Department, Boise, Idaho
Community Health Clinics, Nampa, Idaho
Grand Oaks Health Care Center, Boise, Idaho
Headstart, El-Ada Community Action, Boise, Idaho
Idaho Elks Rehabilitation Center, Boise, Idaho
Independent School District of Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke’s Hospital, Boise, Idaho
St. Mary’s School, Boise, Idaho
Sunset Nursing Home, Boise, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho

SCHOOL OF HEALTH SCIENCES

DEPARTMENT OF ALLIED HEALTH STUDIES

Adjunctive Faculty:

SI. Alphonsus Hospital, Boise, Idaho
Lehman.

Medical Technology

Adjunctive Faculty: Beals, Kopper, White
Advisors: Ellis, Fuller

Radiologic Technology

Director-Assistant Professor: Duane Akroyd. Clinical Coordinator-Instructor: Rex Profit. Assistant Professor: Demehan. Instructor: Kraker. Medical Director: Charles L. Robertson, M.D.

Respiratory Therapy

Director: Associate Professor: Conrad Colby. Clinical Coordinator-Assistant Professor: James R. Jensen, Ph.D. Assistant Professor: Lehman. Instructor: Ashworth. Medical Director: David K. Merrick, M.D. Adjunctive Faculty: Britton, Burger, Espeland, Gable, Gossi, Hopper.

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH:

Adjunctive Faculty: Edmundson

DEPARTMENT OF NURSING

Chairman-Professor: JoAnn T. Vahey, Ed.D.
Medical Advisor: C.C. Morgan, M.D.
Baccalaureate Nursing Program Director-Professor: Charlotte Gale, Ed.D.
Associate Degree Nursing Program Director-Associate Professor: Virginia Nehring
Coordinator: BU/Northwest Nazarene College Cooperative Nursing: Judith Rollins
Project Director, Demo Model for Continuing Education in Nursing: Molly Young
Professor: Miles
Associate Professors: Cox, Fleming, Monninger, Smith, Wilcox.
Assistant Professors: Baicy, Buehler, Edgemon, Fountain, Laws, Matson, Penner, Robertson, Thomason.
Instructor: Taylor.
Clinical Lab Assistants: Mortensen, Spears, Wicks, Wimmer.
Adjunctive Faculty: Baker, F. Barton, Deeds, McIntosh, Peach, Scott.

DEPARTMENT OF PREPROFESSIONAL STUDIES

Adjunctive Faculty: Dawson, Ford, Matthis, Steuart.

122

DEPARTMENT OF ALLIED HEALTH STUDIES

INTRODUCTION

In order to deliver the best health care possible, it is necessary that the physician and other members of the health care team be able to utilize the many complex and specialized tests, procedures and instruments which modern medical science has produced. This requires that persons must be trained to complement and support the physician in providing the best treatment for the patient. These other members of the health team are known as allied health personnel.

In 1967 the ratio of allied health personnel to physicians was approximately ten allied health people to one physician. The present ratio is approaching the projected ratio for the mid-seventies of twenty to twenty-five per physician. It is clear that delivery of adequate and quality health care depends on the education of persons in technological specialties.

HEALTH SCIENCE STUDIES

BACHELOR OF SCIENCE

The bachelor of science degree in Health Science provides the curriculum whereby an individual may gain an education in the biological, physical, and health sciences to provide a foundation for additional professional or graduate work in several health science professions. This curriculum is designed to qualify the candidate for admission into hospital programs leading to certification as medical technologists. It is also recommended for students in pre-medical and pre-dental programs.

1. Requirements:

Area I requirements.......................................................... 12
Area II requirements......................................................... 12
Math ................................................................. 10
College Chemistry............................................................. 9
Organic Chemistry with lab................................................. 10
Biochemistry with lab....................................................... 4
General Zoology.............................................................. 4
General Botany............................................................... 4
Cell Biology................................................................. 3
Bacteriology................................................................. 5
Physiology Z401 or Z409...................................................... 4
Subtotal ........................................................................ 83 credits

2. Electives (science) 6 courses

General Physics (8) or Biophysics (4)
Genetics (3)
Histology (4)
Quantitative Analysis with lab (5)
Pathogenic Bacteriology (4)
Cytology (4)
Parasitology (3)
Comparative Anatomy (4)
Physical Chemistry (8)
Subtotal .................................................................... 22-23

3. Electives (Health Science) Minimum of three courses

Health Delivery Systems (3)
Legal Implications of Health Practice (3)
Medical Terminology (3)
Medical Economics and Finance (3)
Public Health Administration (2)
Preprofessional Internship (2)
Subtotal .................................................................... 8-9
Total ........................................................................ 128 credits

Credits
MEDICAL TECHNOLOGY
BACHELOR OF SCIENCE PROGRAM

Medical Technology offers an excellent opportunity for those interested in science fields which relate to the medical laboratory. However, there is increasing demand for 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/she may take three years of academic work (96 credits) in which he will complete the requirements of the college core as well as the basic science requirements set forth by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), an agency of the Council of Medical Education of the American Medical Association. The student may then apply for the one-year clinical program, and upon its successful completion will be eligible to write the examination for certification and also be eligible for a B.S. degree in Medical Technology.

The student may also complete the fourth year in a prescribed academic program to earn a B.S. in Health Sciences Studies. After completion of one year in an accredited hospital program, he would be eligible for a second degree of a B.S. in Medical Technology.

Those BSU students who gain admission to an accredited hospital program and wish to have this experience counted for BSU credit must enroll in MT 487-8-9. A registration fee of ten dollars per credit hour is required. This will provide the individual with student privileges such as access to university loans and scholarships, use of the library and gymnasium, etc.

REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR

1. Completion of basic core requirements:
   - English Composition ................................ 6
   - Area I .................................................. 12
   - Area II ................................................. 12
   - Math (M 111-112 or M 115-116) ....................... 10
   - College Chemistry & lab .............................. 9
   - Organic Chemistry & lab ............................... 10
   - Biochemistry & lab ................................... 4
   - General Zoology ....................................... 4
   - General Botany ....................................... 4
   - Cell Biology .......................................... 3
   - Bacteriology ......................................... 5
   - Mammalian Physiology ............................... 4
   - General Psychology ................................ 3
   - Medical Terminology ................................ 3
   - Beginning and Intermediate Shorthand ............. 3
   - Electives .............................................. 3

   Total .................................................... 96

2. Health Science, Science and Free Electives ........ 13

3. Senior Year—Clinical Class and Practice
   A calendar year to be spent in St. Alphonsus Hospital or St. Luke’s Hospital, Boise, Idaho, or in other hospitals, having clinical programs approved and accredited by the NAACLS.

   MT 487-8-9 Clinical Class and Practice (14-14-4 credits). Course requires 12 consecutive months of instruction in a hospital school approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Student spends approximately 40 hours a week in a laboratory practicum. Six to eight hours a week are set aside for reading assignments, lectures, and examinations. Prerequisite: Acceptance by a hospital school accredited by the NAACLS. Fall, Spring, Summer semesters.

   H GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

   MEDICAL ASSISTANT
   (Medical Secretary)

   The Medical Assistant will be prepared to function in either office or hospital setting. The program will provide knowledge and skills such as scheduling, bookkeeping, filing, transcribing, and management of the record system. In addition, this program will provide knowledge and skills to enable the assistant to fulfill the role of contact between the patient and physician. These will include skills in communication, interpersonal relations, medical ethics and the legal aspects of patient care. Courses in behavioral science and humanities will enhance the Assistant’s sensitivity to the special needs of the patient and his family. This program offers an Associate Degree.

   CURRICULUM

   FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition ................................ 3</td>
<td>3</td>
</tr>
<tr>
<td>Business Mathematics/Machines ... ..................</td>
<td></td>
</tr>
<tr>
<td>Concepts of Anatomy &amp; Physiology ................. 4</td>
<td></td>
</tr>
<tr>
<td>Beginning and Intermediate Typing ............... 2</td>
<td>2</td>
</tr>
<tr>
<td>Beginning and Intermediate Shorthand ............ 4</td>
<td>4</td>
</tr>
<tr>
<td>Medical Terminology ................................ 3</td>
<td></td>
</tr>
<tr>
<td>Electives ............................................ 3</td>
<td>3</td>
</tr>
<tr>
<td>Total ................................................ 16</td>
<td>15</td>
</tr>
</tbody>
</table>

   SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Psychology ................................ 3</td>
<td></td>
</tr>
<tr>
<td>Advanced Shorthand ................................ 4</td>
<td></td>
</tr>
<tr>
<td>Applied Business Communication .................... 3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Business ................. ........ 3</td>
<td></td>
</tr>
<tr>
<td>Records Preparation and Management ............... 3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting .......... .... 3</td>
<td></td>
</tr>
<tr>
<td>Advanced Typewriting ................................ 2</td>
<td>2</td>
</tr>
<tr>
<td>Word Proc. &amp; Machine Trans ....................... 3</td>
<td>3</td>
</tr>
<tr>
<td>Elective ............................................. 3</td>
<td>3</td>
</tr>
<tr>
<td>Administrative Office Procedures .................</td>
<td>1</td>
</tr>
<tr>
<td>Medical Office Orientation ........................</td>
<td></td>
</tr>
<tr>
<td>Total ................................................ 18</td>
<td>15</td>
</tr>
</tbody>
</table>

   For course descriptions see Part V of the catalog.

   PREPROFESSIONAL CORE YEAR FOR ALLIED HEALTH:

   MEDICAL RECORD SCIENCE (MR)
   RADIOLOGIC TECHNOLOGY (RD)
   RESPIRATORY THERAPY (RT)

   REQUIREMENTS FOR ADMISSION

   A. Preprofessional Core Year
      1. See University admission policy, page 8.
   B. Professional Program
      1. Only students who have completed or are in the process of completing the Allied Health core curriculum with a GPA of 2.00 or higher, will be considered for acceptance into the following Allied Health programs: Medical Record Science; Radiologic Technology; or Respiratory Therapy.
      2. Health status must be adequate to insure successful performance of hospital activities.

   MT MEDICAL TECHNOLOGY

   201 Basic Medical Technology (2 credits). A survey course designed to introduce those students interested in Medical Technology to some of the basic aspects of theory and practice encountered in the profession. The course demonstrates the relationship of the University hospital programs in the development of knowledge and skills required in the field of medical technology. Fall semester.
SCHOOL OF HEALTH SCIENCES

APPLICATION PROCESS
A. Preprofessional Core Year
1. See University requirements.

B. Professional Programs
1. All students must fill out and return to the admissions office a "Special Programs Application for the Department of Allied Health Studies", on or before March 1 of the year in which they plan to attend the professional program.
2. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the various Allied Health programs can accept only a limited number of students each year.
3. Applicants are required to have an interview during spring semester of the preprofessional year. Contact the Program Director for specific dates.

CORE CURRICULUM

All students who are considering entry into one of these Allied Health programs must have completed or be in the process of completing the following core curriculum. Core curriculum need not be taken at BSU.

PREPROFESSIONAL CORE YEAR:

<table>
<thead>
<tr>
<th>COURSES</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology (111, 112)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry (107, 109)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (108, 110)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Math (111 or 115)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Intro. to Allied Health*</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

PROMOTION AND GRADUATION

A. Professional Programs
1. Students must maintain a GPA of at least 2.50 (in professional courses) for the first semester of the professional program. A GPA of less than the required may constitute removal from the program.
2. A grade of less than a "C" in any professional theory (numbered H, MR, RD, RT) or clinical unit must be repeated and raised to a "C" or higher before continuing the program.
3. Students who have completed all course requirements with a GPA of 2.35 or higher (during the professional program) qualify for graduation.

*Students transferring from other institutions may take this course in their first year at BSU if a similar course has not been available at their previous college.

MEDICAL RECORD SCIENCE

Medical Record Technicians are qualified to work in any health care agency where health records are prepared, analyzed, and preserved. Areas of concentration include classifying diseases and operations, analyzing records of discharged patients, compiling statistical information for administration and research, transcribing medical reports, and abstracting data for medical record evaluation studies. In addition, students receive training in medical record departments of area health facilities. Students are responsible for their own transportation from BSU to the clinical agencies.

The program offers an Associate of Science degree and is accredited by the American Medical Record Association Committee on Allied Health Education and Accreditation in collaboration with the American Medical Record Association.

Graduates of the program are eligible to write the national accreditation examination, and upon successful completion of this examination, are recognized as Accredited Record Technicians (ART).

Requirements for Admission, Application Process, Promotion and Graduation, see preprofessional core year for Allied Health.

CURRICULUM

First year—Preprofessional Core, described at beginning of this section.

Before being accepted into the professional year of the Medical Record Technician program, applicants must have finished beginning and intermediate typing, or demonstrate a typing speed of 45 words per minute.

PROFESSIONAL YEAR:

<table>
<thead>
<tr>
<th>COURSES</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Terminology (H 101)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Medical Records I</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Health Delivery Systems (H 302)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Health Data</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Disease and Operative Classification</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Disease Conditions (H203)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Medical Records II</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Legal Implications of Health Practice (H 407)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Health Record Transcription</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15 16

After successful completion of the professional year at BSU, students will have a four week period of directed practice in one of several affiliated health facilities. (MR 215).

COURSES

MR MEDICAL RECORDS

201, 202 Medical Records I — 3 credit lecture (MR 201), 3 credit lab (MR 202), must be taken concurrently. Principles of medical record technology, including the preparation, analysis, preservation and retrieval of health information. The value of this information to the patient, the doctor, and the community will be stressed. Prerequisite: Preprofessional core year, or permission of instructor. Fall semester.

203, 204 Medical Records II — 3 credit lecture (MR 203), 2 credit lab (MR 204), must be taken concurrently. Medical records in a variety of health care facilities, release of information, medical staff organization, and requirements and survey procedures of licensing and accrediting agencies. Medicare law and other federal regulations will be presented. Students will be introduced to the basic principles of supervising and managing a medical record department. Prerequisite: MR 201, 202. Spring semester.

205 Health Data (2 credits). Collection and presentation of routine data for daily, monthly, and yearly hospital statistical reports. Statistical formulas, preparation of birth certificates, and abstracting information for computerized data processing systems will be included. Prerequisite: MR 201, 202, or concurrent enrollment. Fall semester.

207 Disease and Operative Classification (2 credits). Principles and practice in coding of diseases and operations according to International Classification of Diseases. Other systems of coding will be presented, as well as methods of indexing diagnoses and operations. Prerequisite: Concurrent enrollment in MR 201, 202 or permission of instructor. Fall semester.

209 Health Record Transcription (2 credits). Four hours per week of practice in the machine transcription of histories, physical examinations, operations, and other medical reports. Accuracy of terminology and typing will be stressed. Prerequisite: H 101 and completion of typing requirement. Spring semester.

215 Clinical Practice (4 credits). During the summer following the second year, providing all other program requirements have been completed, the student will spend four weeks (160 hours) in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology. Prerequisite: Completion of all other program requirements. Summer only.

H GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

RADIOLOGIC TECHNOLOGY

To determine the presence of injury or disease, radiologic technologists position patients and operate X-ray machines to produce diagnostic film (radiographs). Most technologists work in the radiol-
ology department of hospitals or with doctors who maintain private practices.

The Radiologic Technology program in the School of Health Sciences offers a curriculum utilizing both university and clinical components. This type of integrated program is needed in order for the students to gain the essential knowledge and skills required to become radiologic technologists.

The program has been granted preliminary accreditation by the Council on Medical Education of the American Medical Association, on the recommendation of the Joint Review Committee on Education in Radiologic Technology, whose sponsoring organizations are the American Society of Radiologic Technologists and the American College of Radiology. The curriculum will enable the student to complete the associate degree requirements and be eligible for the national certification examination. If desired, the student may continue on to the baccalaureate degree.*

Requirements for Admission, Application Process, Promotion and Graduation. See preprofessional core year for Allied Health.

CURRICULUM

Preprofessional Core Year for Allied Health. See description at beginning of this section.

FIRST PROFESSIONAL YEAR: SEM.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Practicum</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Radiographic Positioning I</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Radiographic Technique &amp; Control</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Radiographic Physics</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Area II Elective</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro to Radiologic Science</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Intro to Clinical Experience</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Radiographic Positioning II</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Clinical Experience</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

Summer

Clinical Experience | 6 |

SECOND PROFESSIONAL YEAR: SEM.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Practicum</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Radiographic Positioning III</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Special Radiographic Procedures</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Medical &amp; Surgical Diseases</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Clinical Experience</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Seminar in Radiologic Science</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Radiographic Positioning IV</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Area II Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td>14</td>
<td>15</td>
</tr>
</tbody>
</table>

Summer

Clinical Experience | 6 |

*RFinal approval dependent upon State Board action.

SCHOOL OF HEALTH SCIENCES

RD RADIOLOGIC TECHNOLOGY

211 Clinical Practicum (1 credit). Laboratory to be taken concurrently with RD 222. Fall semester.

221 Clinical Practicum (1 credit). Laboratory to be taken concurrently with RD 242. Spring semester.

222 Radiographic Positioning (3 credits). This course will cover the basic concepts and techniques used in obtaining diagnostic radiographs. Areas of interest are the upper extremities, abdomen, chest, and routine radiographic contrast studies. Fall semester.

226 Radiographic Technique and Control (3 credits). This course is designed to introduce the student to the factors that can affect the diagnostic results on a radiograph. Topics discussed are X-ray film, darkroom chemistry, cassettes, and grids. Fall semester.

232 Introduction to Radiologic Science (3 credits). This course introduces the student to Radiologic Technology, its structure and chemistry. Other topics include medical legal ethics, basic radiation protection, lifting and carrying procedures, and asepsis. Fall semester.

238 Introduction to Clinical Experience (1 credit). This course introduces the student to the hospital structure, the radiology department, and basic emergency procedures. Fall semester.

242 Radiographic Positioning (3 credits). A continuation of RD 222 to include examination of the lower extremities and pelvis. Also discussed are concepts and techniques for radiography of the spine. Spring semester.

252 Radiographic Technique and Control (3 credits). An in-depth analysis of detail, density, contrast, distortion, and how they affect radiographic quality. Also discussed are various types of exposure systems and quality control. Spring semester.

Radiologic Technology Clinical Experience. Supervised clinical experience in the hospital radiology department. This course offers the student the opportunity to apply academic instruction to various radiographic procedures in the hospital.

285 (3 credits).

286 (5 credits).

287 (5 credits).

397 (6 credits).

Upper Division

311 Clinical Practicum (1 credit). To be taken concurrently with RD 316.

316 Radiographic Positioning (3 credits) Concepts and techniques used for advanced positioning include: Skull, facial bones, sinuses, mastoids and various other specialized techniques. Prerequisites: RD 242 and RD 252.

320 Radiographic Positioning (2 credits). An advanced positioning course emphasizing special radiographic views of specific anatomical areas. Special problems in positioning and devices that may improve positioning skills are discussed. Spring semester.

321 Clinical Practicum (1 credit). To be taken concurrently with RD 320. Spring semester.

356 Seminar in Radiologic Science (4 credits). Course covers material dealing with new and advanced procedures and equipment types evolving in radiology. Guest lecturers from the medical community, review of current literature in radiologic technology, and field trips to various local, state, and federal agencies. Spring semester.

360 Medical and Surgical Diseases (2 credits). This course is a general survey for various diseases and pathology and how they affect the diagnostic quality of the radiograph. Fall semester.

365 Special Radiographic Procedures (3 credits). This course deals with the techniques for various vascular and neurological procedures. Also discussed are various other specialized radiographic procedures. Fall semester.

H GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

RESPIRATORY THERAPY

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient’s process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and evaluation techniques in respiratory care.

The Respiratory Therapy program at Boise State consists of a three-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of a pre-professional year followed by two years of professional study. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Respiratory Therapists, which is the professional designation.

Requirements for Admission, Application Process, Promotion and Graduation, see preprofessional core year for Allied Health. In addition, comprehensive examinations are given during the first week of the last three semesters of the program covering all previous professional work. Students must demonstrate an effective level of competency on each of these evaluations in order to graduate from the program.

CURRICULUM

Preprofessional Core Year for Allied Health as described at the beginning of this section.

FIRST PROFESSIONAL YEAR:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory I</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Theory II</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Lab. I</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Lab. II</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum I</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Clinical Practicum II</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Cardiopulmonary Physiology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Respiratory Therapy Nursing Arts</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>General Pathology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Emergency Procedures in Respiratory Care</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>
### COURSES

#### RT RESPIRATORY THERAPY

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Cardiopulmonary Physiology</td>
<td>4</td>
</tr>
<tr>
<td>Respiratory Therapy Theory I</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory II</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory III</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Lab.</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Practicum II</td>
<td>6</td>
</tr>
<tr>
<td>Radiologic Studies of the Respiratory System</td>
<td>1</td>
</tr>
<tr>
<td>Pulmonary Medicine I</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine II</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine III</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine IV</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Physiology</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Upper Division

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory III</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>Radiologic Studies of the Respiratory System</td>
<td>1</td>
</tr>
<tr>
<td>Pulmonary Physiology</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>2</td>
</tr>
</tbody>
</table>

#### 3RD SEMESTER:

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory II</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory III</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Lab.</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Practicum II</td>
<td>6</td>
</tr>
<tr>
<td>Radiologic Studies of the Respiratory System</td>
<td>1</td>
</tr>
<tr>
<td>Pulmonary Medicine I</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine II</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine III</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine IV</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Physiology</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### 4TH SEMESTER:

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory II</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory III</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory IV</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Lab.</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum</td>
<td>6</td>
</tr>
<tr>
<td>Clinical Practicum II</td>
<td>6</td>
</tr>
<tr>
<td>Radiologic Studies of the Respiratory System</td>
<td>1</td>
</tr>
<tr>
<td>Pulmonary Medicine I</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine II</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine III</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Medicine IV</td>
<td>3</td>
</tr>
<tr>
<td>Pulmonary Physiology</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
</tr>
</tbody>
</table>

### REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

#### Bachelor of Science

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. General Requirements</td>
<td>(8 credits)</td>
</tr>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>B. Area I Requirements</td>
<td>(12 credits)</td>
</tr>
<tr>
<td>Electives</td>
<td>12</td>
</tr>
<tr>
<td>C. Area II Requirements</td>
<td>(12 credits)</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td>D. Science Requirements</td>
<td>(66 credits)</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>9</td>
</tr>
<tr>
<td>Elementary Organic Chemistry</td>
<td>6</td>
</tr>
<tr>
<td>Math</td>
<td>10</td>
</tr>
<tr>
<td>General Physics</td>
<td>8</td>
</tr>
<tr>
<td>Botany/Zoology</td>
<td>8</td>
</tr>
<tr>
<td>General Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>Entomology</td>
<td>4</td>
</tr>
<tr>
<td>Pathogenic Bacteriology</td>
<td>4</td>
</tr>
<tr>
<td>Food Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Biocology</td>
<td>4</td>
</tr>
<tr>
<td>Physiology</td>
<td>4</td>
</tr>
<tr>
<td>E. Health Science Requirements</td>
<td>(18 credits)</td>
</tr>
<tr>
<td>Environmental Management</td>
<td>6</td>
</tr>
<tr>
<td>Public Health Field Training</td>
<td>8</td>
</tr>
<tr>
<td>Public Health Administration</td>
<td>2</td>
</tr>
<tr>
<td>Environmental Health Legislation</td>
<td>2</td>
</tr>
<tr>
<td>F. Electives</td>
<td>(15 credits)</td>
</tr>
<tr>
<td>Suggested Electives</td>
<td>Principles of Data Processing</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td></td>
</tr>
<tr>
<td>Speech</td>
<td></td>
</tr>
<tr>
<td>State and Local Government</td>
<td></td>
</tr>
<tr>
<td>Federal Government</td>
<td></td>
</tr>
<tr>
<td>General Parastiology</td>
<td></td>
</tr>
</tbody>
</table>
ENVIROMENTAL HEALTH

(BSuggested Program)
Bachelor of Science

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Math 115-116</td>
<td>5</td>
</tr>
<tr>
<td>Man and his Environment</td>
<td>3</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
</tr>
</tbody>
</table>

15 16

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany (B 130)</td>
<td>4</td>
</tr>
<tr>
<td>Zoology (Z 130)</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
</tr>
<tr>
<td>Area II Electives</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUMMER BETWEEN JUNIOR AND SENIOR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health Field Training</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEM.</td>
</tr>
<tr>
<td>Food Microbiology</td>
</tr>
<tr>
<td>Physiology 2401 or 2409</td>
</tr>
<tr>
<td>Public Health Administration</td>
</tr>
<tr>
<td>Environmental Health Legislation</td>
</tr>
<tr>
<td>Biochemistry</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>

16 15

SCHOOL OF HEALTH SCIENCES

INTRODUCTION

The Boise State University Department of Nursing operates as an integral unit of the total university. Students enrolled in nursing attend classes and socialize with students in various other fields of study on campus.

The department conducts a two-year, lower-division curriculum leading to an Associate of Science in Nursing degree. This program prepares students to write the State Board Test Pool Examination for initial licensure as a registered nurse. The Department also offers a two-year upper-division curriculum for R.N.'s to continue academic study and to obtain a Bachelor of Science in Nursing degree.

PHILOSOPHY

The current system of health care delivery requires associate as well as baccalaureate degree prepared practitioners of nursing. Each of these two groups contributes to meeting the nursing and health care needs of man. The associate degree prepared nurse functions primarily in a dependent role while the baccalaureate prepared nurse functions primarily in an independent role. Both levels of nursing personnel function as interdependent members of the health care team.

It is recognized that a number of graduates from diploma and associate degree programs in nursing do change career goals. Therefore, a baccalaureate level education program in nursing is
SCHOOL OF HEALTH SCIENCES

deemed essential to support this change in career goals. The baccalaureate nursing curriculum should encompass the knowledge and skills essential for baccalaureate level nursing practice as well as provide options for nursing electives.

LOWER-DIVISION ASSOCIATE DEGREE

DESCRIPTION

This program prepares individuals to function at a beginning level in giving direct care to patients. Nursing courses include theory and clinical practicum or clinical laboratory experiences. In the clinical component of each nursing course, one credit hour represents four hours of clinical and/or campus laboratory time. Each week there is an average number of twelve clinical practice hours during the freshman year and sixteen hours during the sophomore year. These hours may be scheduled days, afternoons or evenings. Clinical experience is provided mainly in hospital settings.

The standard for advancement in the program is a 2.75 G.P.A. of as well as a minimum grade of C in all required general education and nursing courses. Practicum courses in nursing may not be repeated. Non-practicum courses in nursing and required general education courses may be repeated only once.

The program is accredited by the Idaho Board of Nursing and the National League for Nursing. A graduate is eligible to write the State Board Examination for licensure as a registered nurse.

PHILOSOPHY

The associate degree prepared nurse practices primarily in formally organized health care agencies providing direct care for individuals with identified health problems whose nursing needs fall within prescribed standards of care. The associate degree graduate is expected to seek guidance from supervisory personnel in making decisions concerning complex nursing situations and in making referrals to other health agencies.

The curriculum should include courses in general education as well as nursing. General education courses provide support knowledge for nursing courses. The nursing courses utilize the nursing process as a system of learning. Identified basic health needs are used to select content for nursing courses. A planned program of clinical practicum and instruction in health care agencies is the major learning experience in the application of theoretical content and in the development of clinical nursing skills.

It is recognized that students vary widely with respect to age and life experiences. Therefore, a program of student advisement implemented by the faculty is essential in assisting students to meet their career goals.

ADMISSION

Admission for students entering the associate degree nursing program is limited to the Fall Semester. The number of students admitted each year is limited by the availability of personnel and clinical resources.

Requirements:

Applicants must meet the general university requirements as well as the stated requirement for the associate degree nursing program in one of the four categories listed below:

1. **High school graduates** will be considered for admission on the basis of ACT or SAT scores.
   - ACT: A composite standard score of not less than 20, plus a 70th percentile rating.
   - SAT: Total score of 888 and a G.P.A. of 2.75 or above at the completion of the 7th semester of high school.

2. **College students** who have earned a minimum of 12 semester credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 2.75 G.P.A. or better.

3. **Transfer students from other schools of nursing** to the associate degree nursing program at Boise State University are required to submit applications and meet the admission requirements according to the appropriate category and standards as outlined in items 1 and 2 above.

4. **Licensed Practical Nurses** may apply for advanced placement as sophomore nursing students by meeting the following criteria:
   - a. submit current evidence of licensure
   - b. submit records verifying previous education
   - c. complete all freshman general education courses which are pre-requisites to sophomore nursing courses with a G.P.A. of 2.75 or better as well as a grade of C or better in required general education courses.
   - d. pass the required ACT Proficiency exams
     1. Nursing Health Care
     2. Commonalities in Nursing I
     3. Commonalities in Nursing II
   - e. Complete the course “Orientation to Associate Degree Nursing” during the fall semester in the year prior to the year of planned enrollment in the sophomore nursing courses.
   - f. Pass the freshman level clinical performance evaluation.

All applicants admitted to the nursing program are required to:

1. Submit a report of chest x-ray to the Associate Degree Nursing Program by August 1 of the year in which they plan to enter the program.
2. Purchase a Boise State University student nursing uniform.
3. Submit $25.00 yearly as prepayment for student name pin, malpractice insurance, and standardized National League for Nursing examinations which are required of all students throughout the program.

APPLICATION PROCESS

1. Make application for admission to Boise State University and the Department of Nursing, Associate of Science In Nursing degree program. Both application forms are available from the Administration Building, Room 100.
2. Submit an official high school transcript or G.E.D. test score, A.C.T. or S.A.T. scores, and official transcripts of all previous college work. L.P.N.'s must also submit evidence of previous education as well as current licensure. These must be received by the Admission Office prior to March 1 preceding the Fall in which enrollment is planned.
3. Complete all application requirements during the period of September 1 to March 1 prior to date of anticipated enrollment in nursing courses.

CURRICULUM

A. General Education Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E101-102)</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry (C107-108)</td>
<td>4</td>
</tr>
<tr>
<td>Anatomy and Physiology (Z111-112)</td>
<td>8</td>
</tr>
<tr>
<td>General Psychology (P101)</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition (HE207)</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology (B205)</td>
<td>4</td>
</tr>
<tr>
<td>Sociology (SO101)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>-</td>
<td>36</td>
</tr>
</tbody>
</table>

B. Nursing Major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Health Needs</td>
<td>12</td>
</tr>
<tr>
<td>N 140-141</td>
<td>(3)</td>
</tr>
<tr>
<td>N 150-151</td>
<td>(3)</td>
</tr>
<tr>
<td>N 160-161</td>
<td>(3)</td>
</tr>
<tr>
<td>N 170-171</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Deviations from Basic
SCHOOL OF HEALTH SCIENCES

CURRICULUM BEFORE PROCEEDING WITH THE REQUIRED SOPHOMORE GENERAL EDUCATION COURSES.

COURSES

N NURSING

114 Orientation to Associate Degree Nursing for Advanced Placement Students (1 credit). Designed as a part of the advanced placement program enabling students (who have successfully passed the required placement exams) to receive credit for one to two semesters of nursing on the basis of previous nursing education and/or experience. Introduces students to nursing process as the component of nursing care planning used in the AD Nursing curriculum. Prerequisites: 2 credits of previous nursing education and/or experience.

140-141 Introduction to Basic Health Needs 2 credits lecture, 1 credit lab, 8 week unit. Introduces basic health needs for oxygen, nutrition, elimination, activity, mental health, safety and comfort, as a basis for providing nursing care. Opportunity is provided to develop beginning skills. Prerequisite: Admission to the Nursing major.

Fall semester.

150-151, 160-161, 170-171 Basic Health Needs 2 credits lecture, 1 credit lab, 8 week unit. Nursing process is utilized to meet basic health needs as related to health care of persons of all ages in the community, in hospitals, and in home health agencies. Opportunity is provided to develop skills in nursing care. Prerequisite: N 140-141. May be taken in any sequence, both semesters.

N 201 Nursing Practicum. 2 credits. This elective course is offered to provide a concentrated block of clinical experiences in health agencies for sophomore nursing students and to extend sophomore students' learning experiences in health agencies on an individual basis. May include home visits. Prerequisite: Sophomore standing in nursing program. Offered both semesters. Students may take practicum one time only.

220-221 Deviations from Basic Health (related to mental health). 2 credit lecture, 2 credit lab, 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on mental health—mental illness considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the mental health unit and community health agencies. Prerequisites: required general education and nursing courses. Offered both semesters.

230-231 Deviations from Basic Health (related to oxygen). 2 credit lecture, 2 credit lab, 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on oxygen needs for persons of all ages. The student has the opportunity to develop skills in the medical-surgical areas with specific reference to physiologic assessment and nursing care planning for patients with oxygen deficiency. Prerequisites: required general education and nursing courses. Offered both semesters.

240-241 Deviations from Basic Health (related to nutrition and elimination). 2 credit lecture, 2 credit lab. Utilizes nursing processes to present deviations from basic health with emphasis on the basic need for nutrition and elimination considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the medical-surgical areas. Prerequisites: required general education and nursing courses. Offered both semesters.

250-251 Deviations from Basic Health (related to activity). 2 credit lecture, 2 credit lab, 8 week unit. Utilizes previous deviations from basic health with emphasis on the basic need for activity considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the medical-surgical areas. Prerequisites: required general education and nursing courses. Offered both semesters.

280-290 Nursing Seminar. 16 credits. Designed as a part of the advanced placement program enabling students (who have successfully passed the required placement exams) to receive credit for one to two semesters of nursing on the basis of previous nursing education and/or experience. Introduces students to nursing process as the component of nursing care planning used in the AD Nursing curriculum. Prerequisites: 2 credits of previous nursing education and/or experience.

129
SCHOOL OF HEALTH SCIENCES

To qualify for admission the candidate must:

1. Possess current licensure as a registered nurse and have obtained Idaho licensure prior to enrollment in upper division nursing courses.

2. Have maintained a minimum G.P.A. of 2.75 in 36-40 semester credits in general education courses, including the following:
   a. 3 credits each—Microbiology, nutrition
   b. 6 credits each—English Composition, humanities (Area I) and behavioral sciences (Area II)
   c. 6-8 credits—Chemistry (including both organic and inorganic with biochemistry also recommended)
   d. 6-8 credits—Human anatomy and physiology

For students who have successfully completed the 5 credit Anatomy and Physiology course (Z107) prior to 1977 these credits will be accepted in lieu of the 8 credit sequence in Anatomy and Physiology until the fall semester of 1979. After that date, 6-8 credits of Anatomy and Physiology will be required of all students.

3. Have achieved a minimum 2.75 in 30 semester credits in lower division nursing by:
   a. Having graduated from a NLN accredited associate degree program.
      OR
   b. Earning these academic credits by taking and passing the three tests, Differences in Nursing Care, Areas I, II and III as provided under the Proficiency Examination Program (PEP) conducted by the American College Testing Program. Students may secure information about the tests and the necessary application forms through the Counseling and Testing Center located in the main library. Tests are given in Boise, usually four times a year. Students should obtain the test schedule and make arrangements for testing in time for the test results to be considered with other admission data.

4. Although a specified period of work experience is not required, applicants are strongly advised to have at least one year of nursing practice within the two years preceding anticipated enrollment.

To apply for admission the candidate must:

1. Request from the Admission Office at Boise State University an application form to the University (if not previously enrolled there) and the special application form for the B.S.N. program.

2. Complete both forms and return to the Admissions Office prior to March 1. Transcripts must also be submitted by this deadline. Since these may take from 6 to 9 weeks for processing, students are advised to request them in sufficient time to insure their receipt at B.S.U. by the March 1 deadline. Graduates of diploma or non-NLN accredited associate degree programs must also have established their lower division nursing credits by successfully completing the PEP battery of examinations given through the Testing and Counseling Center. Applications are reviewed during March and April. Candidates will be notified early in May. Successful candidates are asked to return a form accepting enrollment. Failure to do this by the indicated date will result in removal of the candidate's name from the listing of accepted students.

3. Incoming students are advised to obtain professional malpractice insurance before the beginning of the semester in which they plan their first enrollment in a nursing course with a clinical practicum. This insurance must be in force at the time of enrollment in any nursing course with a clinical practicum. Students must also be prepared to provide their own transportation to clinical agencies when enrolled in nursing practicums.

Brochures and further information can be obtained by writing to:
Baccalaureate Program in Nursing
Boise State University
1910 University Drive
Boise, ID 83725

THE CURRICULUM

The nursing major is divided into two portions—a 16 credit core curriculum taken by all students and a 16 credit elective option. The three options are Acute Care Nursing, Family Nurse Practice, and Leadership in Nursing. Students may also choose to combine the options of Acute Care and Leadership by selecting a total of 16 credits of course work from these two options. There are also 12 credits of required support courses in health sciences and management.

Students take most of the core courses in nursing and the required support courses during the junior year. For the senior year, they complete the nursing core and required support courses, and
take the 16 credit option which they have chosen as their nursing elective. Remaining credits for the degree are given over to general education electives.

A sample program is illustrated below:

### JUNIOR YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>N306-307 Professional Interactions</strong></td>
<td><strong>4</strong></td>
</tr>
<tr>
<td><strong>N310-313 Community Health Nursing</strong></td>
<td><strong>4</strong></td>
</tr>
<tr>
<td><strong>H300 Pathophysiology</strong></td>
<td><strong>4</strong></td>
</tr>
<tr>
<td><strong>H302 Health Delivery Systems</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Electives</td>
<td><strong>6</strong></td>
</tr>
<tr>
<td><strong>N316-317 Health Assessment</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>N324-325 Critical Care Nursing</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>H330 Principles of Management</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>H331 Principles of Pharmacotherapeutics</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

**TOTALS**

17 18

### SENIOR YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>N490 Nursing Research</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>N--- Nursing Electives</td>
<td><strong>8 or 9</strong></td>
</tr>
<tr>
<td>(individual option)</td>
<td><strong>7 or 8</strong></td>
</tr>
<tr>
<td>Electives</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>H305 Role Sensitization</strong></td>
<td><strong>2</strong></td>
</tr>
</tbody>
</table>

**TOTALS**

14-15 15-16

*Core course in Nursing Major
**Required Support Course

### COURSES

#### NURSING

**Upper Division**

300 Concepts and Skills of Community Health Nursing (3 credits). The primary focus of this course in community health nursing is the use of nursing processes in family and community settings with emphasis on the psychosocial aspect of individual/family/community health. The course is designed to assist nurses in application of course content to daily work in community health settings as a means of improving the quality of health services. Prerequisites: The student must be a registered nurse with access to a community health setting or permission of the instructor. This course is offered regularly by correspondence, but may be offered as a regular semester offering on demand. Either semester.

306 Professional Interactions (2 credits). Theory and simulated laboratory experiences with video-taping, designed to enhance communication skills essential for nursing practice. First half directed toward one-to-one communication; second half focuses on group process and communications involving more than two individuals in common practice settings. Fall semester.

307 Professional Interactions Practicum (1 credit). To be taken with N306. Fall semester.

310 Community Health Nursing (2 credits). Primary focus on use of nursing process in family and community settings with emphasis on psycho-social aspects of individual/family/community group health. Designed to assist nurses in application of course content to nursing practice in community health settings as a means of improving the quality of health services. Community settings include homes, clinics or out-patient departments, group classes and elementary through high school nursing services. Prerequisite or concurrent enrollment in N306-307, Fall/Spring semesters.

313 Community Health Practicum (2 credits). To be taken with N310. Fall/Spring semesters.

316 Health Assessment (1 credit). Principles and skills of obtaining health and development history, and of performing a general physical/psychosocial assessment of individuals. Practice in using assessment tools and in differentiating normal from abnormal findings. To be taken with N324-325. Prerequisites or concurrent enrollment in N306-307 and H300. Fall/Spring semesters.

317 Health Assessment Practicum (2 credits). To be taken with N316. Fall/Spring semesters.

324 Critical Care Nursing (1 credit). Application of nursing process in care of hospitalized patients in severe psycho-physiological stress who face major changes in life style, including the possibility of death. Emphasizes individual, family, and group counseling of patients' families, and planning with other health care workers for coordination and continuity of patients' care. To be taken with N316-317. Prerequisites or concurrent enrollment in N306-307 and H300. Fall/Spring semesters.

325 Critical Care Practicum (2 credits). To be taken with N324. Fall/Spring semesters.

### SENIOR YEAR

**Option in Acute Care Nursing**

422 Nursing in Intensive Care Situations (2 credits). Nursing care of adults and children having major surgery, serious trauma, or complex medical problems such as acute respiratory, circulatory, renal, orthopedic, metabolic and neurologic disorders. In addition to identifying and applying recent research findings, students also develop a knowledge and skill base for application of nursing process to patients and their families. Prerequisites: Completion of junior core Fall semester.

423 Practicum: Nursing in Intensive Care Situations (2 credits). To be taken concurrently with N422. Fall semester.

424 Cardiovascular Nursing (2 credits). Nursing care of individuals with selected cardiovascular disorders and resultant complications. Application of nursing process to patients and their families. In addition to identifying and applying recent research findings, students also develop a knowledge and skill base for application of nursing process in use of equipment and procedures applicable to these patients and their families. Prerequisite: Completion of junior core Fall semester.

425 Practicum: Cardiovascular Nursing (2 credits). To be taken concurrently with N424. Fall semester.

426 Nursing in Emergency/Trauma Situations (2 credits). Nursing care of individuals in hospitals or other emergency facilities who have acute, life-threatening conditions. Application of nursing process to these patients and their families, based upon knowledge of the interrelatedness of body systems and previous learnings in intensive and cardiovascular nursing. Prerequisites: N422-423, N424-425. Spring semester.

427 Practicum: Nursing in Emergency/Trauma Situations (2 credits). To be taken concurrently with N426. Spring semester.

428 Practicum: Nursing in High-Risk Perinatal Situations (2 credits). Nursing care applied to acutely ill neonatal infants and their families. Identification and application of relevant research and experience in use of equipment and procedures specific to this patient population. Identification and follow-up in community settings of high-risk mothers and families. Prerequisite: Completion of junior core and support courses. Spring semester.

429 Practicum: Nursing in High-Risk Perinatal Situations (2 credits). To be taken concurrently with N428. Spring semester.

### Option in Nursing Leadership

440 Leadership in Clinical Nursing (1 credit). Application of nursing process to direct patient care in a single health care setting followed by experience managing nursing care for a group of patients in that setting with emphasis upon selected aspects of the beginning leadership role such as crisis intervention, collegial relationships, self-awareness and communication. Prerequisite: Completion of junior core, first 8 weeks.

441 Practicum: Leadership in Clinical Nursing (1 credits). To be taken concurrently with N440. Fall semester, first 8 weeks.

442 Leadership in Clinical Nursing II (1 credit). Application of nursing process to direct patient care in a single health care setting. Followed by experience in managing nursing care for several groups of patients in that setting with emphasis upon selected aspects of the middle-level leadership role, such as performance appraisals, interpersonal relationships, and coordination of nursing activities. Prerequisites: N440-441 or permission of instructor. Fall semester, second 8 weeks.

443 Practicum: Leadership in Clinical Nursing II (2 credits). To be taken concurrently with N442. Fall semester, second 8 weeks.

444 Leadership in Clinical Nursing III (1 credit). Application of nursing process to direct patient care in multiple areas within single health care agency. Followed by experience in managing nursing care for groups of patients in multiple areas within that agency, emphasizing selected aspects of the top-level leadership role such as quality assurance, allocation of resources, coping with and managing change, and strategic planning. Prerequisites: N442-443 or permission of instructor. Spring semester, first 8 weeks.

445 Practicum: Leadership in Clinical Nursing III (2 credits). To be taken concurrently with N444. Spring semester, first 8 weeks.

446 Nursing and the Political System (3 credits). Study of nursing's political relationships to overall health care delivery systems. Impact of socio-economic influences on health care and nursing practice. Identification of formal and informal power arrangements which affect professional nursing practice. Prerequisite: Completion of junior core. Fall semester.

447 Practicum: Leadership in Professional Nursing Practice (4 credits). Clinical practice in a nursing leadership role chosen jointly by student and faculty. Student has opportunity to synthesize previous learnings, practice leadership styles and skills, utilize personal philosophy of nursing care in decision-making and application of research relevant to nursing leadership. Prerequisites: N444-445 and N446. Spring semester, second 8 weeks.

### Option in Family Nurse Practice

462 Women's and Children's Health Care (2 credits). Family-oriented, primary health care of women and children. Experience in assessing and managing their health care, placing major emphasis upon normal physical and psycho-social processes. Recognition of serious health care problems and appropriate referral. Prerequisite: Completion of junior core. Fall semester.

463 Practicum: Women's and Children's Health Care (2 credits). To be taken concurrently with N462. Fall semester.

464 Acute Ambulatory and Emergency/Trauma Care (2 credits). Nature and scope of health care services given to individuals and families in emergency/trauma situations in hospital and non-hospital situations, based upon knowledge of interrelatedness of body systems. Assessment and management of uncomplicated trauma. Prerequisite: Completion of junior core. Fall semester.

465 Practicum: Acute Ambulatory and Emergency/Trauma Care (2 credits). To be taken concurrently with N464. Fall semester.


467 Practicum: Family Nurse Practice in Adult Health Care (2 credits). To be taken concurrently with N466. Spring semester, first 8 weeks.

468 Family Nurse Practice in Adult Health Care (4 credits). Intensive practice allowing students to synthesize knowledge, skills and philosophy of family nurse practice. Conducted as a preceptor or faculty caseload in rural or urban settings. Student bears increasing responsibility for decision-making in provision of care, under supervision of preceptor and faculty. Prerequisite: N 466-467. Spring semester, last 8 weeks.

**Course Available to All Options**

490 Overview of Nursing Research (3 credits). Focuses on reading, understanding and evaluating nursing and other health care research for the purpose of applying research find-
SELECTED students in their third or fourth year may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, veterinarian, etc.

HOSPITAL LEARNING—VOLUNTEERS

Students may be identified as special volunteers. The hospital will endeavor to rotate each volunteer through various departments of the hospital in which they will perform their volunteer service. These students must be majors in the School of Health Sciences and be certified to the hospital by the Dean.

REQUIREMENTS FOR PRE-MEDICAL AND PRE-DENTAL STUDIES*

I. Biology Option

1. General University and Baccalaureate

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area II Courses</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Biology Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany</td>
<td>4</td>
</tr>
<tr>
<td>Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>Comparative Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Vertebrate Embryology</td>
<td>4</td>
</tr>
<tr>
<td>Physiology Z401 or Z409</td>
<td>4</td>
</tr>
<tr>
<td>Genetics</td>
<td>4</td>
</tr>
</tbody>
</table>

III. Chemistry Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Chemistry</td>
<td>9</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>10</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physics 111-204</td>
<td>10</td>
</tr>
<tr>
<td>Math 111-204</td>
<td>10</td>
</tr>
</tbody>
</table>

Total for Areas I-IV: 117-119 **

**Other Pre-Professional Studies majors should consult the faculty advisor designated for the particular field of interest.

**Additional upper division credits so that upper division credits total at least 40.

BIOLOGY OPTION

(Suggested Programs)

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>College Chemistry</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Math 111-204</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Area II Courses</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Zoology</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I Courses</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Biology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Comparative Anatomy</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Genetics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Vertebrate Embryology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>General Physics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area III Courses</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL 16-16
### SCHOOL OF HEALTH SCIENCES

#### PRE-OPTOMETRIC

Science courses should be pre-professional courses designed for science majors which offer laboratory experience. Brief survey courses in the sciences will not prepare a student for the schools and colleges of optometry.

All of the schools and colleges require additional courses for admission, but each optometry school has its own set of requirements. The student should write to the optometry school of his or her choice for a list of specific courses.

Although a minimum of two years of preoptometric study is required, most students accepted by a school or college of optometry have completed three years in an undergraduate college. A large percentage of students accepted by the schools and colleges of optometry have earned a bachelor’s degree.

The requirements for admission to the schools and colleges of optometry vary. However, all optometric schools and colleges require at least two years of preoptometric study which should include:

**CURRICULUM**

- General Biology or Zoology
- College Chemistry
- General Physics
- English
- College Mathematics

Additional courses that may be needed for the preoptometric program are:

- Psychology
- Social Science
- Philosophy
- Literature
- Organic Chemistry
- Microbiology
- Bacteriology
- Comparative Anatomy
- Physiology
- Statistics
- Algebra and Trigonometry
- Analytic Geometry
- Differential Calculus
- Integral Calculus

#### PRE-DENTAL HYGIENE

This curriculum is designed for students interested in a professional career in dental hygiene. This particular program is designed for students planning to enroll in the dental hygiene program as sophomore or junior students at Idaho State University. The dental hygiene curriculum leads to either a Bachelor of Science or Bachelor of Arts Degree in Dental Hygiene. Those students who plan to enroll are advised to see their advisor and pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

#### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English .........................................................</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy and Physiology ......................................</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry (107, 109) ...........................................</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (108, 110) ...........................................</td>
<td>1</td>
</tr>
<tr>
<td>Math I (111 or 115) ............................................</td>
<td>5</td>
</tr>
<tr>
<td>Introduction to Allied Health ..................................</td>
<td>1</td>
</tr>
<tr>
<td>Area I Elective ..................................................</td>
<td>3</td>
</tr>
</tbody>
</table>

**16 13-14**

#### SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech (111) ...................................................</td>
<td>—</td>
</tr>
<tr>
<td>Zoology (130) ...................................................</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry Independent Study ..................................</td>
<td>1</td>
</tr>
<tr>
<td>General Psychology ............................................</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Seminar .............................................</td>
<td>1</td>
</tr>
<tr>
<td>Area II Courses ................................................</td>
<td>3</td>
</tr>
</tbody>
</table>

**14-15 14-15**

#### JUNIOR YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physics ................................................</td>
<td>4</td>
</tr>
<tr>
<td>General Genetics ...............................................</td>
<td>3</td>
</tr>
<tr>
<td>Bio- or Analytical Chemistry ..................................</td>
<td>4-5</td>
</tr>
<tr>
<td>Area I Courses ..................................................</td>
<td>3</td>
</tr>
</tbody>
</table>

**16 16**

#### SENIOR YEAR

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Chemistry ............................................</td>
<td>4</td>
</tr>
<tr>
<td>Instrumental Analysis .........................................</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry Independent Study ..................................</td>
<td>1</td>
</tr>
<tr>
<td>General Psychology ............................................</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Seminar .............................................</td>
<td>1</td>
</tr>
<tr>
<td>Area II Courses ................................................</td>
<td>3</td>
</tr>
<tr>
<td>Electives .......................................................</td>
<td>3</td>
</tr>
</tbody>
</table>

**16 13-14**

**133**
PRE-VETERINARY MEDICINE

Before the freshman year is finished, the student should see the Physical Therapy advisor to pattern the sophomore year according to the requirements of the school he/she is planning to attend.

SUGGESTED PROGRAM

<table>
<thead>
<tr>
<th>COURSES</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>College Chemistry</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics 111-204</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Area I/II Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Botany</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I/II Electives</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I/II Electives</td>
<td>6</td>
<td>3</td>
</tr>
</tbody>
</table>

For Health Sciences courses see Community and Environmental Health Section.
PART VIII

GRADUATE SCHOOL

Dean: Kenneth M. Hollenbaugh, Ph.D.

Graduate Program Coordinators

Business:
Associate Dean, School of Business: J. G. Doss, Ph.D.

Education:
Associate Dean, School of Education: Clyde Martin, Ed.D.

Public Administration:
Chairman, Political Science Department: Wil Overgaard, Ph.D.
GRADUATE SCHOOL

PROGRAMS

Boise State University offers the graduate degrees of Master of Business Administration, Master of Arts in Elementary Education, Master of Arts and Master of Science in Secondary Education, and Master of Public Administration.

Areas of Emphasis

The Master of Arts in Elementary Education includes four areas of emphasis: (1) Curriculum and Instruction; (2) Content Enrichment; (3) Reading; (4) Special Education. Specifics for each emphasis are included within the School of Education section of the Bulletin.

The Master of Arts/Science in Secondary Education includes an emphasis in each of the following areas: (1) Art; (2) Business Education; (3) Chemistry; (4) English; (5) Earth Science; (6) History; (7) Mathematics; and (8) Music. Specifics for each emphasis are included within the subject sections of the Bulletin.

The Master of Public Administration degree program has 3 areas of emphasis: (1) General, (2) Human Services, and (3) Criminal Justice.

The Graduate Faculty is comprised of those full-time faculty who have been approved by the Graduate Council to teach graduate level courses, participate in the conduct of the graduate programs, and supervise graduate students. Each member of the Graduate Faculty is reviewed on a three year cycle to document his/her participation in graduate education activities.

Part-time faculty who are approved by the Graduate Council to teach a graduate course are appointed as Adjunct Graduate Faculty. Such appointments are for specific assignments and are renewable but not perpetual.

GENERAL INFORMATION FOR GRADUATE STUDENTS

Application for admission to the graduate programs or general graduate study as an unclassified graduate may be made at any time. It is recommended, however, that at least two months before the final enrollment, the Graduate Admissions Office will have received the application for admission and transcripts of all undergraduate and graduate work. This will provide sufficient time to process the application prior to the semester the applicant wishes to commence his graduate study. Petitions for exceptions will be directed to the Graduate Dean. The transcripts are to be sent directly to the Boise State University Graduate Admissions Office by the Registrar of the college or university which the applicant previously attended. For that purpose the applicant should communicate with the Registrar's concerning and then allow sufficient time to process and mail the transcripts.

All documents received by the University in conjunction with such applications for admission become the property of Boise State University. Under no circumstances will they be duplicated except for university advisement, nor the original returned to the applicant or forwarded to any agency or other college or university.

ADMISSION TO THE GRADUATE SCHOOL

A student may be admitted to the Graduate School at Boise State University when the following admissions criteria have been met:

1. The applicant has earned a Bachelor's degree from an accredited institution, or furnishes proof of equivalent education.

2. The applicant has maintained a grade point average which meets the minimal requirements of the School in which he wishes to enroll. Students interested in graduate work in business are directed to page 100, education students should see page 117, and public administration students should see page 74.

3. Completion of the predictive examination required by the department as listed under department criteria.

4. Recommendation for admission by the department in which the students expects to work and approval by the Graduate School.

UNCLASSIFIED STATUS CLASSIFICATION

Persons who feel qualified to profit from graduate courses may enroll in these under the "Unclassified Status" provided the following conditions are met:

1. The student has successfully completed all courses that are prerequisite to the graduate course for which he is enrolling.

2. There is space available for the class.

3. The student has obtained permission to enroll in the course from the instructor or the graduate program director.

A student given "unclassified status" is not admitted to the Graduate School and academic credits earned may not necessarily be accepted towards a graduate degree if the student applies for and is admitted to the Graduate School at a later time.

No more than nine credit hours taken in unclassified status may be included in any graduate degree program at BSU without waiver by the Graduate Dean upon recommendation by the school or department in which the student will work.

GRADUATE STATUS CLASSIFICATIONS FOR MATRICULATED STUDENTS

Applicants may be admitted to the Graduate School under two classifications.

Regular Status: The student has been admitted to the Graduate School with regular status 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 require additional evidence of his qualification for admission with regular status. No student may maintain provisional status indefinitely. The department or academic unit concerned will normally make a final determination on a student with provisional status by the time he has completed twelve (12) credits of approved study.

GRADUATE COURSES FOR UNDERGRADUATE CREDIT

Boise State University "seniors" may take up to two 500 level courses for upper division credit applied to their Bachelor's degree program. The necessary permit forms are available through the Graduate Admissions Office and the office of each dean. Determination of what constitutes a "senior" for the purpose 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 if the credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Graduate Admissions Office, and the office of each dean. Credits earned in this manner are "reserved" to count toward a graduate degree at BSU.

SCHOLARSHIP REQUIREMENTS

Academic excellence is expected of students doing graduate work. A student whose academic performance is not satisfactory may be withdrawn from the degree program by the Dean of the Graduate School upon the recommendation of the department or academic unit concerned.

To be eligible for a degree in the Graduate School, a student must achieve a grade point average of "B" (3.00) or better in all work, exclusive of deficiencies, specifically included in his program of study. No grade below "B" may be used for any 300 or 400 level courses in a graduate program. Grades below "C" cannot be used to meet the requirements of a graduate degree. Grades on transfer
work will not be included in computing grade point average.

REPEAT, RETAKE POLICY

A student who earns a grade of "D" in a graded 500 series course at Boise State University may include no more than one repeated course toward a master's degree program. A sequence graded as a single unit (like TE-570, 571) will be counted as one course, one repeat, for the purposes of this policy. A student who earns a grade of "F" may not count a retaken course toward any master's degree program at Boise State University. Therefore, a student who gets an "F" in a required course is automatically excluded from further master's degree work. With a "D" in one of these courses there is a single chance of redemption.

CREDIT REQUIREMENTS

A minimum of thirty (30) semester credits of course work approved by the graduate student's supervisory committee is required. More than thirty (30) semester credits may be required in certain programs.

SUPERVISORY COMMITTEE ASSIGNMENT

Upon admission of the applicant with regular graduate status, a supervisory committee, consisting of a chairperson and other faculty members, will be appointed by the department fielding the program. This supervisory committee or the advisor, as determined within each degree program of study, will establish with the student a program of study, direct any thesis or graduate projects, and administer his final examination(s).

Students admitted with provisional status will be assigned a temporary advisor who will be responsible for building a tentative program of studies. This advisor will guide the student with respect to meeting the stipulations of the provisional admission. Once the provisional stipulations have been satisfactorily met by the student, the department concerned will recommend to the Dean of the Graduate School that the student be admitted with regular graduate status.

RESIDENCE REQUIREMENTS

A minimum of twenty-one (21) semester credits of approved graduate work taken on the university campus is required. This requirement does not apply to students enrolled in any interinstitutional cooperative graduate program offered jointly by BSU and the other Idaho Universities.

TRANSFER OF CREDITS

A maximum of nine (9) semester graduate credits taken at other institutions may be transferred for credit toward a Master's Degree provided the courses are an acceptable part of the program of study planned by the student's supervisory committee. Such courses must have been taken in an accredited college or university. Only courses with "A" or "B" grade may be transferred to Boise State University for application to a graduate degree. In general, the transfer of extension credits is discouraged. Exception may be made by departments after a detailed examination of the specific courses taken. No correspondence courses will be accepted for graduate credit. All appropriate graduate work taken through inter-institutional cooperative graduate programs, if approved by the schools fielding the program, can be accepted as residence credit.

TIME LIMITATIONS

All work offered toward a master's degree from Boise State University must be completed within a period of seven (7) calendar years. The seven (7) year time interval is to commence with the beginning of the oldest course (or other academic experience) for which credit is offered in a given master's degree program, and the interval must include the date of graduation when the master's degree from Boise State is given.

GRADUATE SCHOOL

CHALLENGE POLICY

The provisions of the challenge policy stated in the catalog section, Admission Requirements to the College under subsection Challenging Courses, Granting Credit by Examination (see Page 5) apply to graduate courses. In particular, the decision to allow or not to allow challenges will be made by the department 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 specific foreign language requirements.

Candidacy involves specifying—on the appropriate form—the list of courses and projects which comprise the student’s program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's committee or advisor and be approved by the Dean of the Graduate School.

PROGRAM DEVELOPMENT FORM

Graduate students in Regular or Provisional Status will complete a Program Development Form with their advisor or committee before the end of the first academic period (summer, fall or spring) in which they take graduate work at Boise State University, after having been notified of admission in Regular or Provisional Status.

This rule does not apply to students admitted in Unclassified Status, (these are admitted only to Boise State University and not to the Graduate School) because these students are not candidates for a graduate degree.

The Program Development Form will be available from the schools offering graduate degree programs. The advisor or committee will file the Program Development Form with the Graduate School upon completion. Each change in program must be completed by filing a new Program Development Form showing the changes from the previous form.

Changes in the Program Development Form, prior to admission to candidacy, are made by the student's committee or advisor, as determined within each degree program, and approved by the Dean of the appropriate school.

Any courses being offered as transfer credit, as credit reserved, or as residence credit through any inter-institutional cooperative program must be claimed at the time the Program Development Form is originally filed, or before the end of the first academic period (summer, fall or spring) after which the credit has been earned, whichever is the earlier date.

It is the responsibility of the graduate student to keep all program changes up to date for a graduate degree.

FINAL EXAMINATION REQUIREMENTS

The requirement of a final examination, written, oral, or both, in any non-thesis non-project program is optional with the department
or interdisciplinary unit which fields the student's program. When the examination is required, it is administered by the unit concerned. The dates for these examinations are set by the Graduate School once each semester and summer session. They are listed in the calendar of the BSU Bulletin. A student is not eligible to apply for the final examination until he has been admitted to candidacy (filed the candidacy and graduation form).

Failure in the examination will be considered terminal unless the supervisory committee recommends, and the Dean of the Graduate School approves, a re-examination. Only one re-examination is permitted. At least three months must elapse before a re-examination may be scheduled.

The requirement of a final examination in defense of any thesis or project is optional with the department or interdisciplinary unit concerned. When required, a final examination in defense of the thesis or project must be conducted at least three weeks before commencement. On a final oral examination in defense of a thesis or project, an additional member, who may be from outside the department or school, may be appointed by the Graduate Dean at his discretion. Application for the final comprehensive examination(s) is made through the office of the dean of the school fielding the program.

APPLICATION FOR PREDICTIVE EXAMINATIONS

As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria performance scores from predictive examinations, it is necessary that application be made without delay to take the examination. Education and public administration students are not required to take a predictive examination.

Students wishing to pursue graduate study in Business Administration should contact the Office of the Dean, School of Business, Boise State University, to secure the forms necessary to make application for taking the predictive examination called the GMAT. Every effort should be made to take the GMAT as soon as possible because students will not be given program status before the GMAT results are reported. Courses taken before the student is admitted (i.e. "Unclassified status" courses) will not necessarily be allowed toward the M.B.A., even if the student is admitted subsequently.

Credit Limitation in Courses Graded Pass or Fail and Directed Research

599—CONFERENCE AND WORKSHOP

A maximum of three (3) credits earned with a grade of P will be allowed toward the credit requirements for a master's degree at Boise State University.

599—DIRECTED RESEARCH

Master's programs at Boise State University may include directed research credits, at the discretion of the graduate student's supervising committee or professor, through a limit of 9 credit hours, with no more than 6 credits in any one semester. The School of Business has a limitation of 3 credits of Internship and/or Directed Research for MBA students.

ELEMENTARY EDUCATION WITH CONTENT ENRICHMENT

The curriculum in Elementary Education with Content Enrichment is essentially the same as the curriculum in Elementary Education. The distinctive feature is that an approved program may be designed for specialization in a given departmental area such as art, humanities, mathematics, music, or earth science, to name just a few possibilities. Approved programs will include the basic elementary core of nine (9) semester hours and will allow no more than fifteen (15) of the remaining hours to be in any one departmental area.

Departments in The School of Arts and Sciences offer graduate courses designed especially for students in the Elementary Education programs.

LIMITATIONS ON STUDENT COURSE LOADS

Graduate students seeking to take courses for graduate credit only in the evening or only in the early morning and in the evening may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule may be granted by the Dean of the Graduate School with the explicit recommendation of the dean of the school responsible for the student's program.

COURSE NUMBERING SYSTEM

Courses numbered 500 and above are intended primarily for graduate students. The course designates the educational level of the typical student in the class *i.e. he has graduated from college.

Other courses than graduate, numbered at the 300 or 400 levels, may be given G or G designation to carry graduate credit. The department or school concerned will have the right to limit the number of G or G credits which can count toward any degree for which it has responsibility, and in no case can more than one-third of the credits in a degree program be in courses at the 300 and 400 level. No course numbered below 500 carries graduate credit unless the letter G or G is affixed.

A department or school which uses G and G designations will use them to have the following significance:

1. G courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for students both in the department or school, and for other students as well.
3. Graduate students enrolled in G or G courses will be required to do extra work in order to receive graduate credit for the courses.

APPLICATION FOR GRADUATE DEGREE

The last step in completing a graduate program consists of arranging for final record checking. To accomplish this, one completes the form entitled Application for Graduate Degree which can be obtained from the Graduate Admissions Office or from the Dean of Business or Education. The Bookstore will notify the student how to order the cap and gown for the graduation ceremony.

UNIVERSITY-WIDE NUMBERING OF GRADUATE OFFERINGS:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>580-589</td>
<td>Selected topics</td>
</tr>
<tr>
<td>589</td>
<td>Practicum</td>
</tr>
<tr>
<td>590</td>
<td>Project</td>
</tr>
<tr>
<td>591</td>
<td>Colloquium</td>
</tr>
<tr>
<td>592</td>
<td>Research &amp; Thesis</td>
</tr>
<tr>
<td>593</td>
<td>Extended Conference or Workshop (Graded A-F)</td>
</tr>
<tr>
<td>594</td>
<td>Reading and Conference</td>
</tr>
<tr>
<td>595</td>
<td>Directed Research</td>
</tr>
<tr>
<td>596</td>
<td>Special Topics</td>
</tr>
<tr>
<td>597</td>
<td>Seminar</td>
</tr>
<tr>
<td>598</td>
<td>Short-Term Conference or Workshop (Graded Pass or Fail)</td>
</tr>
</tbody>
</table>

Course listings and descriptions for graduate and undergraduate courses available for graduate credit can be found in the departmental listings of courses.
AREA VO-TECH SCHOOL

Director: Gilbert McDonald Miller
Assistant Director: Glen Linder

Vocational Counselors: Callies, Quinowski, Trimble
Adult Basic Education Coordinator: Huff

Adult Program Coordinator: Rodgers
State Fire Trainer: Tyree
VOCA T IONAL TECHNICAL SCHOOL

OBJECTIVES OF VOCATIONAL EDUCATION

To provide the opportunity for state and local citizens to acquire the education necessary;

(a) To become employed, to succeed, and to progress in a vocational-technical field.

(b) To meet the present and anticipated needs of the local, state, and national economy for vocational-technical employees.

(c) To become contributing members of the social, civic, and industrial community.

CURRICULUM CHANGES:

Curriculum changes may be made at any time with the approval of the Curriculum Committee to meet the needs of industry.

ADMISSIONS REQUIREMENTS:

Application materials may be obtained from the Director of Admissions Office, Boise State University.

(a) To fully matriculate a student must have on file in the Admissions Office a completed application and $10 fee.

(b) Educational Background: Request a transcript of High School credits and, if applicable, a transcript of College credits be sent by the institution(s) directly to the Vocational Technical School.

(c) Aptitude Test. Contact the nearest local office of the Department of Employment and request a General Aptitude Test Battery to be taken and request that the office send the results directly to the Vocational-Technical School, Boise State University, Boise, Idaho 83725.

(d) Pay $75 advance registration fee. This fee will apply on the regular registration fee.

(e) Personal Interview: A personal interview is required.

(f) High school graduation or a G.E.D. is required in some programs and preferred in the others. All non-high school graduates must be out of high school one complete semester.

DEPARTMENT OF HEALTH OCCUPATIONS

Department Head: Wills Chaffee
Dental Assisting: Harris, Macinnis
Operating Room Technology: M. Curtis, Gollick
Practical Nursing: Bowers, Dallas, Mailand, Towle

DENTAL ASSISTANT—CURRICULUM
9 Month Program

The Dental Assisting Program consists of Dental Assistant Theory, Dental Laboratory instruction and Clinical Experience. Boise State University works with the Dental Advisory Board in planning and promoting the program and curriculum. Changes may be made at any time to take advantage of advances in the Dental profession.

Entrance requirements: High School Diploma or Equivalency Certificate, acceptable scores on the G.A.T.B., personal interview and aptitude testing. Typing is a prerequisite. The dental assistant courses are taught by dental assistant instructors and guest dental lecturers.

This is an accredited program by the Council on Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of this course.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE NO. AND TITLE</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DA-101-102 Dental Laboratory</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>DA-106 Dental Assisting Clinical</td>
<td>3</td>
</tr>
</tbody>
</table>

EXPERIENCE.............. 3 3
Dental Office Management — 2
Public Health and Dental Hygiene — 2
Communication Skills — 3 3
Dental Theory — 4 3
Occupational Relationships — 2
Fundamentals of Speech — 3 —
First Aid (Elective) — 2 —

20 14

COURSES

DA DENTAL ASSISTING

101-102 Dental Laboratory (4-3 credits). This course consists of practical laboratory training in manipulation of dental materials, instrumentation, sterilizing and care, pouring and trimming study models, custom trays, use of equipment and safety, and exposing and processing dental x-rays. Taken concurrently with DA 151-152. Fourteen clock hours per week. Fall semester. Minimum of six hours a week. Spring semester.

106 Dental Assisting Clinical Experience (3 credits). Supervised chairside assisting experience in the private dental offices and dental clinics. Sixteen clock hours a week. Spring semester.

108 Dental Office Management (2 credits). The fundamentals of business practices as related to the office, including bookkeeping, appointment control, supply control, business correspondence, as well as credit and collection procedures. Two clock hours per week.

109 Public Health and Dental Hygiene (2 credits). This course deals with phases of health in which the student can aid in conserving the general and dental health of herself, her family and community. It is concerned with such subjects as Federal and State Health Departments, preventive dentistry, communicable disease, degenerative disease, diet and nutrition, mental health and general health information. Two clock hours per week.

111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and exactly is the performance objective of Communication Skills. As a trained 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 two semester course designed to maximize personal involvement.

151-152 Dental Theory (4-3 credits). Comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time in ethics, professional relationships, patient education, dental anatomy, terminology, charting, related sciences, and dental specialty fields. Taken concurrently with DA 101-102. Sixteen clock hours per week. Fall semester. Six clock hours per week. Spring semester.


OPERATING ROOM TECHNOLOGY

9 Month Program

The Operating Room Technology Program. in cooperation with St. Alphonsus Hospital is approximately nine months in length and consists of daily practice in surgery and classroom instruction. A certificate will be awarded upon graduation from the course. Students are then eligible to take a certifying exam, which if passed, qualifies them as Certified Operating Room Technicians recognized by the Association of Operating Room Technicians and the Association of Operating Room Nurses and the American College of Surgeons.

This Program has been accredited by the Joint Review Committee on Education for the Operating Room Technician, sponsored by American Medical Association Council on Allied Health Education.

ADMISSION:

Entrance requirements: High School graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery. These tests are given at the Department of Employment and Boise State University respectively. A complete medical and dental examination is required. A personal interview with the instructor is necessary before admission.

Classroom work includes instruction in basic sciences of anatomy and physiology, microbiology, sterilization, aseptic technique, instruction in the needs of humans in surgery, with emphasis on the operating room technician's part in meeting these needs.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery.

Refund policy — Section I of the Catalog.
PRACTICAL NURSING PROGRAM
12 Month Program

The practical nursing program, in cooperation with three hospitals, a Long Term Care Facility and the State Board for Vocational Education, is approximately one calendar year in length and consists of hospital nursing experiences and classroom instruction. A certificate is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them to practice as Licensed Practical Nurses.

ADMISSION:

Entrance requirements: High School graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery and a pre-entrance test, which are given by the Department of Employment and Boise State University respectively. A complete medical and dental examination is required. The selection Committee recommends to the director candidates for the program after a personal interview.

Classroom work includes instruction in the needs of individuals in health and in sickness, with emphasis on the practical nurses' part in meeting these needs.

Clinical experience consists of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, caring for sick children, new mothers and infants, rehabilitation and remotivation techniques in care of the aged and long-term patient. Failure to meet requirements in either theory or clinical areas may result in termination from the program.

MECHANICAL PLANT MAINTENANCE
9 Month Program

The Mechanical Plant Maintenance curriculum will provide the student with laboratory experience, practical theory, and related instruction. These courses include mathematics, basic electricity, blueprint reading, hydraulics, pneumatics, welding, machine tool procedures and troubleshooting.

Preventive maintenance and job safety will be stressed. Emphasis will be on obtaining beginning skills necessary to prepare students for entry level jobs in the expanding maintenance field.

Credits in this course of study are not counted toward an academic degree.

Course No. and Title  Fall  Spring
Mechanical Maintenance Lab  10  10
Mechanical Maintenance Theory  5  5
Occupational Relationships  —  2

15  17

PM MECHANICAL PLANT MAINTENANCE
121-122 Mechanical Plant Maintenance Laboratory (10-10 credits). These courses provide the laboratory application of principles covered in theory classes. Fall semester coverage will concentrate on basic welding for the maintenance field, including oxy-acetylene, stick electrode, M.I.G., T.I.G., and similar procedures. Spring semester emphasizes beginning fundamentals of maintenance machine tool operations using the lathe, milling machine, and other equipment found in the machine shop. Related topics will be included. 20 clock hours per week.

141-142 Mechanical Plant Maintenance Theory (5-5 credits). These courses include mathematics, basic electricity, pneumatics, hydraulics, blueprint reading, safety, troubleshooting, and other subjects related to the maintenance field. 10 clock hours per week.


MACHINE SHOP
2-Year Program

The machinist's course consists of shop work and related instruction in the use of hand and machine tools together with classroom instruction in problems and technical information related to the trade. Credits in this course of study are not counted toward an academic degree.

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 101, 102  Machine Shop Laboratory 8 8</td>
<td></td>
</tr>
<tr>
<td>MS 111  Communication Skills 2 2</td>
<td></td>
</tr>
<tr>
<td>MS 121, 122  Rel. Blueprint Reading 3 3</td>
<td></td>
</tr>
<tr>
<td>MS 132  Related Basic Math 2 2</td>
<td></td>
</tr>
<tr>
<td>MS 151, 152  Related Theory 3 3</td>
<td></td>
</tr>
<tr>
<td>16 16</td>
<td></td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 201, 202  Adv. Machine Shop Lab 8 8</td>
<td></td>
</tr>
<tr>
<td>MS 221  Blueprint Reading &amp; Layout 2 2</td>
<td></td>
</tr>
<tr>
<td>MS 231, 232  Related Adv. Math 4 4</td>
<td></td>
</tr>
<tr>
<td>MS 251, 252  Adv. Machine Shop Theory 2 2</td>
<td></td>
</tr>
<tr>
<td>MS 262  Occupational Relationships 2 2</td>
<td></td>
</tr>
<tr>
<td>16 16</td>
<td></td>
</tr>
</tbody>
</table>
ELECTRICAL LINEMAN

11 Month Program

The Electrical Lineman curriculum provides the student with both field training and practical theory in all phases of power line installation and maintenance. The program is designed to produce a skilled apprentice lineman. In addition, the student will earn a completion card in the American Red Cross multi-media First Aid Course.

In the laboratory the student will work on real equipment such as transformers. In the field he will perform underground, overhead distribution, and construction and maintenance. The student will learn to work with all necessary tools and equipment of his craft with emphasis on safety at all times.

Credits in this course of study are not counted toward an academic degree.

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL-101-102-103 Lineman Lab</td>
</tr>
<tr>
<td>EL-151-152-153 Lineman Theory</td>
</tr>
<tr>
<td>EL-262 Occupational Relationships</td>
</tr>
</tbody>
</table>

FRESHMAN YEAR:

1ST SEM. 2ND SEM.

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 101-102 Welding Lab</td>
</tr>
<tr>
<td>W 111 Welding Communications</td>
</tr>
<tr>
<td>W 121-122 Basic Blueprint Reading &amp; Layout</td>
</tr>
<tr>
<td>W 221-222 Advanced Blueprint Reading &amp; Layout</td>
</tr>
<tr>
<td>W 241-242 Welding Science</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

1ST SEM. 2ND SEM.

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 201-202 Welding Lab</td>
</tr>
<tr>
<td>W 212 Shop Management</td>
</tr>
<tr>
<td>W 221-222 Advanced Blueprint Reading &amp; Layout</td>
</tr>
</tbody>
</table>

1ST SEM. 2ND SEM.

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>W 101-102 Welding Laboratory</td>
</tr>
<tr>
<td>W 212 Shop Management</td>
</tr>
<tr>
<td>W 221-222 Advanced Blueprint Reading &amp; Layout</td>
</tr>
<tr>
<td>W 241-242 Welding Science</td>
</tr>
</tbody>
</table>

WELDING

2-Year Program

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 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.
Related math necessary to perform these layout and fitting problems. Prerequisite: Basic Blueprint Reading and Layout W 121-122.

241-242 Welding Science (4 credits). First semester—Study of the basic metallurgy properties of metals and tests to determine their uses, the iron carbon diagram and the part carbon plays in the production of steel. Second semester—Study of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code and Procedures. Operators’ qualifications; heat treatment of steels, testing and inspection of welds, behavior and influences of alloys in irons, steels and exotic metals, thermal curves, freezing alloys, structural composition, changes in the solid state and carbide precipitation and its effect on the chrome steels. Weldability of these metals.


BASIC WELDING
9 Month Program

The welding curriculum is designed to provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

FRESHMAN YEAR:
1ST SEM.
W 101-102 Welding Lab............................. 8
W 111 Welding Communications.................. 3
W 131-132 Related Basic Math.................... 3
W 151-152 Welding Theory...................... 2
W 262 Occupational Relationships.............. 2

2ND SEM.

16 15

BASIC WELDING

Basic Welding courses are described under Welding.

DEPARTMENT OF LIGHT TECHNOLOGIES

Department Head: Donald S. Jones
Electronic-Mechanical Service Technician: Wagster
Drafting: Burkey, Leigh, Watts, Weston, Olson
Electronics: Macken, D. Millard, K. Millard, LaRue

ELECTRONIC-MECHANICAL SERVICE TECHNICIAN

The Electronic Mechanical Service Technical program provides training for the individual that wishes to repair electronic or mechanical devices. The emphasis in this program is how to repair and very little on the mathematical or theoretical approach. Students entering into this program have two options open to them before graduation. At the end of the freshman year they may choose Consumer Electronics or Business Machine Technician. During the sophomore year, the student will specialize in one of these two fields.

Students graduating from either field will receive a diploma. Credits in this curricula are generally not transferable toward an academic degree.

FRESHMAN YEAR:
1ST SEM.
ES 101-102 Mechanical Lab........................ 4
ES 103-104 Electronics Lab........................ 2
ES 113 Customer Relations...................... 2
ES 132 Small Business Math.................... 3
ES 151-152 Mechanical Theory................... 2
ES 153-154 Electronic Theory.................... 3
MM 213 Credits & Collections................... 2
ES 130 Related Electronic Math................ 3

2ND SEM.

16 16

VOCATIONAL TECHNICAL SCHOOL

CONSUMER ELECTRONICS (OPTION)

SOPHOMORE YEAR:
1ST SEM. 2ND SEM.
ES 203-204 Electronics Lab.................. 11 11
ES 253-254 Applied Theory & Shop Mgmt........ 3 3
ES 271-272 Digital Electronics.............. 3 3

17 17

COURSES

ES CONSUMER ELECTRONICS

101-102 Mechanical Lab (4 credits). These courses deal with the adjustment and repair of mechanisms (10 clock hours per week).
103-104 Electronics Lab (2 credits). Deals with the use of electronic test equipment and the testing of circuits developed for the understanding of theory. (5 clock hours per week).
113 Customer Relations (2 credits). Directed toward the tact and methods necessary to communicate with the public. (2 clock hours per week).
130 Related Electronic Math (3 credits). Basic mathematics through Algebra required to understand the electronic theory. (3 clock hours per week).
132 Small Business Math (3 credits). The math and record keeping necessary to run a small business. (3 clock hours per week).
151-152 Mechanical Theory (2 credits). This theory is taught in conjunction with the mechanical lab and for the most part as need exists during that lab. (5 clock hours per week).
153-154 Electronic Theory (3 credits). These courses are the basic theory of R, C, L, and diode inactive circuits and transistor vacuum tube and Ic active circuits. (5 clock hours per week).
203-204 Electronics Lab (11 credits). These courses will be the actual repair of any domestic electronic equipment (25 clock hours per week).
253-254 Applied Theory and Shop Management (3 credits). This course is designed to be conducted within the lab situation and at any time a question of common interest to the entire class should arise (3 clock hours per week).
271-272 Digital Electronics (3 credits). This course is a study of all the logic gates and their trouble shooting techniques (3 clock hours per week).

BUSINESS MACHINE TECHNOLOGY (OPTION)

The course and outline in Business Machine Technology has been developed to give the student of the course enough basic knowledge to be productive and able to perform the 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 technician. He will be trained in Basic Electronics, testing procedures, and maintenance techniques for manual, electric, and electronic business machines. Pre-requisite: Electronic-Mechanical Service Technician one year Freshman course.

SOPHOMORE YEAR:
1ST SEM. 2ND SEM.
BM 201-202 Adv. Business....................... 7 7
ES 271-272 Digital Electronics.............. 3 3

16 16

COURSES

BM BUSINESS MACHINE TECHNOLOGY

201-202 Adv. Business Machine Laboratory (7 credits). A self-paced workshop where student is able to practice concepts taught in ES 251-252 with special emphasis on troubleshooting, adjustments, quality control, and the use of special test equipment, including multimeters and oscilloscopes. (18 clock hours per week). Prerequisite: ES 101-102.
251-252 Adv. Business Machine Theory (6 credits). This is a hands on type theory course in which the student is taught basic concepts of Business Machines including: adders, calculators, copy machines, electronic business machines and duplicator processes with trouble-shooting techniques. Also taught are shop management and related selling techniques. (10 clock hours per week). Prerequisite: ES 151-152.

PT PRE-TECHNICAL—SEQUENCE

This is a one-semester pre-technical sequence for those students who lack the recommended prerequisite courses deemed nec-
essary 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 elapse since their last formal schooling.

<table>
<thead>
<tr>
<th>COURSES</th>
<th>CREDIT</th>
<th>CREDIT EQUIV.</th>
<th>HOURS PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-010 Blue Print Reading and Basic</td>
<td>3</td>
<td>10 hours</td>
<td></td>
</tr>
<tr>
<td>Mechanical Drawing</td>
<td>—</td>
<td>(2 Lec. 8 Lab.)</td>
<td></td>
</tr>
<tr>
<td>PT-020 Intro. to Tech. Communications</td>
<td>3</td>
<td>3 hours Lec.</td>
<td></td>
</tr>
<tr>
<td>PT-030 Intro. to Tech. Mathematics</td>
<td>4</td>
<td>5 hours Lec.</td>
<td></td>
</tr>
<tr>
<td>PT-040 Science Survey</td>
<td>4</td>
<td>5 hours Lec.</td>
<td></td>
</tr>
<tr>
<td>PT-050 Technical Orientation</td>
<td>1</td>
<td>2 hours Lec.</td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>15</strong></td>
<td><strong>25 hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

The above non-credit courses are open to all students entering the technical programs in Boise State University.

The above sequence is offered every semester, as student pressure demands and will allow admittance in the spring as well as the fall semester.

**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.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT 101 Drafting Lab and Lecture</td>
<td>3</td>
</tr>
<tr>
<td>DT 111 Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>DT 131 Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>DT 141 Science</td>
<td>3</td>
</tr>
<tr>
<td>DT 153 Manufacturing Processes</td>
<td>2</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>DT 102 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td>DT 112 Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>DT 122 Introduction to Surveying</td>
<td>3</td>
</tr>
<tr>
<td>DT 132 Math</td>
<td>4</td>
</tr>
<tr>
<td>DT 142 Science</td>
<td>3</td>
</tr>
<tr>
<td><strong>Third Semester</strong></td>
<td><strong>4</strong></td>
</tr>
<tr>
<td>DT 201 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td>DT 221 Descriptive Geometry</td>
<td>3</td>
</tr>
<tr>
<td>DT 231 Applied Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>DT 241 Statics or DT 242 Strength of Materials</td>
<td>4</td>
</tr>
<tr>
<td>DT 253 Design Orientation</td>
<td>2</td>
</tr>
<tr>
<td>DT 262 Occupational Relationships</td>
<td>2</td>
</tr>
<tr>
<td><strong>Fourth Semester</strong></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>DT 202 Drafting Lab and Lecture</td>
<td>4</td>
</tr>
<tr>
<td>DT 222 Technical Report Writing</td>
<td>2</td>
</tr>
<tr>
<td>DT 232 Applied Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>DT 242 Strength of Materials or DT 241 Statics</td>
<td>4</td>
</tr>
</tbody>
</table>

*DT 263 Specialized Graphics 2
*or approved elective.

**DT DRAFTING TECHNOLOGY**

101 Drafting Laboratory and Lecture (4 credits). Mechanical Drafting with basic drafting techniques, standards, and methods. Fifteen clock hours per week.

102 Drafting Laboratory and Lecture (4 credits). Architectural drafting with tension compression and bending. Introduction to limited structural design. 15 clock hours per week. Prerequisite: DT 101.

111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, clearly, clearly and exactly is the performance objective of Communication Skills. As a team member, 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 two semester, credit course designed to meet upper level communication needs.

122 Surveying (3 credits). Introduction to surveying, methods and computation. Required field work, with emphasis on compiling data and office computation. 4 clock hours per week. Prerequisite: or corequisite with DT 132.

131 Mathematics (5 credits). Fundamentals of algebra with an introduction to trigonometry and the use of the slide rule. Prerequisite: satisfactory grade in high school algebra or equivalent. Four clock hours per week.

132 Mathematics (4 credits). Advanced algebra and trigonometry, closely integrated with drafting, surveying and science. Prerequisite: DT 131 or equivalent. Four clock hours per week.

141 Applied Physics (3 Credits). A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to fluids.

142 Applied Physics (3 credits). Course in the basic principles of heat, sound, light, electricity, and magnetism, correlated with technical mathematics DT-132. Four clock hours per week. Prerequisite: DT-141.


201 Drafting Laboratory and Lecture (4 credits). Civil Drafting, mapping, highway curves, and earthwork. Fifteen clock hours per week. Prerequisite: DT 122, DT 132, DT 102.

202 Drafting Laboratory and Lecture (4 credits). Structural drafting terminology, structural and reinforcing steel specifications and drafting practice. Prerequisite: DT 201, DT 221. Fifteen clock hours per week.

211 Descriptive Geometry and Development (3 credits). Theory and practice of coordinate projection applied to the solution of properties of points, lines, planes and solids with practical drafting application. Four clock hours per week.

222 Technical Report Writing (2 credits). A course to provide an understanding and practice in the processes involved in technical writing and methods of preparing report based on problems related to the student's curriculum. Two clock hours per week.

231 Applied Mathematics (3 credits). Solution of practical problems involving concepts from DT 131 and DT 132 Math. Prerequisite: DT 132. Four clock hours per week.

232 Applied Mathematics (3 credits). Prerequisite: DT 231. Four clock hours per week. Application and expansion of mathematics, statics and strength of materials. Related to lab projects.

241 Statics (4 credits). Introductory course in statics with emphasis on analysis of simple structures. Four clock hours per week. Prerequisite: DT 132.

242 Strength of Materials (4 credits). Analysis of stress and strain in torsion, tension, compression and bending, introduction to limited structural design. Four clock hours per week. Prerequisite: DT 132.

253 Design Orientation (2 credits). A lecture-laboratory course designed to provide an opportunity for the student to apply theory, principles and methods to solving of problems typical of those to be encountered in practice. Three clock hours per week.


263 Specialized Graphics (2 credits). An intensive study of perspective and rendering used in industrial illustration, and architectural rendering and civil engineering graphics. Lecture-laboratory. Three clock hours per week.

**ELECTRONICS—CURRICULUM**

The Electronics Technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in manufacturing, field troubleshooting, and research and development.

Credits in these courses of study are generally not counted toward an academic degree.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-101-102 Electronics Laboratory</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>ET-104 Digital Computer</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>ET-111-112 Communication Skills</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ET-131-132 Basic Electronics Math</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>ET-141 Basic Physical Science</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>ET-151-152 Electronic Theory</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>ET-171-172 Circuit Analysis</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

144
SOPHOMORE YEAR:

1ST SEM.  
101 Electronics Laboratory (2 credits). Study of basic electricity, color code, test equipment, L.C.R. components, basic semiconductors. Ten hours laboratory per week.
102 Electronics Laboratory (2 credits). A continuation of ET 101. Basic radio receiver analysis, and basic amplifiers, printed circuit design and processing, logic circuits. Prerequisite: Laboratory ET 101. Ten hours laboratory per week.
104 Digital Computer Programming (2 credits). Course for Electronics majors to introduce programming principle and logic. Consideration given to input-output, arrays, functions, prerequisite ET-131 or equivalent. Two clock hours per week.

2ND SEM.  
111, 112 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly and easily the performance objective of Communication Skills. As trainee, work, 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 two semester, credit course designed to maximize personal involvement.
131-132 Basic Electronics Mathematics (4-4 credits). First semester—Review of basic fundamentals of mathematics, algebra, geometry, and basic trigonometry. Second semester—A continuation of first semester, logarithms, and an introduction to analytical geometry. The course will prepare the student for calculus. Five clock hours per week.
141 Basic Physical Science (2 credits). This course is designed to acquaint the electronics technician with the basic principles of chemistry, mechanics, heat, sound, light, nuclear physics and magnetism. Two clock hours per week.
151 Electronics Theory (5 credits). The theory of basic electricity, color code, test equipment, L.C.R. components, transistors, vacuum tubes and an introduction to logic circuits. Five clock hours.
152 Electronics Theory (5 credits). A continuation of ET 151 with an emphasis placed on the function of the components, studied first semester, into systems in this course. These systems include basic amplifiers, AM receivers and logic circuits. Special emphasis is placed on transistor circuit design. Five clock hours per week.
171-172 Circuit Analysis (3 credits). The purpose of this course is to immediately get the beginner into practical circuits of electronic type and let him see that all the theoretical materials covered do have application. This has two purposes: to get him involved with useful circuits and schematic symbols and to make him employable at lower levels than electronic technician. Theory and troubleshooting is the program becomes necessary. This course advances to solid state electronic circuits as ET-151-152 gets to this point. Both semesters the student is expected to analyze, debate, and report on circuits he is seeing for the first time. Ten clock hours.
201, 202 Advanced Electronic Lab (5 credits). These courses would follow the same description as ET 151-152 (Theory) but would be concerned with the test, measurement, and calibration of those circuits covered during theory. Ten clock hours per week.
231, 232 Advanced Electronic Math (3 credits). Differential and integral calculus is covered on a continuing basis both semesters. Starting with limits, basic differentiation, trigonometric functions, logarithmic functions and basic differential equations. Three clock hours.
241-242 Electronics Science (2 credits). The application of the electro-electronics principles, to the measurement and control of the physical properties of heat, light, sound. Prerequisite: ET 141 or 2 clock hours per week.
251, 252 Advanced Electronic Theory (4 credits) The study of electronic circuits that usually include one or more Integrated Circuits (I.C.'s) and associated discrete components. Emphasis is placed on the many possible configurations of the operational amplifier. Among these applications are integrators, signal generators, function generators, and filters. Second semester study includes assembly of a group of I.C.'s and discrete components to form complete electronic systems, radio frequency applications, and a sophisticated student project.

COURSES

AB AUTO BODY

11 Month Program

The Auto Body curriculum is designed to provide the student with the background necessary for employment in a shop repairing damaged automobiles. Basic laboratory practices of restoring vehicles to their original design, structure and finish are covered in this course. Some basic glasswork and frame alignment work are also covered. The student is given the opportunity to work on a variety of repair jobs in the shop. This training provides students with the necessary skills and knowledge for employment in the Auto Body Trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.

SUBJECT

COURSE NO. AND TITLE  
FALL  SPRING  SUMMER
AB-121-122-123 Auto Body Lab....... 10 10 7
AB-141-142-143 Auto Body Theory — 7 5 6
AB-262 Occupational Relationships — 2 — —

17 17 12

AB AUTO BODY

121-122-123 Auto Body Laboratory (10-10-7 credits). The purpose of these courses is to develop and give practice in the skills needed by an auto body repairman. Subjects covered include the following: orientation, safety rules, shop housekeeping, oxy-acetylene welding, painting fundamentals, metal working and shaping, plastic and lead body filling, advanced painting processes, frame alignment, glass and panel replacement. Twenty-five hours laboratory per week.
141-142-143 Auto Body Theory (7-5-5 credits). This course correlates with the auto body laboratory course. The theory of auto body repair and painting is covered. Mathematics and science necessary for and related to the trade are taught. Ten hours lecture summer and Fall. Eight hours lecture Spring per week.

AUTO BODY

11 Month Program

The Auto Body course consists of 11 months of instruction. Specialty areas within the program may be taken after testing and approval by instructor.

Course  
AM 100 Basic Automotive Mechanics 8
AM 262 Occupational Relationships 2
AM 110 Intermediate Electricity 3
AM 111 Intermediate Engines 3
AM 112 Intermediate Fuel Systems 1
AM 113 Intermediate Power Trains 2
AM 114 Vehicle Control Systems 3
AM 115 Air Conditioning 1
AM 116 Automatic Transmission 3
AM 120 Advanced Auto Mechanics 8
AM 121 Advanced Auto Mechanics 8

145
VOCATIONAL TECHNICAL SCHOOL

COURSES

BASIC AUTOMOTIVE MECHANICS

AM 100 Basic Automotive Mechanics (8 credits). The Basic Automotive Mechanics section of the program consists of orientation to the University, automotive industry and safety policies, along with theory and practice of the use and care of mechanics tools and equipment, fasteners, precision measuring devices, tube fabrication and soldering. This will also include fundamentals and construction of electrical systems, engine, cooling systems, vehicle control systems, fuel systems, and power train. The student must satisfactorily complete all theory and laboratory assignments or pass challenge exam before progressing into intermediate Auto Mechanics. Consists of approximately 10 hours a week theory and 20 hours a week laboratory.


INTERMEDIATE AUTOMOTIVE MECHANICS

The Intermediate Automotive Mechanics section of the program covers all phases of the automobile in both classroom theory, laboratory projects and mock-up training aids are utilized. Approximately 10 hours a week theory and 20 hours a week laboratory. The student must satisfactorily complete all workbook and laboratory assignments before progressing to Advanced Automotive Mechanics. Basic Mechanics or a challenge exam is a prerequisite to Intermediate Mechanics.

AM 110 Electrical (3 credits). This course covers various types of electrical components and wiring systems of the automobile using the latest testing and diagnostic equipment.

AM 111 Engine (3 credits). This course includes theory and laboratory practice of engine overhaul procedure on live engines to the manufacturers specifications.

AM 112 Fuel Systems (1 credit). This advanced course covers two and four barrel carburetors consisting of theory, repair and diagnostic procedures.

AM 113 Power Train (2 credits). This course includes laboratory practice and proper overhaul procedures to manufacturers specifications. It also includes the proper care and handling, special tools, and equipment used in the air conditioning service.

AM 114 Vehicle Control Systems (3 credits). This course will cover basics in design and fundamentals of operation of diesels 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.

ADVANCED AUTO MECHANICS

AM 120 Advanced Auto Mechanics (8 credits).

AM 121 Advanced Auto Mechanics (8 credits).

The Advanced Automotive Mechanic section of the program includes a study of failure analysis of previous courses. Working on customer vehicles in actual shop conditions. Practice of shop management, customer relations, routing of shop work and parts ordering techniques. Consists of approximately 5 hours a week theory and 25 hours a week laboratory.

After completing set course objective, student can be employed at instructor's recommendation. Graduation will be based on student's job performance.

HEAVY DUTY MECHANICS—DIESEL

11 Month Program

This program is designed to prepare students for employment as heavy duty mechanics in the trucking industry. Instruction will cover basics in design and fundamentals of operation of diesel and heavy duty gasoline engines as well as the other component parts of the truck. Instruction will be on mock-ups and live work in the shop.

SUBJECT COURSE NO. AND TITLE FALL SPRING SUMMER

<table>
<thead>
<tr>
<th>COURSE NO. AND TITLE</th>
<th>FALL</th>
<th>SPRING</th>
<th>SUMMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM-101-102-103 Diesel Lab</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>DM-151-152-153 Diesel Theory</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>DM-262 Occupational Relationships</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>17</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

DM HEAVY DUTY MECHANICS-DIESEL

101-102-103 Diesel Laboratory (10-10-10 credits). This course provides the laboratory application of principles covered in the theory class. Basic instruction will be on mock-ups, general theory, math and measuring instruments, and shop units but most experience will be in making actual repairs to live units.

151-152-153 Diesel Theory (5-5-5 credits). A study of the design, construction, maintenance and repair of trucks and diesel and heavy duty gasoline engines. Shop safety, care and use of tools, basic welding, internal combustion engines, transmissions and power trains, cooling systems, fuel systems, electrical systems, suspension and hydraulic and air brakes will be studied.


PARTS COUNTERMAN

9 Month Program

The Counterman Program is designed to familiarize the student with all phases of the Automotive parts business. A study of index systems, types of invoices, customer relations, refunding, refunding procedures and warranty adjustments will be covered. Emphasis and training on the use of catalogs, price sheets, and other related forms used in the parts industry are considered.

<table>
<thead>
<tr>
<th>SUBJECT COURSE NO. AND TITLE</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC-101-102 Parts Counterman Lab</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>PC-151-152 Parts Counterman Theory</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>PC-131 Related Basic Mathematics</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>PC-262 Occupational Relationships</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

COURSES

PC PARTS COUNTERMAN—Courses

101-102 Automotive Parts Laboratory (10-10 credits). In the laboratory experience, the student will gain full understanding of the organization of a parts store. A "mock store" is established and operated on campus in conjunction with the Automotive Mechanics and Auto Body Programs. The Lab experience includes training for each particular type of dealership and jobber operation.

131 Related Basic Mathematics (2 credits). Basic arithmetic and a study of fractions, decimals, 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.


SMALL ENGINE REPAIR

(Recreational Vehicles) 9 months

The Small Engine Program will include classroom, math, and shop experience concerned with maintaining and repairing of a variety of two cycle and four cycle engines used on portable power equipment, e.g., lawn mowers, outboard motors, chain saws, rotary tillers and recreational vehicles. Training will emphasize the complete repair of all types of small engine equipment.

Credit in this course of study are not counted toward an academic degree.
COURSES

SE SMALL ENGINE REPAIR

101 Small Engine Laboratory (14 credits). This course will include application and instruction in the repair and overhaul of small engine units with emphasis on lawn and garden equipment. Twenty-five clock hours per week.

102 Small Engine Laboratory (14 credits). The repair and maintenance of recreational vehicles such as motorcycles, snowmobiles, and outboard marine engines is emphasized. Twenty-five clock hours per week.

141 Small Engine Theory (2 credits). This course provides a basic understanding of the internal combustion engine and application of principles to two and four cycle engines. Fundamentals in carburetors, electrical and basic circuitry is covered. Eight clock hours per week.

142 Small Engine Theory (2 credits). This course includes instruction on the repair and maintenance of power train, auxiliary clutching, trouble shooting, fuels, exhaust and engine tune-up. It includes the theory of marine engines and chain saws. Eight clock hours per week.


DEPARTMENT OF
SERVICE OCCUPATIONS

Department Head: Glenda Trumbo
Child Care: Corell, Lingenfelter, Gourley
Food Service: Hoff, R. Smith, Schaeffer
Horticulture: Griffith, Oyler
Mid-Management: Knowton, Lane, Scudder
Office Occupations: Metzgar, Potas, Trumbo, McDonough, Ream

CHILD CARE STUDIES (Supervisor)

This curriculum is planned for people interested in working as a supervisor in private day care centers, plays grounds, camps, nurseriess, kindergartens, and child development centers.

DAY CARE SUPERVISOR (18 Month Program)

The graduate will assist with or operate a day care center which provides for physical care, emotional support and social development of children in groups.

This two year course will provide students with the opportunities to direct children's play, provide food, supervise workers, and manage resources in a nursery school setting. Completion of the program defined as Child Care Assistant is a prerequisite to the supervisor level program.

DAY CARE ASSISTANT:

CC-101 Introduction to Child Development 3

CC-151 Introduction to Child Development 3

CC-111 Communication Skills 3

CC-141 Health and Care of the Young Child 2

CC-171-172 Curriculum of the Young Child 3

CC-181-182 Child Care Laboratory 3

CC-125-126 Contracted Field Experiences in Early Childhood Programs 1

CC-135-136 Planning and Evaluation of Laboratory Exper. 2

Total Credits 17

DAY CARE TEACHER/SUPERVISOR:

CC-251-254 Advanced Child Care 3

CC-231-232 Child Care Center Management 2

CC-252 Family and Community Involve-

VOCATIONAL TECHNICAL SCHOOL

CC CHILD CARE

101 Introduction to Child Development (3 credits). A beginning study of child growth and development, the individual needs of children, and an understanding of the methods of guidance and discipline for preschool children.

111 Communication Skills (3 credits). To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. A 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 course designed to maximize personal involvement.

125-126 Contracted Field Experience in Early Childhood Programs (1-1 credits). Individual contract arrangement involving student, instructor and cooperating community agency to gain practical experience in off-campus settings. The student will visit, observe, and participate in community child care settings.

135-136 Planning and Evaluation of Laboratory Experience (2-2 credits). Classroom lecture and discussion to include lab observation and records as a basis for developing curriculum and teaching child behaviors, methods of curriculum planning and evaluation, method and objectives, classroom objectives, and staff performance and relations.

141 Health and Care of the Young Child (2 credits). Safety practices in child care centers. Basic nutrition, and general health education necessary for working with children will be stressed. The teacher's health and well-being as it affects children with whom she is working will be covered. Required in course will be the Red Cross multi-media first-aid emergency training. In compliance with state licensing regulations A Tuberculin test is also required.

151 Introduction to Child Development (3 credits). Studies of guidance and discipline will be continued, along with some techniques of handling behavior problems in the nursery school. Classroom structures, theories of preschool instruction, and methods of nursery school teaching will be included.

171-172 Curriculum of the Young Child (3-3 credits). Introduction to the curricula media suitable for preschool children. The course will include the theories of teaching young children in the preschool environment; the need for a curriculum in nursery school; the importance of children's play; and specific information and material in the following areas: creative art, books and story telling, music and rhythms, environmental science, and beginning number and letter recognition.

181-182 Child Care Laboratory (3-3 credits). Observation and participation in the laboratory preschool. Students in this course will participate directly with children assuming the role of assistant teacher. The student will plan and carry out a variety of daily activities and attend staff meetings. Students will become acquainted with the curriculum, classroom arrangement, daily schedules, child guidance, and responsibilities of staff personnel.

201-202 Child Care Center Supervision (2-3 credits). Observation and participation in the laboratory preschool. This course is designed to enable the student to gradually assume responsibility for the total child care operation under the supervision and consultation of the instructor. Students will assume the role of head teacher in a child care center planning the curriculum, coordinating and supervising staff responsibilities, conducting staff meetings, and planning daily and weekly schedules. Students will explore the use of various techniques for observing and recording the behavior of children in preparation for child evaluations and parent-teacher conferences.

225-226 Contracted Practicum in Early Childhood Programs (2-2 credits). By permission of instructor. A course designed to meet specific needs of the student as determined by both the student and instructor. A practical application of knowledge and skills in community child care settings. Individual contract arrangement involving student, instructor and cooperating agency to gain practical experiences in off-campus settings.

231-232 Child Care Center Management (2-3 credits). This course is designed to give the student a basic knowledge needed for the operation of a child care center as a business. Business arithmetic, record-keeping (financial, operational, staff, etc.), purchasing of equipment, materials and supplies, and employer-employee relationships will be stressed. Bookkeeping techniques for an actual day care center will be included.

235-236 Planning and Evaluation of Child Care Center Supervision (1-1 credits). Classroom lecture and discussion to include management of child care programs, methods for supervising staff, child guidance techniques, curriculum and staff evaluations, methods of working with parents, staff, and curriculum development to meet specific needs of individual children.

241-242 Feeding Children (3-3 credits). The nutritional requirements of preschool children will be emphasized. The course is designed to help the student plan, purchase, and serve nutritious snacks and meals to children in child care centers. Studies will include all aspects of setting up feeding plans for children, handling food allergies, and the development of positive mealtime attitudes. Emphasis will also be placed on the economics of good nutrition for a child care center.

251-254 Advanced Child Care (3-3 credits). History and background of child care in the United States will be studied, and a study will be made of the types and kinds of child care centers suitable for young children that are predominant in the Boise area. Also covered will be the qualifications of the teacher and/or supervisor for day care centers. Second semester students will emphasize infant day care, work with exceptional children and qualifications needed for kindergarten aides. Some knowledge of kindergarten curriculum will also be stressed.

Total Credits 17 16
CHILDCARE ASSISTANT (9 Month Program)

The graduate will be able to function effectively under supervision in caring for children's normal physical, emotional and social needs in group care centers, children's homes, hospitals, nurseries, and industry. This 9 month course will provide study of child growth, ways of working with children—infants, toddlers, and school age children and laboratory experience in a nursery school setting.

ENTRANCE REQUIREMENTS

Personal interest, interview, and aptitude testing.

DAY CARE ASSISTANT:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC-101 Introduction to Child Development</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>CC-151 Introduction to Child Development</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>CC-111 Communication Skills</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>CC-141 Health and Care of the Young Child</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>CC-171-172 Curriculum of the Young Child</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>CC-181-182 Child Care Laboratory</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CC-125-126 Contracted Field Experiences in Early Childhood Programs</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>CC-135-136 Planning and Evaluation of Laboratory Experience</td>
<td>—</td>
<td>2</td>
</tr>
</tbody>
</table>

CC CHILD CARE STUDIES (Assistant)

Child Care Studies (Assistant) courses are described under (supervisor) Child Care Studies.

FOOD SERVICE TECHNOLOGY

FIRST SEMESTER

<table>
<thead>
<tr>
<th>Course No. and Title</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-101 Food Theory and Techniques</td>
<td>5</td>
</tr>
<tr>
<td>FT-111 Communicative Skills</td>
<td>2</td>
</tr>
<tr>
<td>FT-101 Food Presentation Systems &amp; Techniques</td>
<td>4</td>
</tr>
<tr>
<td>FT-262 Occupational Relationships</td>
<td>1</td>
</tr>
<tr>
<td>FT-141 Basic Nutrition</td>
<td>2</td>
</tr>
</tbody>
</table>

SECOND SEMESTER

<table>
<thead>
<tr>
<th>Course No. and Title</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-102 Food Preparation Laboratory</td>
<td>6</td>
</tr>
<tr>
<td>FT-121 Purchasing, Storage &amp; Receiving</td>
<td>3</td>
</tr>
<tr>
<td>FT-133 Business Mathematics &amp; Machines</td>
<td>2</td>
</tr>
<tr>
<td>FT-152 Menu Planning</td>
<td>3</td>
</tr>
<tr>
<td>FT-154 Food Standards</td>
<td>2</td>
</tr>
</tbody>
</table>

THIRD SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-231 Restaurant Accounting &amp; Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>FT-221 Catering &amp; Beverage Control</td>
<td>3</td>
</tr>
<tr>
<td>FT-201 Baking</td>
<td>3</td>
</tr>
<tr>
<td>FT-202 Restaurant Management</td>
<td>6</td>
</tr>
<tr>
<td>FT-241 Specialty Cooking</td>
<td>2</td>
</tr>
</tbody>
</table>

FOURTH SEMESTER

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-251 Advertising &amp; Promotion</td>
<td>2</td>
</tr>
<tr>
<td>FT-252 Demonstration Methods</td>
<td>2</td>
</tr>
<tr>
<td>FT-203 Field Work</td>
<td>10</td>
</tr>
<tr>
<td>FT-222 Seminar</td>
<td>2</td>
</tr>
</tbody>
</table>

COURSES

FT FOOD SERVICE TECHNOLOGY

101 Food Presentation Systems Techniques (4 credits). This course covers the practical side of preparing food, bus and set tables, wait on tables, dining room etiquette, dishwashing room and cashiering. We concentrate on a certain job if student desires one specialty, such as dishwashing. This course also familiarizes the students with general safety and sanitation rules pertaining to the entire restaurant as those specifically required to use and maintain the equipment in both the dining room and kitchen. Fifteen clock hours per week.

102 Food Preparation Laboratory (6 credits). This course is designed to correlate the theory of departmental 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 Communication Skills (2 credits). To manage symbols and discover meaning candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is supplied 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 practice 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.

133 Business Math and Machines (2 credits). Fundamental operations of arithmetic in relation to food service businesses. The student receives instruction on ten-key adding machines, calculators, etc.

141 Basic Nutrition (2 credits). Study of the fundamentals of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

151 Food Theory and Techniques (5 credits). This course is to develop an understanding of the basic principles of cookery; skill and efficiency in preparation of foods; an appreciation of high standards of production; efficient use of time and attractive sanitary service of foods; an appreciation for the care and safe use of utensils and equipment; harmonious and cooperative working habits; and to introduce the student to the use of large quantity equipment and to develop an understanding of the basic principles of cookery and also to gain knowledge of foods and their uses. Ten clock hours per week.

152 Menu Planning (3 credits). The characteristics of a good menu, types of menus, the relationship between menu planning and personnel and equipment, sales history and production 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 foods 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.

161 Sanitation and Safety. The study and application of the health and sanitation codes for the State of Idaho and its relationship to the restaurant industry. Theory and Practice in the safe use of all restaurant equipment and personal safety in all phases of restaurant work. Two clock hours per week.

170 Service, Waitress/Waiter (10 credits). The theory and practice of correct dining systems and procedures. 8 week program.

171 Cashier/Hostess (6 credits). The theory and practice of public relations and dining room control. Prerequisite: FT-170. 8 week program.

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 of 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 to do the production job while their paid employee observes. He does every position in the kitchen and—or dining room. Twenty-four clock hours per week.

211 Catering and Beverage Control (3 credits). Practical approach to catering food service, covering theory in personnel duties, guarantee, menu pricing, function room profits, forms and controls. Orientation into Bar Controls and Techniques. Also, Wine History and sales.
Horticulture Service Technician—Curriculum
(Landscape Construction and Maintenance)

The landscape construction and maintenance curriculum has for its objective the preparation of students for employment in the landscape, nursery and greenhouse industries. This includes both the production, sales and service areas of these major fields. The training stresses the design of landscapes, their interpretation and construction including costs, but the production of nursery plants, plant propagation, the design of landscapes, and landscape planting is also covered. Graduates of the horticulture curriculum qualify for positions in nursery and floral establishments as well as in parks, grounds and highway departments. They may also enter the fields associated with plant propagation, nursery sales, greenhouse work and sales in the related fertilizer and insecticide fields. Credits in this course of study are not counted towards an academic degree.

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HO 101-102</td>
<td>Horticulture Laboratory</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>HO 111-112</td>
<td>Communication Skills</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HO 131-132</td>
<td>Related Basic Mathematics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HO 141-142</td>
<td>Related Basic Science</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>HO 151-152</td>
<td>Horticulture Theory</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Total: 18 credits

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HO 201-202</td>
<td>Horticulture Laboratory</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>HO 241-242</td>
<td>Related Science</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>HO 251-252</td>
<td>Horticulture Theory</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>HO 262</td>
<td>Occupational Relationships</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>HO 271</td>
<td>Individual Project</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MM 213</td>
<td>Credits and Collections</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MM 101</td>
<td>Salesmanship</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 17 credits

**COURSES**

**HO HORTICULTURE SERVICE TECHNICIAN**

101 Horticulture Laboratory (5 credits). Applying the related theory and content to the solution of practical problems in horticulture. Specific areas of application include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of perennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climatic and other factors limiting growth; soils; and soil amendments. Fifteen clock hours per week.

102 Horticulture Laboratory, pesticides, etc. 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 management of entire house operation; the use of insecticides, pesticides, etc., and precautions necessary during use.

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 related to his own need and career. This is a 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 arithmetic. Specific areas include addition, subtraction, multiplication, division, fractions, denominate numbers, square root, mensuration. Second semester—developing comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered include; income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll, etc. Three clock hours per week.

VOCATIONAL TECHNICAL SCHOOL

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) soils. Second semester—developing comprehension of the scientific principles utilized in: developments which aid plant propagation, construction materials, insecticides, pesticides. Two clock hours per week.

151-152 Horticulture Theory (5 credits). First semester—developing comprehension, analysis and evaluation of the following: (1) introduction into the field of horticulture, (2) plant classification and growth, (3) climate and other growth limiting factors, (4) soil and soil amendments. Second semester—developing comprehension, analysis and evaluation of the following: plant propagation (sexual); growing containers; insect and disease control. Seven clock hours per week.

201 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures, preparing greenhouse crops, and basic first aid. Fifteen clock hours per week.

202 Horticulture Laboratory (5 credits). Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures, preparing greenhouse crops, and basic first aid. Fifteen clock hours per week.

241 Related Science (2 credits). Developing comprehension of the scientific principles utilized in: (1) plant growing and (2) materials of construction.

242 Related Science (2 credits). Developing comprehension of the scientific principles utilized in: (1) power equipment; (2) lawn and shrub maintenance; and (3) plant wounds.

251 Horticulture Theory (5 credits). Developing comprehension, analysis and evaluation of the following: (1) various types of construction common to plant growing, i.e., greenhouses, cold frames, hot beds, lawn 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, scrapers, shovels, rakes, soil cutters, pesticide applications, etc.; (2) turf, shrub, and tree management; (3) prevention and treatment of plant wounds. Seven clock hours per week.


271 Individual Projects (3 credits). Providing the opportunity for the subject to apply all his prior education in planning, developing, and completing a unique, practical horticulture project.

**FASHION MERCHANDISING—MID-MANAGEMENT**

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101</td>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 101</td>
<td>Introduction to Business</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 102</td>
<td>Salesmanship</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 103</td>
<td>Clothing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 104</td>
<td>Business Math/Machines</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 105</td>
<td>Clothing Selection</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MGT 106</td>
<td>Textiles</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 107</td>
<td>Elements of Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 110</td>
<td>Intro. Fin. Accounting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MGT 111</td>
<td>Mid-Management Work Experience</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 112</td>
<td>Elective</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Total: 17 credits

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 201</td>
<td>Introduction to Marketing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 202</td>
<td>Fashion Analysis and Design</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MGT 203</td>
<td>Professional Speech Communication</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 204</td>
<td>Retail Buying</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 205</td>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MGT 206</td>
<td>Report Writing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 207</td>
<td>Principles of Retailing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 208</td>
<td>Visual Merchandising</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 209</td>
<td>Supervision of Personnel</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MGT 210</td>
<td>Elective</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Total: 16 credits
MARKETING—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 Mathematics/Machines</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Salesmanship</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Intro. Fin. Accting</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Merchandise Analysis</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elements of Management</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Professional Speech Communication</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Elective</td>
<td>-</td>
<td>2</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:   

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Retailing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Visual Merchandising</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Report Writing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Supervision of Personnel</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Retail Buying</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Credit and Collections</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td>-</td>
<td>2</td>
</tr>
</tbody>
</table>

16 16

MM MARKETING, MID-MANAGEMENT—Courses

Course offerings are described in Part V.

OFFICE OCCUPATIONS

Students may enter the program every 8 weeks or 5 times a year.

The Office Occupations curriculum is designed to assist the student to progress on an individualized basis to employment in one of more of the various classifications of office occupations. The length of the course will depend upon the individual’s goals and abilities.

ADMISSION:

Entrance requirements: All Boise State University admissions requirements must be met. The General Aptitude Test Battery (GATB) score must be kept 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.

COSTS:

The cost of each two 8 weeks block is $183.00.

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 study, 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 workers receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automobiles, Nursing and Farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State University School of Vocational Technical Education. Phone: 385-1974.

ADULT BASIC EDUCATION—No Credit

This program offers classes in basic arithmetic, reading, English and speaking skills for people who are performing below a twelfth grade academic level. Preparation for United States citizenship, beginning reading for adults, and English as a second language for non-English speaking people are offered through the Adult Education Program.

HIGH SCHOOL EQUIVALENCY (GED PREPARATION)—No Credit

The High School Equivalency Program is a course designed for people who are performing below a twelfth grade academic level. This program is designed to help people prepare for their high school Equivalency Test (GED).
### BOISE STATE FULL-TIME FACULTY

**January, 1978**

(The date in parenthesis is the year of first appointment)

#### A

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution and Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROBERT T. ADKINS</td>
<td>Associate Professor of Marketing</td>
<td>B.B.A., University of Chattanooga; M.B.A., Stanford University; Ph.D., University of Arkansas.</td>
</tr>
<tr>
<td>H. DUANE AKROYD</td>
<td>Assistant Professor, Director of Radiologic Technology</td>
<td>B.S., Medical College of Georgia; M.S., State University of New York at Buffalo.</td>
</tr>
<tr>
<td>JOHN W. ALLEN</td>
<td>Associate Professor of Physics</td>
<td>B.A., Willamette University; M.A., Ph.D., Harvard University.</td>
</tr>
<tr>
<td>ROBERT L. ALLEN</td>
<td>Associate Professor of Real Estate</td>
<td>A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.</td>
</tr>
<tr>
<td>RUDY N. ALONZO</td>
<td>Instructor in Heavy Duty Mechanics</td>
<td>B.S., Utah State University; Ph.D., Michigan State University.</td>
</tr>
<tr>
<td>ROBERT M. ANDERSON</td>
<td>Associate Professor of Mathematics</td>
<td>J.D., University of Arkansas; A.B., William Jewell College; M.S., Montana State University; Ph.D., University of Minnesota.</td>
</tr>
<tr>
<td>JAMES K. APPELEGATE</td>
<td>Assistant Professor of Geophysics; Department Head, Department of Geology and Geophysics</td>
<td>Geophysical Engineer, M.S., Ph.D., Colorado School of Mines.</td>
</tr>
<tr>
<td>GARY D. ARAMBARRI</td>
<td>Instructor in Welding</td>
<td>Shop Ironworker Apprenticeship, Gate City Steel; Shop Superintendent, Gate City Steel, Pocatello.</td>
</tr>
<tr>
<td>LONNY J. ASHWORTH</td>
<td>Clinical Instructor of Respiratory Therapy</td>
<td>B.S., Boise State University.</td>
</tr>
<tr>
<td>E. BARRY ASMUS</td>
<td>Associate Professor of Economics</td>
<td>B.S., M.S., Colorado State University; Ph.D., Montana State University.</td>
</tr>
<tr>
<td>STEVEN F. BAGGERLY</td>
<td>Instructor in Machine Shop</td>
<td>Diploma, Boise Junior College.</td>
</tr>
<tr>
<td>J. KAREN BAICY</td>
<td>Assistant Professor of Nursing</td>
<td>B.S., University of Maryland; M.N., UCLA.</td>
</tr>
<tr>
<td>CHARLES W. BAKER</td>
<td>Professor of Biology</td>
<td>B.S., M.S., University of Nevada; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>RICHARD BAKER</td>
<td>Associate Professor of Sociology</td>
<td>B.A., M.A., University of Wyoming; Ph.D., Washington State University.</td>
</tr>
<tr>
<td>JOSEPH A. BALDASSARRE</td>
<td>Instructor of Music</td>
<td>B.M.E., Baldwin Wallace College.</td>
</tr>
<tr>
<td>DAVID A. BALDWIN</td>
<td>Curriculum Librarian, Assistant Professor of Library Science</td>
<td>B.A., Upper Iowa College; M.A., University of Iowa.</td>
</tr>
<tr>
<td>JOHN B. BALDWIN</td>
<td>Associate Professor of Music</td>
<td>B.M.E., M.M.E., Wichita State University; Ph.D., Michigan State University.</td>
</tr>
<tr>
<td>RICHARD N. BALL</td>
<td>Associate Professor of Mathematics</td>
<td>B.A., University of Colorado; M.A., Ph.D., University of Wisconsin.</td>
</tr>
<tr>
<td>RICHARD C. BANKS</td>
<td>Professor of Chemistry</td>
<td>B.S., College of Idaho; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>GWYNN BARRETT</td>
<td>Professor of History</td>
<td>B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.</td>
</tr>
<tr>
<td>ROSALYN Q. BARRY</td>
<td>Assistant Professor of Communication</td>
<td>A.A., Stephens College; B.A., College of Idaho; M.S.J., Northwestern University.</td>
</tr>
<tr>
<td>WYLLA BARSNESS</td>
<td>Professor of Psychology</td>
<td>B.A., William Jewell College; M.S., Montana State University; Ph.D., University of Minnesota.</td>
</tr>
<tr>
<td>KATHRYN I. BECK</td>
<td>Assistant Professor of Social Work</td>
<td>B.A., Washington State University; M.S.W., Florida State University.</td>
</tr>
<tr>
<td>ROGER L. BEDARD</td>
<td>Instructor of Theatre Arts</td>
<td>B.A., University of North Iowa; M.F.A., University of Oregon.</td>
</tr>
<tr>
<td>ROBERT P. BEHLING</td>
<td>Associate Professor of Accounting and Data Processing</td>
<td>B.A., Colgate University; M.Ed., University of Portland; M.B.A., Boise State University; Ph.D., University of Northern Colorado.</td>
</tr>
<tr>
<td>JOHN L. BEITIA</td>
<td>Professor of Education</td>
<td>A.A., Boise Junior College; B.S., North Dakota State College; M.A., Idaho State University; Ed.D., Utah State University.</td>
</tr>
<tr>
<td>CAROLE JEAN BETTIS</td>
<td>Assistant Professor, Associate Librarian</td>
<td>Diploma, Boise Junior College.</td>
</tr>
<tr>
<td>JOHN PATRICK BIETER</td>
<td>Professor of Teacher Education and Library Science</td>
<td>B.A., St. Thomas College; M.A., University of California at Berkeley; Ed.D., University of Idaho.</td>
</tr>
<tr>
<td>DONALD B. BILLINGS</td>
<td>Professor of Economics</td>
<td>B.S., University of Idaho; M.S., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzels; Composition and Theory Pupil of J. DeForest Cline and Henry Trustman Ginsburg; Suzuki Institute of Toho School, Japan.</td>
</tr>
<tr>
<td>JAMES C. BLANKENSHIP</td>
<td>Assistant Professor of Art</td>
<td>Diploma, Boise Junior College.</td>
</tr>
<tr>
<td>J. KAREN BAICY</td>
<td>Assistant Professor of Nursing</td>
<td>B.S., University of Maryland; M.N., UCLA.</td>
</tr>
<tr>
<td>JOHN B. BALDWIN</td>
<td>Associate Professor of Music</td>
<td>B.M.E., M.M.E., Wichita State University; Ph.D., Michigan State University.</td>
</tr>
<tr>
<td>JOHN PATRICK BIETER</td>
<td>Professor of Teacher Education and Library Science</td>
<td>B.A., St. Thomas College; M.A., University of California at Berkeley; Ed.D., University of Idaho.</td>
</tr>
<tr>
<td>DONALD B. BILLINGS</td>
<td>Professor of Economics</td>
<td>B.S., University of Idaho; M.S., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzels; Composition and Theory Pupil of J. DeForest Cline and Henry Trustman Ginsburg; Suzuki Institute of Toho School, Japan.</td>
</tr>
<tr>
<td>JAMES C. BLANKENSHIP</td>
<td>Assistant Professor of Art</td>
<td>Diploma, Boise Junior College.</td>
</tr>
<tr>
<td>J. KAREN BAICY</td>
<td>Assistant Professor of Nursing</td>
<td>B.S., University of Maryland; M.N., UCLA.</td>
</tr>
<tr>
<td>JOHN B. BALDWIN</td>
<td>Associate Professor of Music</td>
<td>B.M.E., M.M.E., Wichita State University; Ph.D., Michigan State University.</td>
</tr>
<tr>
<td>RICHARD N. BALL</td>
<td>Associate Professor of Mathematics</td>
<td>B.A., University of Colorado; M.A., Ph.D., University of Wisconsin.</td>
</tr>
<tr>
<td>RICHARD C. BANKS</td>
<td>Professor of Chemistry</td>
<td>B.S., College of Idaho; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>GWYNN BARRETT</td>
<td>Professor of History</td>
<td>B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.</td>
</tr>
</tbody>
</table>

#### B

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution and Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. KAREN BAICY</td>
<td>Assistant Professor of Nursing</td>
<td>B.S., University of Maryland; M.N., UCLA.</td>
</tr>
<tr>
<td>CHARLES W. BAKER</td>
<td>Professor of Biology</td>
<td>B.S., M.S., University of Nevada; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>RICHARD BAKER</td>
<td>Associate Professor of Sociology</td>
<td>B.A., M.A., University of Wyoming; Ph.D., Washington State University.</td>
</tr>
<tr>
<td>JOSEPH A. BALDASSARRE</td>
<td>Instructor of Music</td>
<td>B.M.E., Baldwin Wallace College.</td>
</tr>
<tr>
<td>DAVID A. BALDWIN</td>
<td>Curriculum Librarian, Assistant Professor of Library Science</td>
<td>B.A., Upper Iowa College; M.A., University of Iowa.</td>
</tr>
<tr>
<td>JOHN B. BALDWIN</td>
<td>Associate Professor of Music</td>
<td>B.M.E., M.M.E., Wichita State University; Ph.D., Michigan State University.</td>
</tr>
</tbody>
</table>

### FACULTY
FACULTY

ROLANDO E. BONACHEA, Associate Professor of History (1974) B.A., University of New Mexico; M.A., Ph.D., Georgetown University.

ROBERT R. BOREN, Professor of Communication; Chairman, Department of Communication (1971) B.A., M.A., Brigham Young University; Ph.D., Purdue.

KAREN J. BOUNDS, Associate Professor of Business (1973) B.S.Ed., University of Alabama; M.Ed., University of North Carolina; Ed.D., North Texas State University.

NANCY C. BOWERS, Instructor in Practical Nursing (1975) Diploma, St. Joseph's Hospital School of Nursing; University of Arizona.

BILL C. BOWMAN, Associate Professor of Physical Education (1970) B.A., Southern Idaho College of Education; M.Ed., University of Oregon; Ed.D., Brigham Young University.

CLAIR BOWMAN, Associate Professor of Teacher Education (1976) B.S., Indiana University; M.A., University of Colorado; Ed.D., Indiana University.

PHYLLIS E. BOWMAN, Assistant Professor of Physical Education (1970) A.A., Weber State; B.S., Utah State University; M.A., Brigham Young University.

DALE BOYER, Professor of English (1968) B.A., M.A., University of Oregon; Ph.D., University of Missouri.

RICHARD F. BOYLAN, Associate Professor of Communication (1971) B.A., University of Arizona; M.A., Ph.D., University of Iowa.

JEAN BOYLES, Assistant Professor of Physical Education (1949-57, 1962, 1969) A.B., University of California; M.S., University of Colorado.

BRYCE T. BRADLEY, Assistant Professor of Accounting (1970) B.S., Idaho State University; M.B.A., University of Utah; C.P.A., Golden Gate University, University of Alaska.

J. WALLIS BRATT, Assistant Professor of Music (1970) B.M., University of Idaho; M.M., University of Utah.

SUSAN I. BRENDER, Associate Professor of Office Administration (1969) B.S.C., M.A., Ph.D., University of Iowa.

ALAN P. BRINTON, Assistant Professor of Philosophy (1975) B.A., Eastern Nazarene College; Ph.D., University of Minnesota.

THOMAS R. BROOKS, Assistant Professor of English (1977) B.A., Dartmouth University; Ph.D., Indiana University.

TIM BROWN, University Librarian; Associate Professor of Library Science (1977) B.A., St. Paul Seminary; M.A.; University of Illinois.


JANICE BUEHLER, Assistant Professor of Nursing (1974) B.S., University of Oregon; M.S., University of Colorado; M.A., University of California, San Francisco.

RICHARD E. BULLINGTON, Professor of Education, interim President (1968) B.S., Rutgers, M.A., Ed.D., University of Alabama.

RALPH L. BURKEY, Instructor in Drafting (1976)

ORVIS C. BURMASTER, Assistant Professor of English (1968) B.S., Montana State College; M.A., University of Montana; South Dakota State College, Utah State College.

CLARA P. BURTCH, Associate Professor of Teacher Education and Library Science (1969) B.A., M.A., College of Idaho.


SHERMAN BUTTON, Associate Professor of Physical Education (1976) B.A., M.A., Eastern Washington State College; Ph.D., University of Utah.

MAXIMO J. CALLAO, Associate Professor of Psychology, Counselor (1971) B.A., San Jose State College, M.S.Ed., Ph.D., Purdue University; University of Hawaii.


LYLE CAMPBELL, Instructor of Auto Mechanics (1977) B.S., Utah State University.

R. RUSSELL CAMPBELL, Associate Professor of Physics (1970) B.S., University of Washington; M.A., Ph.D., University of California, Irvine.

JANET CARLTON, Instructor of Business Education & Office Administration (1977) B.S., University of Idaho; M.A., Boise State University.

WILLIAM J. CARSON, Associate Professor of Accounting (1963) B.S., University of Notre Dame; M.B.A., University of Denver; University of Wyoming.

LOREN S. CARTER, Associate Professor of Chemistry (1970) B.S., M.S., Oregon State University; Ph.D., Washington State University.

JOHN A. CAYLOR, Professor of History (1976) A.B., Nebraska Teacher's College; M.A., Ph.D., University of Nebraska.

RUSSELL CENTANNI, Associate Professor of Biology, Chairman, Department of Biology (1973) B.S., M.S., John Carroll University; Ph.D., University of Montana.

WILLA M. CHAFFEE, Instructor in Practical Nursing Program; Department Head, Health Occupations (1967) R.N., St. Lukes Hospital; University of Colorado.

WAYNE CHATTERTON, Professor of English (1968) B.S., M.A., Brigham Young University; Ph.D., University of Utah.

JAMES LEE CHRISTENSEN, Associate Professor of Sociology (1970) B.S., Brigham Young University; M.A., University of Wyoming; Ph.D., University of Utah.

MARVIN CLARK, Professor of Business Education; Chairman, Department of Business Education & Office Administration (1969) B.S., St. Cloud State College; M.A., Ph.D., University of Minnesota.


MARGARET A. COCOTIS, Assistant Professor of English (1968) B.S., Portland State College; M.A., Reed College; Oregon State College.

CONRAD COLBY, Associate Professor of Health Sciences; Director, Respiratory Therapy Program (1970) B.A., M.A., University of Montana.
JUDITH A. COLTRIN, Instructor; Supervisor of Directed Practice, Medical Record Technician...........................(1972)
B.S., College of St. Mary.

Cecilia (Trudy) Comba, Associate Professor of Teacher Education..................................................(1970)
B.S., Duquesne University; M.Ed., University of Arizona; Ph.D., University of Oregon.

Doran L. Connor, Assistant Professor of Physical Education, Head Basketball Coach...............................(1969)
B.A.: Idaho State University; M.S., Utah State University.

Gene Cooper, Professor of Physical Education; Chairman, Department of Physical Education....................(1967)
B.S., M.S., D.Ed., University of Utah.

Betty Copeland, Assistant Professor of Art...................(1977)
B.S., Texas Women’s University; M.A., Ball State University.

Delbert F. Corbett, Assistant Professor of Theatre Arts ... (1969)

A. Robert Corbin, Assistant Professor of Sociology .........(1967)
B.A., Blackburn College; M.A., University of Washington; Th.M., Iliff School of Theology.

Robert C. Cornwell, Professor of Business Education.....(1969)
B.A., Wartburg College; M.A., Colorado State College; Ed.D., Arizona State University.

Patricia Correll, Instructor of Vocational-Technical Education......................................................(1977)
B.S., Washington State University.

William B. Cottle, Graphic Arts Media Specialist; Assistant Professor of Teacher Education & Library Science......(1977)
B.A., Brigham Young University; M.Ed., M.F.A., Utah State University.

Leone Cox, Associate Professor of Nursing..................(1976)
B.S.N., University of Nevada; M.A., University of Nebraska.

T. Virginia Cox, Assistant Professor of Anthropology .......(1967)
B.A., San Diego State College; M.A., University of California at Davis; University of Oregon; University of Georgia.

Verl. M. Cox, Associate Professor of Communication........(1977)
B.A., Idaho State University; M.A., Texas Christian University; Ph.D., University of Kansas.

David E. Crane, Head Catalog Librarian, Assistant Professor......................................................(1969)
B.A., California State University at San Francisco; M.A., California State University at San Jose.

G. Dawn Craner, Instructor in Communication................(1975)
B.A., Utah State University; M.A., Purdue University.

Betty L. Culley, Instructor in Art ................................(1976)
A.B., M.A.T., Indiana University.

Bill Darrell Curtis, Instructor in Auto Body...................(1967)
Diploma, Boise Junior College.

Elizabeth M. Curtis, Instructor in Operating Room Technology....................................................(1972)
Diploma, Kansas City General Hospital, School of Nursing.

D

E. John Dahlberg, Jr., Professor of Teacher Education ......(1970)
B.A., Pacific Lutheran University; M.A., Lewis & Clark College, Portland; Ed.D., University of Oregon.

Norman F. Dahm, Professor of Engineering..................(1953)
B.S., M.Ed., University of Colorado; Agricultural and Mechanical College of Texas; University of Washington; Bucknell University.

Mary Dallas, Instructor in Practical Nursing....................(1976)
B.S., Oregon State University; R.N., University of Oregon.

Jack L. Dalton, Professor of Chemistry; Chairman, Department of Chemistry....................................(1958)
B.S., Nebraska State Teachers College; M.S., Kansas State University of Agriculture and Applied Science; Kansas State College, Oregon State University.

A. Jerry Davis, Director High School & University Relations, Assistant Professor....................................(1968)
B.Th., Northwest Christian College; B.A., Drake University; M.Ed., Utah State University.

Charles George Davis, Professor of English; Chairman, Department of English.................................(1963)
B.A., Middlebury College; M.A., University of California, Berkeley; Ph.D., University of North Carolina.

James B. Demoux, Assistant Professor of Communication....(1971)
B.A., Brigham Young University; M.A., University of Montana; Ph.D., University of Colorado.

Dennis Dennihan, Assistant Professor of Radiologic Technology....................................................(1977)
B.S., M.Ed., University of Missouri.

Donald Deveau, Instructor in Art ................................(1976)
B.S., M.F.A., Tufts University; M.A., Boston University.

Jerry P. Dodson, Associate Professor of Psychology........(1970)
B.A., Ball State University; M.S., Ph.D., Purdue.

Paul Donaldson, Assistant Professor of Geophysics.........(1975)
Stanford University, B.S., University of Utah; Ph.D., Colorado School of Mines.

Dennis Donoghue, Professor of Political Science.............(1973)
B.S., M.A., Central Michigan University; Ph.D., Miami University.

Patricia M. Dorman, Professor of Sociology..................(1967)
B.S., M.S., Ph.D., University of Utah.

James G. Dooss, Associate Professor of Management; Associate Dean; MBA Program Coordinator......................(1970)
B.S., University of California; M.S., The George Washington University; Ph.D., University of Utah.

James D. Douglass, Jr., Assistant Professor of Art ..........(1972)
B.S., Western Michigan University; M.F.A., Cranbrook Academy of Art.

Richard R. Dows, Assistant Professor, Counselor ............(1975)
B.S., Pacific University; M.A., Ball State; Ed.D., Ball State.

Gerald F. Draayer, Associate Professor of Economics; Director, Center for Economic Education......................(1976)
B.A., Cavin College; M.A., Fairleigh Dickinson University; M.A., Purdue University; Ph.D., Ohio University.

Victor H. Duke, Professor of Pharmacology & Health Sciences; Dean, School of Health Science ...............(1972)
B.S. (Zool.), B.S. (Pharm.), Idaho State College; Ph.D., University of Utah.

E

Phillip M. Eastman, Assistant Professor of Mathematics....(1977)
B.S., M.S.T., Wisconsin State University; M.A., University of Illinois; Ph.D., University of Texas.

Joan Edgemon, Assistant Professor of Nursing................(1976)
B.S.N., Washington University; M.S.N., University of Kansas Medical School.

Wilber D. Elliott, Professor of Music; Chairman, Department of Music...........................................(1969)
B.A., University of Washington; M.E., Central Washington.

Robert W. Ellis, Associate Professor of Chemistry..........(1971)
B.S., College of Idaho; M.S., Ph.D., Oregon State University.

Robert Edward Ericson, Associate Professor of Theatre Arts; Chairman, Department of Theatre Arts .............(1970)
B.S., Pacific University; M.A., Indiana University; Ph.D., University of Oregon.
FACULTY

STUART D. EVETT, Assistant Professor of English ...................(1972)
  B.A., University of the South (Sewanee); M.A., Vanderbilt University.

G

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.

DENNIS B. FITZPATRICK, Associate Professor of Finance ..........(1972)
  B.S., University of Colorado; M.B.A., University of Santa Clara; D.B.A., University of Colorado.

NANCY L. FLEMMING, Associate Professor of Nursing ..........(1963)
  B.S.N., University of Nebraska College of Medicine; M.S.N., Montana State University.

ALLAN WALKER FLETCHER, Associate Professor of History ..........(1970)
  B.S., Louisiana State University; M.A., Ph.D., University of Washington.

MARIAN FLETCHER, Instructor; Assistant Reference Librarian .............(1974)
  A.B., Wheaton College; M.S.L.S., Louisiana State University.

CAROL FOUNTAIN, Associate Professor of Nursing .............(1967)
  A.S., Boise Junior College; B.S.N., University of Washington; M.N., Montana State University.

E. COSTON FREDERICK, Professor of Education ..........(1971)
  B.S. Ed., Indiana State Teacher's College; M.Ed., Temple University; Ph.D., Syracuse University.

JUDITH FRENCH, Assistant Professor of Teacher Education ..........(1976)
  B.A., M.A., University of Northern Colorado; Ph.D., Florida State University.

ROBERT L. FRIEDEL, Associate Professor of Teacher Education ..........(1972)
  B.S., M.Ed., Utah State University; Ph.D., University of Utah.

HARRY K. FRITCHMAN, II, Professor of Zoology ..........(1964)
  A.A., Boise Junior College; B.A., M.A., Ph.D., University of California at Berkeley.

EARL H. FRY, Assistant Professor in Political Science ..........(1976)
  B.A., M.A., Brigham Young University; Ph.D., University of California at Los Angeles.

ALBERT J. FUEHRER, Instructor in Auto Mechanics ..........(1965)
  Northwest Nazarene College; Idaho State University; Specialized Automotive Training, United Motor Service, Tigard, Oregon; Allen Tune-Up School, Sun Tune-Up School, Carter Carburetor Specialized training class; Rochester Specialized training class; Champion Technical Training School.

EUGENE G. FULLER, Professor of Zoology .............(1967)
  B.S., M.S., University of Nevada; Ph.D., Oregon State University.

EUGENE I. FURUYAMA, Associate Professor of Mathematics ..........(1972)
  B.A., Northwest Nazarene College; M.A.; Ph.D., Washington State University.

JERRY C. GEHPART, Associate Professor of Communications ..........(1972)
  B.S., Western Michigan University; M.A., St. Louis University; Ph.D., University of Utah.

JOHN GILLET, Associate Professor of Accounting & Data Processing ..........(1977)
  B.S., M.S., University of North Dakota.

WILLARD H. GODFREY, Jr., Professor of Marketing ..........(1970)
  B.S., Brigham Young University; M.S., University of Arizona; Ph.D., Montana State University; University of Colorado; Colorado State University.

SHARON GOLICK, Instructor in Operating Room Technology ..........(1976)
  Diploma, Toledo Hospital.

A. RICHARD GRANT, Associate Professor of Business Law ..........(1976)
  B.B.A., University of Portland; M.B.A., Northwestern University; LL.B., Willamette University.

DAVID W. GREEN, Assistant Professor of Teacher Education and Library Science ..........(1975)
  B.A., University of Northern Iowa; M.Div., McCormick Seminary; M.A.L.S., Rosary College.

FRANCES E. GRIFFITH, Instructor in Horticulture ..........(1971)
  Lewiston Business College.

DAVID GROEBNER, Associate Professor of Management ..........(1973)
  B.S., University of Minnesota; M.E.A., Ph.D., University of Utah.

H

DON P. HAAKE, Assistant Professor; General Librarian ..........(1971)
  B.A., M.L.S., University of Washington; Brigham Young University; Weber State College.

JAMES E. HADDEN, Assistant Professor of English ..........(1972)
  B.A., Rhode Island College; M.A., University of Washington.

CLAYTON W. HAHN, Associate Professor of Engineering ..........(1972)
  (1948-52, 1963)
  B.S. (M.E.), University of Colorado; University of Montana; Montana State College; University of California at Los Angeles; University of Southern California; University of Nebraska.

BENJAMIN HAMBELTON, Assistant Professor; Director of Educational Media Services ..........(1975)
  B.S., Boise State University; M.Ed., Utah State University.

MARK HANSEN, Assistant Professor in English ..........(1969)
  B.A., M.A., San Francisco State College.

BONNIE HARRIS, Instructor in Dental Assisting ..........(1976)
  Diploma, Boise State University; State University of New York.

RICHARD HART, Professor in Economics; Director Center for Research, Grants and Contracts ..........(1965)
  B.S., M.S., Utah State University; Ph.D., Kansas State University.

CAROL D. HARVEY, Associate Professor of Sociology ..........(1970)
  B.S., University of Idaho; M.A.; Ph.D., Washington State University.

ALAN R. HAUSRATH, Assistant Professor of Mathematics ..........(1977)
  S.B., Massachusetts Institute of Technology; Ph.D., Brown University.

FRANK K. HEISE, Assistant Professor of Theatre Arts ..........(1971)
  B.S., Wisconsin State University; M.A., University of South Dakota.

R. GAIL HEIST, Instructor in Real Estate ..........(1975)
  A.A., Boise Junior College; B.S., University of Utah; M.B.A., Boise State College.

JAMES R. HEMINGWAY, Associate Professor of Accounting & Data Processing ..........(1977)
  B.S., M.B.A., Texas Christian University; M.A., University of Pennsylvania.
FACULTY

WILLIAM K. JACKSON, Professor of Chemistry ........................................ (1965)
B.S., M.S., University of Florida; Ph.D., Washington State University.

KENNETH L. HILL, Associate Professor of Teacher Education (1968)
B.S., Illinois State University; M.A., College of Idaho; Oregon State University; Ed.D., University of Idaho.

LAWRENCE HOFF, Instructor in Food Service Technology ........... (1969)
B.S., Utah State University.

KENNETH M. HOLLENBAUGH, Professor of Geology, Dean of Graduate School ........................................ (1968)
B.S., Bowling Green State University; M.S., Ph.D., University of Idaho.

DONALD HOLLEY, Associate Professor of Economics .......... (1973)
B.A., Brigham Young University; M.A., University of Oregon; Ph.D., University of California at Riverside.

PATRICIA ANNE HOLMAN, Assistant Professor of Education (1970)
B.S., Northern Montana College; M.S., University of Utah.

THEODORE HOPENBECK, Assistant Professor of Criminal Justice ........................................ (1967)
B.S., M.Ed., University of Arizona.

JAMES W. HOPPER, Assistant Professor of Music .................. (1970)
B.S., Juilliard School; M.A., State University of Iowa; Washington State University.

MADELEINE HSU, Associate Professor of Music ........................................ (1971)

DAN D. HUFF, Associate Professor of Social Work ........... (1970)
B.A., Washburn University; M.S.W., Kansas University.

HOWARD L. HUFF, Associate Professor of Art ................. (1965)
Diploma, Boise Junior College; B.A., College of Idaho; M.F.A., University of Idaho.

ROBERT B. HUGHES, Professor of Mathematics ..................... (1971)
B.A., University of California, Riverside; M.A., University of California at Berkeley; Ph.D., University of California, Riverside.

GUY LAMONT HUNT, Associate Professor of Teacher Education; Dean of Admissions and Records ........................................ (1970)
B.S.Ed., Eastern Oregon College; M.S.Ed., Eastern Oregon College; Ph.D., Arizona State University.

DARRYL HUSKEY, Assistant Professor, Serials and Documents Librarian ........................................ (1969)
B.S., Brigham Young University; M.L., Kansas State Teachers College.

GAILISON, Professor of Psychology ........................................ (1970)
B.S., Idaho State University; M.A., Brigham Young University; Ph.D., University of Oregon.

WILLIAM K. JACKSON, Associate Professor of Accounting & Data Processing ........................................ (1977)
B.S., M.B.A., Northern Illinois University; Ph.D., University of Northern Colorado.

EDWARD JACOBY, Assistant Professor of Physical Education; Head Track Coach ........................................ (1973)
B.S., University of Idaho; M.S., University of Northern Colorado.

JAMES R. JENSEN, Clinical Coordinator/Instructor of Respiratory Therapy ........................................ (1977)
A.B., Brigham Young University; A.M., Ph.D., Indiana University.

JOHN H. JENSEN, Professor of Teacher Education and Library Science; Chairman, Department of Teacher Education and Library Science ........................................ (1969)
B.A., Western Michigan University; M.S., Ph.D., University of Oregon.

GEORGE JOCUMS, Professor of Foreign Language .................... (1973)
A.B., A.M., Duquesne University; Ph.D., University of Michigan.

GERALDINE JOHNSON, Instructor in Home Economics ............ (1976)
B.A., Northwest Nazarene; M.S., University of Idaho.

HELEN R. JOHNSON, Associate Professor of Office Administration ........................................ (1955)
B.A., Northwest Nazarene College; University of Idaho; Oregon State University; University of Washington; M.A., College of Idaho; University of Southern California, Arizona State University.

DONALD S. JONES, Instructor in Business Machinery Technology; Chairman, Department of Light Technologies ........................................ (1970)
Service Schools of Smith Corona, Olivetti Underwood, Olympia Electric, Gildden Paint Sales, Sharp Electronics School.

LEO E. JONES, Professor of Biology ........................................ (1972)
B.A., Chico State College; Ph.D., Oregon State University.

WILLIAM A. JONES, Assistant Professor of Physical Education ........................................ (1965)
B.A., Boise College; M.S., Utah State University.

JERRY C. JOSE, Assistant Professor of Foreign Language ......... (1976)
B.A., M.A., University of Oregon; Ph.D., University of Washington.

ROBERT C. JUOLA, Professor of Mathematics ........................................ (1970)
B.S., University of Oregon; M.S., Ph.D., Michigan State University.

K

FENTON C. KELLEY, Associate Professor of Zoology .................. (1969)
B.S., M.S., University of New Mexico; Ph.D., University of California at Berkeley.

G. OTIS KENNY, Assistant Professor of Mathematics ............. (1976)
A.B., Earlham College; M.A., Ph.D., University of Kansas.

WILLIAM KEPLER, Professor of Biology, Dean, School of Arts and Sciences ........................................ (1977)
B.S., University of Miami; M.S., Ph.D., University of Illinois.

CHARLES R. KERR, Associate Professor of Mathematics ............. (1969)
B.A., Washington State University; M.A., Ph.D., University of British Columbia.

JOHN H. KILLMASTER, Associate Professor of Art .................. (1970)
B.A., Hope College; M.F.A., Cranbrook Academy of Art; Universidad de Guana Juato, Mexico; Northern Michigan University; Michigan State University.

JAY ADLER KING, Assistant Professor of English .................. (1975)
B.S., Claremont Men's College; M.A., New York University.

LOUIS J. KING, Instructor in Auto Mechanics .................. (1972)

RICHARD S. KINNEY, Instructor in Political Science .................. (1975)
B.A., M.A., University of Notre Dame.

HOWARD J. KINSLINGER, Associate Professor of Management ........................................ (1975)
B.S., Brandeis University; M.B.A., City College of New York; Ph.D., Purdue University.

WILLIAM F. KIRTLAND, Professor of Teacher Education and Library Science ........................................ (1969)
Director of Reading Center; B.S., M.A., Bemidji State College; Ed.D., Arizona State University.

LEO L. KNOWLTON, Professor of Marketing .................. (1965)
B.S., M.S., University of Idaho; University of Oregon.

ALFRED KOBER, Associate Professor of Art .................. (1966)
B.S., M.S., Fort Hayes Kansas State College.

THOMAS L. KRAKER, Instructor of Allied Health Studies .................. (1977)
B.S., Incarnate Word College.
FACULTY

CARROLL LAMBERT, Associate Professor of Early Childhood Education ...........................................(1976)
B.S., M.S., Ed.D., Utah State University.

ELLIS LAMBORN, Professor of Economics .................................................................(1968)
B.S., Utah State University; M.S., University of Illinois; Ph.D., Cornell University; University of California.

MAX LAMBORN, Instructor in Parts Counterperson; Chairman, Department of Mechanical Technologies ..........(1972)

DANIEL GODLEIB LAMET, Associate Professor of Mathematics, Associate Department Head, Department of Mathematics ..........................................................(1970)
B.A., University of Michigan; M.A., Ph.D., University of Oregon.

RICHARD C. LANE, Associate Professor of Marketing .........................................................(1969)
B.S., M.S., Kansas State College; University of Missouri; University of Idaho.

WILLIAM LA RUE, Instructor in Industrial Physics; Department Head, Specialized Subjects ...........................................(1969)
Philo Corp., N.A.S.A. Manned Space Program; Boeing Corporation; B.S., Boise State University.

CHARLES E. LAUTERBACH, Associate Professor of Theatre Arts ..............................................(1971)
B.A., M.A., University of Colorado; Ph.D., Michigan State University.

GERALDINE LAWS, Assistant Professor of Nursing .............................................................(1977)
B.S.N., Armstrong State.

RICHARD V. LEAHY, Assistant Professor of English .........................................................(1971)
B.S., University of San Francisco; M.A., University of Iowa; Ph.D., University of California, Davis.

MALCOLM E. LEHMAN, Assistant Professor of Allied Health ..............................................(1975)
B.S., M.Ed., University of Missouri.

JOHN C. LEIGH, Jr., Instructor in Drafting .................................................................(1971)
Los Angeles Junior College.

THOMAS W. LEONHARDT, Assistant Professor, Acquisitions Librarian ..................................(1976)
B.A., M.L.S., University of California, Berkeley.

RAY LEWIS, Associate Professor of Physical Education ....................................................(1956)

PETER M. LICHTENSTEIN, Assistant Professor of Economics ............................................(1975)
B.A., M.S., Union College; M.A., Ph.D., University of Colorado.

GLEN LINDER, Instructor; Assistant Director, Area Vocational-Technical School ..................(1970)
B.S., University of Idaho.

JOAN LINGENFELTER, Instructor in Child Care .............................................................(1976)

BARBARA A. LOHMEIER, Instructor in Teacher Education ...............................................(1976)
B.S., University of Cincinnati.

ELAINE M. LONG, Assistant Professor of Home Economics .............................................(1975)
B.S., California State Polytechnic University; M.S., Iowa State University.

JAMES A. LONG, Assistant Professor of Biology ...........................................................(1974)
A.A., Centerville Community College; B.S., Ph.D., Iowa State University.

HUGH T. LOVIN, Professor of History ...................................................................................(1965)
B.A., Idaho State College; M.A., Washington State University; Ph.D., University of Washington.

ROBERT A. LUKE, Professor of Physics ..................................................................................(1968)
Diploma, Ricks College; B.S., M.S., Ph.D., Utah State University.

MICHAEL T. LYON, Assistant Professor of Business Administration ....................................(1970)
B.B.A., University of New Mexico; M.B.A., University of California at Berkeley.

LAMONT S. LYONS, Assistant Professor of Teacher Education & Library Science ...................(1977)
B.S., Brigham Young University; Ed.D., University of Massachusetts.

F. RICHARD MABBUTT, Instructor of Political Science ....................................................(1977)
B.A., M.A., University of Kansas.

JEAN MaclNNIS, Instructor in Dental Assisting .................................................................(1962)
C.D.A., University of North Carolina; Boise Junior College; Idaho State University.

DONALD R. MACKEN, Instructor of Vocational-Technical Education ..................................(1977)
B.S., Iowa State University; M.S., University of Tennessee.

JAMES MAGUIRE, Associate Professor of English ............................................................(1970)
B.A., University of Colorado; M.A., Ph.D., Indiana University.

CHERYL M. MAITLAND, Instructor of Health Occupations ................................................(1977)

GILES MALOOF, Professor of Mathematics ...........................................................................(1968)
B.A., University of California; M.A., University of Oregon; Ph.D., Oregon State University; San Bernardino Valley Junior College; University of California at Los Angeles.

DARWIN W. MANSHP, Associate Professor of Office Administration .........................................(1970)
B.A., Northwest Nazarene College; M.S., Utah State University; Boise Junior College; University of Idaho; Ed.D., Brigham Young University.

RUTH A. MARKS, Professor of Teacher Education and Library Science .....................................(1970)
B.A., Northwest Nazarene College; M.Ed., College of Idaho; Ed.D., University of Northern Colorado.

ROBERT L. MARSH, Assistant Professor of Criminal Justice Administration ......................(1974)
B.S., Lamar University; M.A., Ph.D., Sam Houston State University.

CLYDE M. MARTIN, Associate Professor of Teacher Education; Acting Dean, School of Education .......................................................(1970)
B.A., Linfield College; M.A., University of Oregon; Ed.D., Oregon State University.

EDWARD R. MATJEKA, Assistant Professor of Chemistry .......................................................(1976)
B.S., St. Mary’s University; Ph.D., Iowa State University.

CONSTANCE MATSON, Assistant Professor of Nursing .........................................................(1966)
B.S., University of Oregon; M.Ed., University of Idaho.

RICHARD J. McCLOSKEY, Assistant Professor of Biology ...................................................(1976)
B.A., Franklin College of Indiana; M.S., Ph.D., Iowa State University.

NIKI A. McCURRY, Assistant Professor of English .............................................................(1976)
B.A., University of Wisconsin; M.A., University of Virginia; Ph.D., Northwestern University.

SHARON A. McGuire, Assistant Professor of English ..........................................................(1967)
B.A., University of Idaho; M.A., Washington State University.

H. ALEXANDER McKINNON, Assistant Professor of Real Estate ...........................................(1977)
A.B., University of North Carolina; M.B.A., Ph.D., University of Texas.

ALISTAIR R. McMillan, Assistant Professor of Accounting .....................................................(1976)
B.S., M.B.A., University of Montana.

ROBERT D. McWILLIAMS, Associate Professor of Marketing and Mid-Management ..............(1975)

WILLIAM P. MECH, Associate Professor of Mathematics, Chairman, Department of Mathematics; Director of Honors Program ...................................................(1970)
B.A., Washington State University; M.S., Ph.D., University of Illinois.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GARY F. MONCRIEF</td>
<td>Associate Professor of Accounting</td>
<td>University of Denver, M.B.A.</td>
</tr>
<tr>
<td>JEROLD MILLER, C.P.A.</td>
<td></td>
<td>Cornell University.</td>
</tr>
<tr>
<td>VIRGINIA NEHRING</td>
<td>Associate Professor of Nursing</td>
<td>University of Bridgeport, M.S.N.</td>
</tr>
<tr>
<td>GARY D. MERCER</td>
<td>Assistant Professor of Chemistry</td>
<td>Cornell University.</td>
</tr>
<tr>
<td>DAVID K. MERRICK</td>
<td>Associate Professor of Allied Health Studies</td>
<td>University of Montana, M.S. Ph.D. Cornell University.</td>
</tr>
<tr>
<td>C. M. MERZ</td>
<td>Associate Professor of Accounting</td>
<td>California State College at Long Beach, D.B.A. University of Southern California</td>
</tr>
<tr>
<td>CAROL A MULLANEY</td>
<td></td>
<td>University of Denver.</td>
</tr>
<tr>
<td>M. ELIZABETH MONNINGER</td>
<td></td>
<td>University of Oklahoma.</td>
</tr>
<tr>
<td>ANNE MARIE NELSON</td>
<td>Associate Professor of Allied Art</td>
<td>Idaho State University, Certificate, Mid-West Motive Trades Institute.</td>
</tr>
<tr>
<td>KENNETH MUNNS</td>
<td>Instructor in Teacher Education</td>
<td>Idaho State University, Certificates.</td>
</tr>
<tr>
<td>KEITH MILLARD</td>
<td>Instructor in Electronics</td>
<td>Idaho State University, Certificates.</td>
</tr>
<tr>
<td>BEVERLY MILLER</td>
<td>Assistant Professor, Reference Librarian</td>
<td>B.A., Thiel College, Greenville, Pa., M.A. in Librarianship, University of Denver</td>
</tr>
<tr>
<td>GILBERT MCDONALD MILLER</td>
<td>Instructor, Director, Area Vocational-Technical School</td>
<td>Idaho State University, Certificates.</td>
</tr>
<tr>
<td>DEAN MILLARD</td>
<td>Instructor in Electronics</td>
<td>Boise Junior College, B.S.E. University of Idaho.</td>
</tr>
<tr>
<td>JOHN W. MITCHELL</td>
<td>Associate Professor of Economics</td>
<td>Wichita State University, S.B.M. of Accounting, University of Arizona.</td>
</tr>
<tr>
<td>GARY F. MONCRIEF</td>
<td>Associate Professor of Economics</td>
<td>California State University, M.A. Ph.D. Oregon University.</td>
</tr>
<tr>
<td>M. ELIZABETH MONNINGER</td>
<td>Associate Professor of Nursing</td>
<td>University of California at Santa Barbara, M.A. University of Idaho.</td>
</tr>
<tr>
<td>M. ELIZABETH MONNINGER</td>
<td>Associate Professor of Nursing</td>
<td>Duquesne University, M.S. California University Medical Center.</td>
</tr>
<tr>
<td>CAROL A. MULLANEY</td>
<td>Professor of English</td>
<td>B.A., M.A., Ph.D. The Catholic University of America.</td>
</tr>
<tr>
<td>KENNETH MUNNS</td>
<td>Instructor in Teacher Education</td>
<td>University of Colorado, M.A. Boise State University.</td>
</tr>
<tr>
<td>THEODORE MUNSON</td>
<td>Assistant Professor of Business Law</td>
<td>U.S. Naval Academy, J.D. Cornell University Law School.</td>
</tr>
<tr>
<td>VIRGINIA NEHRING</td>
<td>Associate Professor of Nursing</td>
<td>University of Bridgeport, M.S.N. Yale University.</td>
</tr>
<tr>
<td>ANNE MARIE NELSON</td>
<td>Counselor, Associate Professor of Education</td>
<td>College of Idaho, M.S. University of Oregon, Ohio University, M.A. Boise State University, Ph.D. University of Oregon.</td>
</tr>
<tr>
<td>GARY R. NEWBY</td>
<td>Professor of Physics; Chairman, Department of Physics, Engineering and Physical Science</td>
<td>B.S., Ph.D. Arizona State University.</td>
</tr>
<tr>
<td>ROSS S. NICKERSON</td>
<td>Assistant Professor in English</td>
<td>Boise College, M.A. University of Utah.</td>
</tr>
<tr>
<td>JOHN J. MEDLIN</td>
<td>Associate Professor of Accounting</td>
<td>University of Arizona, B.S.</td>
</tr>
<tr>
<td>B.A., University of California at Santa Barbara; M.A., Ph.D. University of Oregon.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. W. MILLER</td>
<td>Instructor in Auto Mechanics</td>
<td>University of Denver.</td>
</tr>
<tr>
<td>FLORENCE M. MILES</td>
<td>Professor of Nursing</td>
<td>Diploma, School of Nursing, St. Luke's Hospital, B.S.N.E., M.N. University of Washington; University of California at Los Angeles; Lewis-Clark Norman School; University of Colorado.</td>
</tr>
<tr>
<td>HANNAH MINNIS</td>
<td>Instructor in Teacher Education</td>
<td>University of Idaho.</td>
</tr>
<tr>
<td>JOHN O. MILLER</td>
<td>Assistant Professor of Political Science</td>
<td>University of California at Santa Barbara; M.A. University of Idaho.</td>
</tr>
<tr>
<td>M. ELIZABETH MONNINGER</td>
<td>Associate Professor of Nursing</td>
<td>Duquesne University, M.S. California University Medical Center.</td>
</tr>
<tr>
<td>CAROL A. MULLANEY</td>
<td>Professor of English</td>
<td>B.A., M.A., Ph.D. The Catholic University of America.</td>
</tr>
<tr>
<td>KENNETH MUNNS</td>
<td>Instructor in Teacher Education</td>
<td>University of Colorado, M.A. Boise State University.</td>
</tr>
<tr>
<td>THEODORE MUNSON</td>
<td>Assistant Professor of Business Law</td>
<td>U.S. Naval Academy, J.D. Cornell University Law School.</td>
</tr>
<tr>
<td>PAMELA J. NICKLESS</td>
<td>Assistant Professor of Economics</td>
<td>Indiana State University, M.S., Ph.D. Purdue University.</td>
</tr>
<tr>
<td>THOMAS OLSON</td>
<td>Instructor in Applied Mathematics</td>
<td>University of Idaho.</td>
</tr>
<tr>
<td>F. W. MILLER</td>
<td>Instructor in Auto Mechanics</td>
<td>University of Denver.</td>
</tr>
<tr>
<td>DONALD OAKES</td>
<td>Associate Professor of Music; Associate Department Chairman</td>
<td>University of California, M.A. Ph.D. Los Angeles.</td>
</tr>
<tr>
<td>B.A., M.A. University of California, Los Angeles.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHARLES M. ODAHL</td>
<td>Assistant Professor of History</td>
<td>California State University-Fresno, Ph.D. University of California, San Diego.</td>
</tr>
<tr>
<td>JOHN W. MITCHELL</td>
<td>Associate Professor of Economics</td>
<td>College of Idaho, M.A. University of California at Los Angeles; M.S.W. Fresno State University at Fresno, California.</td>
</tr>
<tr>
<td>PATRICIA K. OURADA</td>
<td>Professor of History</td>
<td>University of Saint Catherine, M.A. University of Colorado; Ph.D. University of Oklahoma; Laval University; University of Michigan; University of Minnesota; Marquette University.</td>
</tr>
<tr>
<td>WILLARD M. OVERGAARD</td>
<td>Professor of Political Science; Chairman, Department of Political Science</td>
<td>A.A. Boise Junior College, B.A. University of Oregon, M.A. University of Wisconsin; Ph.D. University of Minnesota; College of Idaho; University of Oslo, Norway.</td>
</tr>
<tr>
<td>NELDON D. OYLER</td>
<td>Instructor in Horticulture</td>
<td>A.A. Snow Colles, B.S., Brigham Young University.</td>
</tr>
<tr>
<td>ARNOLD PANITCH</td>
<td>Associate Professor of Social Work</td>
<td>Western Michigan University, M.S.W., Wayne State University.</td>
</tr>
<tr>
<td>HERBERT D. PAPENFUSS</td>
<td>Associate Professor of Botany</td>
<td>University of Utah, M.S., Brigham Young University, Ph.D. Colorado State University.</td>
</tr>
<tr>
<td>BEN L. PARKER</td>
<td>Assistant Professor of Communication</td>
<td>Southwest Texas State University, M.S., Ph.D. Southern Illinois University.</td>
</tr>
<tr>
<td>DONALD J. PARKS</td>
<td>Assistant Professor of Physical Science and Engineering</td>
<td>Colorado State University, M.S., Ph.D. University of Minnesota.</td>
</tr>
<tr>
<td>MAX G. PAVESIC</td>
<td>Associate Professor, Societal and Urban Studies</td>
<td>University of Minnesota.</td>
</tr>
</tbody>
</table>
FACULTY

RICHARD D. PAYNE, Associate Professor of Economics; Chairman, Department of Economics ........................................... (1970)
B.A., Utah State University; M.A., University of Southern California; Ph.D., University of Southern California.

LOUIS A. PECK, Professor of Art; Chairman, Department of Art ................................................................. (1955)
Boise Junior College; B.A., College of Idaho; University of California, Santa Barbara; M.S., Utah State University; Rex Brandt School of Art; Ed.D., University of Idaho.

MARGARET PEEK, Associate Professor of English ............................................... (1969)
B.A., M.A., University of Alaska; Ph.D., University of Nebraska.

JUNE R. PENNER, Assistant Professor of Nursing .................................................. (1974)
B.S.N., University of California, Los Angeles; M.P.H., University of California, Berkeley.

ELLIS RAY PETERSON, Professor of Chemistry ............................................. (1964)
B.S., M.S., Utah State University; Ph.D., Washington State University.

CHARLES D. PHILLIPS, Professor of Management ........................................... (1969)
A.B., DePauw University; M.A., Ph.D., University of Iowa.

JOHN L. PHILLIPS, Jr., Professor of Psychology; Chairman, Department of Psychology ........................................... (1954)
B.A., M.A., Reed College; Ph.D., University of Utah; University of Idaho; Beloit College; University of Washington; University of California at Berkeley.

C. HARVEY PITMAN, Associate Professor of Communication .......................................... (1966)
B.A., College of Idaho; M.Ed., Washington State University.

PAUL PROCTOR, Assistant Professor of Art .................................................. (1975)
B.S., Brigham Young University; M.F.A., Utah State University.

REX E. PROFIT, Clinical Coordinator/Instructor of Radiologic Technology ............................................ (1977)
B.S., Ohio State University.

HOWARD L. PUCKETT, Associate Professor of Accounting ........................................... (1976)
B.S., University of Michigan; M.B.A., Ph.D., Oklahoma State University.

CHARLES DENNIS QUINOWSKI, Instructor; Vocational Counselor ............................................ (1970)
B.S.Ed., Southern Oregon College.

DAVID W. RAYBORN, Assistant Professor of Communication ........................................... (1969)
B.A., Idaho State University; M.S., Southern Illinois University.

GREGORY RAYMOND, Assistant Professor of Political Science ............................................ (1975)
B.A., Park College; M.A., Ph.D., University of South Carolina.

GERALD R. REED, Associate Professor of Education, Coordinator of Grants & Contracts ............................................ (1967)
B.S., University of Wyoming; M.Ed., University of Idaho; Ed.D., Washington State University.

RICHARD J. REIMANN, Assistant Professor of Physics ............................................ (1974)
B.S., South Dakota School of Mines and Technology; M.S., Ph.D., University of Washington.

GEORGE F. ROBERTS, Associate Professor of Art ............................................ (1970)
B.A., San Diego State College; M.A., M.F.A., University of Iowa.

JOHN B. ROBERTSON, Associate Professor of Foreign Languages; Chairman, Department of Foreign Languages ............................................ (1974)
B.A., Idaho State University; M.A., Ph.D., University of Arizona.

W. JAMES ROBERTSON, Assistant Professor of Nursing ............................................ (1976)
B.S.N., M.N., University of Hawaii; M.A., Central Michigan University.

ELAINE ROCKNE, Instructor in Medical Records Technology; Director, Medical Records Technician Program ............................................ (1968)
B.A., College of St. Scholastica, Duluth, Minnesota.

ROGER RODERICK, Associate Professor of Management & Finance; Chairman, Department of Management & Finance ............................................ (1976)
B.S., Eastern Illinois University; M.S., Ph.D., University of Illinois.

JAMES K. RUSSELL, Associate Professor of Art ............................................ (1969)
A.B., San Diego State College; M.A., M.F.A., University of Iowa.

ASA M. RUYLE, Professor of Education, Vice-President for Financial Affairs ............................................ (1976)
B.S., M.Ed., Ed.D., University of Missouri.

ROBERT C. RYCHERT, Assistant Professor of Micro Biology ............................................ (1975)
B.S., Cornell University; M.A., San Francisco State; Ph.D., Utah State University.

NORMA JEAN SADLER, Assistant Professor of Teacher Education and Library Science ............................................ (1973)
A.B., University of California at Los Angeles; M.A., California State University at Long Beach; Ph.D., University of Wisconsin.

CHAMAN L. SAHNI, Assistant Professor of English ............................................ (1975)
B.A., Bareilly College; India; M.A., Lucknow University; India; M.A., University of Rhode Island; Ph.D., Wayne State University.

MICHAEL L. SAMBALL, Assistant Professor of Music ............................................ (1976)
B.F.A., University of Florida; M.M., North Texas State University.

RICHARD K. SANDERSON, Assistant Professor of English ............................................ (1971)
B.A., University of California, Berkeley; M.A., Ph.D., New York University.

MARTIN W. SCHEFFER, Professor of Sociology; Chairman, Department of Societal & Urban Studies ............................................ (1964)
A.A., Diablo Valley College; B.S., M.S., University of Oregon; Ph.D., University of Utah.

JACK ALBERT SCHLAFLIE, Assistant Professor of Education; Director, Educational TV ............................................ (1971)
B.A., University of Northern Colorado; M.P.A., University of Colorado.

PHYLLIS SCHMALJOHN, Assistant Professor of Teacher Education and Library Science ............................................ (1975)
A.A., Boise Junior College; B.A., Boise State College; M.A., Ed.D., University of Northern Colorado.

ANDREW B. SCHOEDINGER, Assistant Professor of Philosophy ............................................ (1972)

MARY A. SCHOLES, Instructor in Industrial Communications ............................................ (1971)
A.A., Boise Junior College; B.A., College of Idaho; University of Idaho; Idaho State University, San Francisco State University; Boise State University.

HENRIETTA S. SCOONOVER, Assistant Professor of Foreign Languages ............................................ (1974)
A.B., Bryn Mawr College; M.A., Ph.D., McGill University.

MYRL SCHROEDER, Instructor in Small Engine Repair ............................................ (1976)
LED A. SCRIMSHIER, Associate Professor of Home Economics; Chairman, Department of Home Economics ............................................ (1974)
B.S., M.S., University of Idaho; Ph.D., Ohio State University.

DUSTON R. SCUDDER, Professor of Marketing; Chairman, Department of Marketing and Mid-Management ............................................ (1964)
B.S. in Business Administration; M.A., University of Denver.
GLENN E. SELANDER, Assistant Professor of English.......................... (1966)
B.A., Southwestern University; M.A., Utah State University; Perkins School of Theology; Southern Methodist University; University of Utah.

JOHN E. SEVERANCE, Associate Professor of Engineering .... (1967)
B.S., University of Idaho; M.S., University of Arizona.

WILLIAM E. SHANKWEILER, Professor of Theatre Arts.......... (1956)

P A T R I C K W. SHANNON, Associate Professor of Management & Finance .................................................. (1974)
B.S., M.S., University of Montana; Ph.D., University of Oregon.

MELVIN L. SHELTON, Associate Professor of Music .................. (1968)
B.M.E., Wichita State University; Boise College; M.M., University of Idaho.

M I C H A E L A. SHORT, Instructor of Vocational-Technical Education .................. (1977)
B.A., Idaho State University; M.A., College of Idaho.

WILLIAM R. SICKLES, Professor of Psychology ....................... (1968)
B.A., Wittenberg University; M.A., Columbia University; Ph.D., University of California at Berkeley.

ROBERT C. SIMS, Associate Professor of History....................... (1970)
B.A., Northern Kentucky State College; M.A., University of Oklahoma; Ph.D., University of Colorado.

RAM L Y K H A S I N G H, Associate Professor of Teacher Education and Library Science, Coordinator, Field Experiences ........... (1975)
B.S., Mankato State College; M.A., Ed.D., University of Northern Colorado, Greeley.

WILLIAM G. SKILLERN, Professor of Political Science ............... (1971)
B.S., Linfield College; M.S., University of Oregon; Ph.D., University of Idaho.

ARNY R. SKOV, Associate Professor of Art .............................(1967)
A.A., Boise Junior College; B.A., M.F.A., University of Idaho; California College of Arts and Crafts.

FRANK H. SMARTT, Assistant Professor of Mathematics .............. (1958)

BERYL J. SMITH, Associate Professor of Registered Nursing .... (1972)
B.S., University of Utah; M.Ed., University of Illinois.

DONALD D. SMITH, Professor of Psychology ......................... (1967)
A.B., Nebraska State Teachers College; M.Ed., Whittier College; M.Ed., Ed.D., University of Southern California.

JO E LLENSMITH, Assistant Professor of Mathematics ................. (1976)
B.S., M.A., Ph.D., Bowling Green University.

LYLE SMITH, Professor of Physical Education, Director of Athletics ............................................................... (1946)
B.S. (Ed.), M.S. (Ed.), University of Idaho; San Diego State College.

RAY SMITH, Instructor in Food Service .................................. (1973)
Fullerton Junior College.

WILLIAM SMITH, Assistant Professor of Physics and Engineering .............................................. (1973)
B.A., M.A., Ph.D., University of Wisconsin.

MARK E. SNOW, Associate Professor of Psychology ................. (1971)
B.A., Eastern Washington College of Education; M.A., Ph.D., University of Idaho.

STEPHEN E. SPAFFORD, Instructor in Political Science, Associate Dean, Admissions and Records .......................... (1972)
B.A., Dartmouth College; M.A., University of Oregon.

CLAUDE SPINOSA, Professor of Geology ............................... (1970)
B.S., City College of New York; M.S., Ph.D., The University of Iowa.

FRANK W. STARK, Professor of Chemistry and Physical Science .................. (1967-68, 1967)
B.S., M.S., Trinity College; University of Denver.

HARRY L. STEGER, Associate Professor of Psychology .......... (1972)
B.A., University of California, Berkeley; B.D., Berkeley Baptist Divinity School; M.S., California State College; Ph.D., University of Kentucky.

THOMAS E. STITZEL, Professor of Management and Finance, Dean, School of Business ..................................... (1975)
B.S., Washington State University; M.B.A., Ph.D., University of Oregon; C.F.A.

J A N E T M. STRONG, Assistant Professor; Circulation Librarian .................................................. (1973)
A.A., Treasure Valley Community College; B.A., Eastern Oregon State College; M.L.S., University of Washington.

M A R S H A L L M. SUGIYAMA, Associate Professor of Mathematics .................. (1974)
B.A., Eastern Washington State College; M.S., Western Washington State College; Ph.D., Washington State University.

LADDIE J. SULA, Assistant Professor of Economics ................. (1975)
B.A., Loras College; M.A., University of Illinois; Urbana; Ph.D., Georgia State University.

ROBERT A. SULANKE, Associate Professor of Humanities ....... (1970)
B.A., Eastern Oregon State College; M.S., Case Institute of Technology; Ph.D., University of Kansas.

GERALD SUTTER, Sergeant, Instructor of Military Science ....... (1977)
Active Duty, United States Army.

CLARK SWAIN, Associate Professor of Marriage and Family Studies — Home Economics .......................... (1976)
B.S., Brigham Young University; Ph.D., Florida State University.

COLEEN SWEENEY, Assistant Professor of Physical Education .................. (1975)
B.A., M.A., California State University — Chico.

ROBERT B. SYLVESTER, Associate Professor of History ............ (1963)
A.A., Boise Junior College; B.A., M.A., University of California, Santa Barbara.

YOZO TAKEDA, Professor of Mathematics .................. (1969)
B.S., University of Michigan; M.A., University of Missouri; Ph.D., University of Idaho.

JOHN S. TAKEHARA, Professor of Art .................................. (1966)
B.A., Walla Walla College; M.A., Los Angeles State College; University of Hawaii.

JOHN A. TAYE, Assistant Professor of Art.......................... (1975)
B.F.A., University of Utah; M.F.A., Otis Art Institute of Los Angeles County.

ADRIEN P. TAYLOR, Head Reference Librarian ....................... (1977)
A.B., Friends University; M.A., Washington State University.

DAVID S. TAYLOR, Professor of Psychology, Vice-President for Student Affairs .................. (1972)
B.S.Ed., Northern Illinois University; M.S.Ed., Southern Illinois University; Ph.D., Michigan State University.

P A T R I C I A A. TAYLOR, Instructor in Nursing .......................... (1976)
B.S., Duquesne University.

ROBERT W. TAYLOR, Assistant Professor of Criminal Justice Administration .......................... (1977)
B.A., Boise State University; M.A., California State College, Long Beach.

RONALD S. TAYLOR, Instructor in Art ............................... (1975)
B.A., Boise State: M.F.A.; Utah State University.

WILLIAM K. TAYLOR, Professor of Music.......................... (1971)
B.M., Cornell College; M.M., Indiana University.
PHOEBE J. TERRY, Associate Professor of History ........................................(1966)
B.S., M.S., Drake University.

GEORGE THOMASON, Assistant Professor in Music ....................................(1975)
B.A., College of Idaho.

NAN M. THOMASON, Assistant Professor of Nursing .....................................(1967)
R.N., St. Luke's Hospital; B.S., Montana State University; M.Ed., University of Idaho.

CONNIE M. THORNGREN, Assistant Professor of Physical Education ..............(1970)
B.A., Idaho State University; M.Ed., Central Washington State College.

STEVEN DAVID THURBER, Associate Professor of Psychology ......................(1970)
B.S., M.S., Brigham Young University; Ph.D., University of Texas, Austin.

CHARLES R. TILLMAN, Instructor of Diesel Mechanics .................................(1977)

CARL W. TIPTON, Associate Professor of Management ...................................(1965)
Iowa Wesleyan College; University of Washington; George Washington University; M.B.A., University of Chicago.

JAMES W. TOMPKINS, Assistant Professor of Industrial Communications .......(1963)
A.B., Wheaton College; B.D., Th.B., Westminster Theological Seminary; University of Pennsylvania; Harvard University.

DAVID P. TORBET, Professor of Psychology, Director of Counseling and Testing Center ....................................................(1966)
B.S., Pacific University; M.A., University of Oregon; Ph.D., University of Colorado.

MARY ANN TOWLE, Instructor in Practical Nursing .....................................(1976)
B.S., Idaho State University.

WARREN TOZER, Associate Professor of History ........................................(1969)
B.A., M.A., Washington State University; Ph.D., University of Oregon.

LARRY B. TRIMBLE, Instructor, Vocational Counselor ................................(1974)
Boise Junior College; B.S., M.A., Northern Arizona University.

GLENDA TRUMBO, Instructor in Office Occupations, Department Head, Service Occupations ...................................................(1976)

ANTHONY THOMAS TRUSKY, Assistant Professor of English ....................(1970)
B.A., University of Oregon; M.A., Northwestern University; Trinity College; Dublin.

JERRY L. TUCKER, Professor of Education .................................................(1971)
B.S., M.N.S., University of Idaho; Ph.D., University of Washington.

WALTER TUCKER, Instructor in Air Conditioning ....................................(1975)
Diploma, Idaho State College; Air Conditioning and Refrigeration.

JOANN T. VAHEY, Professor; Chairman, Department of Registered Nursing .....................................................(1973)
B.S.N.Ed., College Misericordia; M.S.N., Catholic University; Ed.D., Columbus University.

LUIS J. VALVERDE Z., Professor of Romance Languages ..........................(1965)
B.A., Mankato State College; B.S., Southern Illinois University; M.A., University of Illinois; Ed.D., University of California at Los Angeles; University of Michigan; University of Washington; University of Texas; University of Indiana.

ROSS E. VAUGHN, Assistant Professor of Physical Education; Head Baseball Coach ..................................................(1973)
A.A., Riverside City College; B.A., Chico State College; M.S., Washington State University.

WARREN VINZ, Professor of History; Chairman, Department of History ..........(1968)
Lincoln College; B.A., Sioux Falls College; B.D., Berkeley Baptist Divinity School; M.A., Ph.D., University of Utah.

BENNY WAGSTER, Instructor of Business Machine Technology ........................(1977)

WENDEN W. WAITE, Assistant Professor of Teacher Education ...................(1976)
B.S., M.S., Ph.D., Utah State University.

LARRY L. WALDORF, Associate Professor of Management ............................(1970)
B.S., M.S., Colorado State University; Ph.D., Colorado State University.

ED WALKER, Assistant Professor of Teacher Education ............................(1976)
B.S., Wayne State College; M.A., Ed.D., University of Nebraska.

EUNICE WALLACE, Associate Professor of English ....................................(1968)
B.A., College of Idaho; Ed.M., Ph.D., Oregon State University; University of California; American University; Idaho State University; University of Utah.

GERALD R. WALLACE, Professor of Education; Interim Executive Vice-President ..................................................(1968)
B.A., College of Idaho; M.A., University of California; Ed.D., University of Oregon; Whitman College; Colorado State College; Oxford University.

STEVEN R. WALLACE, Assistant Professor of Physical Education .................(1972)
B.S., Boise State College; M.S., University of Utah.

JOHN WALTHER, Major, Professor of Military Science ................................(1977)
Active Duty, United States Army.

WILLIAM WARBERG, Assistant Professor of Business Education & Office Administration ..................................................(1977)
B.A., Linfield College; M.A., Utah State University; Ed.D., Oregon State University.

FREDERICK R. WARD, Associate Professor of Mathematics ......................(1969)
B.S., William and Mary; M.S., University of Colorado; Ph.D., Virginia Polytechnic Institute and State University.

KATHLEEN C. WARNER, Professor of English ........................................(1967)
A.B., M.A., Brigham Young University; Ph.D., State University of Iowa; University of Utah; Cambridge University.

MONT M. WARNER, Professor of Geology ..............................................(1967)
A.B., M.A., Brigham Young University; Ph.D., State University of Iowa; University of Utah; Cambridge University.

TARMO WATIA, Assistant Professor of Art .............................................(1969)
B.S., M.F.A., University of Michigan.

DONALD J. WATTS, Instructor in Drafting ..............................................(1973)
B.S.C.E., University of Idaho.

WILLIAM L. WAUGH, Instructor in Utility Lineman ................................(1976)

E. ALLEN WESTON, Associate Professor of Drafting-Design ..................(1964)
B.F.A., University of Arizona; M.Ed., Idaho State University; Jefferson Machamer School of Art, Art Center School, USA Engineering Drafting School, College of Idaho.

WAYNE E. WHITE, Professor of Business, Program Director, Aviation Management ..................................................(1965)
B.S., Northern Arizona University; M.A., Arizona State University; University of Arizona; Wichita State University.

MARCIA C. WICKLOW, Assistant Professor of Biology ..............................(1975)
B.A., M.A., San Francisco State College; Ph.D., Oregon State University.

MARGUERITE L. WILCOX, Associate Professor of Nursing ......................(1972)
B.S., Loma Linda University; M.N., University of California, Los Angeles.

EDWIN E. WILKINSON, Associate Professor of Psychology, Dean of Student Advisory and Special Services .................................(1958)
B.A., Whitworth College; M.S., Washington State University; University of Oregon; University of Akron.

MARJORIE WILLIAMSON, Associate Professor of Office Administration, Faculty Senate Secretary ..................................................(1967)
B.S.(Ed.), University of Kansas; M.B.(Ed.), University of Idaho; Washington State University.

LONNIE L. WILLIS, Associate Professor of English .................... (1970)
B.A., North Texas State; M.A., University of Texas; Ph.D., University of Colorado.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

JAMES WILTERDING, Associate Professor of Management & Finance .............................................. (1976)
B.A., Seattle University; M.B.A., Virginia Commonwealth University.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

ELLA MAE WINANS, Associate Professor of Mathematics .......... (1958)
B.S., University of Oregon; M.S., Idaho State University.

SPENCER H. WOOD, Assistant Professor of Geology ............ (1977)
Geophysical Engineer, Colorado School of Mines; M.S., Ph.D., California Institute of Technology.

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.

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.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

JAMES WILTERDING, Associate Professor of Management & Finance .............................................. (1976)
B.A., Seattle University; M.B.A., Virginia Commonwealth University.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

ELLA MAE WINANS, Associate Professor of Mathematics .......... (1958)
B.S., University of Oregon; M.S., Idaho State University.

SPENCER H. WOOD, Assistant Professor of Geology ............ (1977)
Geophysical Engineer, Colorado School of Mines; M.S., Ph.D., California Institute of Technology.

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.

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.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

JAMES WILTERDING, Associate Professor of Management & Finance .............................................. (1976)
B.A., Seattle University; M.B.A., Virginia Commonwealth University.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

ELLA MAE WINANS, Associate Professor of Mathematics .......... (1958)
B.S., University of Oregon; M.S., Idaho State University.

SPENCER H. WOOD, Assistant Professor of Geology ............ (1977)
Geophysical Engineer, Colorado School of Mines; M.S., Ph.D., California Institute of Technology.

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.

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.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

JAMES WILTERDING, Associate Professor of Management & Finance .............................................. (1976)
B.A., Seattle University; M.B.A., Virginia Commonwealth University.

MONTE D. WILSON, Professor of Geology .................. (1969)
B.S., Brigham Young University; M.N.S., University of Idaho.

ELLA MAE WINANS, Associate Professor of Mathematics .......... (1958)
B.S., University of Oregon; M.S., Idaho State University.

SPENCER H. WOOD, Assistant Professor of Geology ............ (1977)
Geophysical Engineer, Colorado School of Mines; M.S., Ph.D., California Institute of Technology.

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.
FACULTY

HELEN WESTFALL, Associate Professor of Physical Education (1962-1970)

THOMAS W. WILBANKS, Assistant Professor of English (1964-1966, 1969-1977)

PETER K. WILSON, Professor of Business Administration (1966-1977)

FACULTY

HELEN WESTFALL, Associate Professor of Physical Education (1962-1970)

FACULTY

THOMAS W. WILBANKS, Assistant Professor of English (1964-1966, 1969-1977)

PETER K. WILSON, Professor of Business Administration (1966-1977)

ADVISORY BOARDS

SCHOOL OF HEALTH SCIENCES

Environmental Health
Mr. Melvin Alsager, Boise
Dr. Eldon Edmundson, Boise
Ms. Nancy Ann Goodell, Boise
Mr. David Hand, Boise
Mr. Jack Jelke, Pocatello
Dr. Donald J. Obee, Boise
Mr. Jack Ross, Sandpoint
Dr. Lee Stokes, Boise
Dr. Russell J. Centanni, Boise

Environmental Health
Mr. Melvin Alsager, Boise
Dr. Eldon Edmundson, Boise
Ms. Nancy Ann Goodell, Boise
Mr. David Hand, Boise
Mr. Jack Jelke, Pocatello
Dr. Donald J. Obee, Boise
Mr. Jack Ross, Sandpoint
Dr. Lee Stokes, Boise
Dr. Russell J. Centanni, Boise

Medical Records
Donald Francis, Caldwell
Patricia Kemper, ART, Boise
Lorraine Schmells, ART, Caldwell
Kathy Seeborg, ART, Boise
Leonard Thompson, Boise
Judy Voss, Meridian

Medical Records
Donald Francis, Caldwell
Patricia Kemper, ART, Boise
Lorraine Schmells, ART, Caldwell
Kathy Seeborg, ART, Boise
Leonard Thompson, Boise
Judy Voss, Meridian

Nursing
JoAnna DeMeyer, R.N., Boise
Cindy Erhardt, Boise
Betty Gull, R.N., Emmett
Jean Hansen, R.N., Caldwell
Dorothy Krawczyk, R.N., Boise
Laura Larson, R.N., Boise
Jacqueline Mason, R.N., Boise
Clayton C. Morgan, M.D., Boise
Katherine Nelson, Boise
Mary Nelson, R.N., Boise
Celeste Rush, R.N., Boise
Betty Vivian, R.N., Boise
Suzan Walton, Boise

Nursing
JoAnna DeMeyer, R.N., Boise
Cindy Erhardt, Boise
Betty Gull, R.N., Emmett
Jean Hansen, R.N., Caldwell
Dorothy Krawczyk, R.N., Boise
Laura Larson, R.N., Boise
Jacqueline Mason, R.N., Boise
Clayton C. Morgan, M.D., Boise
Katherine Nelson, Boise
Mary Nelson, R.N., Boise
Celeste Rush, R.N., Boise
Betty Vivian, R.N., Boise
Suzan Walton, Boise

Radiologic Technology
C. W. Barrick, M.D., Boise
Carolyn Beaman, R.T., Boise
David W. Bennett, M.D., Caldwell
Tom Davies, R.T., Boise
Ronald L. Deis, R.T., Pocatello
Dean Jacobson, R.T., Nampa
Joan Knight, R.T., Boise
Donald Rau, M.D., Nampa
Charles L. Robertson, M.D., Boise
Carol Short, R.T.T., Boise
Charles Smith, M.D., Boise
Doug Sprague, Meridian

Radiologic Technology
C. W. Barrick, M.D., Boise
Carolyn Beaman, R.T., Boise
David W. Bennett, M.D., Caldwell
Tom Davies, R.T., Boise
Ronald L. Deis, R.T., Pocatello
Dean Jacobson, R.T., Nampa
Joan Knight, R.T., Boise
Donald Rau, M.D., Nampa
Charles L. Robertson, M.D., Boise
Carol Short, R.T.T., Boise
Charles Smith, M.D., Boise
Doug Sprague, Meridian

Respiratory Therapy
George Burger, R.R.T., Boise
Shirley Gossi, R.T., Boise
Kitty Gurnsey, Boise
Daniels Hanson, M.D., Boise
Keith Hopper, R.R.T., Boise
James J. McCabe, M.D., Nampa
David K. Merrick, M.D., Boise
Leonard Nolt, Boise
David V. Nuerenberg, R.R.T., Caldwell
June Penner, R.N., MPH, Boise
Gerg Pilcher, C.R.T.T., Boise
Charles E. Reed, M.D., Caldwell
David K. Ricks, M.D., Boise
Ramona Schwarz, Boise
Joyce Shields, Eagle

Respiratory Therapy
George Burger, R.R.T., Boise
Shirley Gossi, R.T., Boise
Kitty Gurnsey, Boise
Daniels Hanson, M.D., Boise
Keith Hopper, R.R.T., Boise
James J. McCabe, M.D., Nampa
David K. Merrick, M.D., Boise
Leonard Nolt, Boise
David V. Nuerenberg, R.R.T., Caldwell
June Penner, R.N., MPH, Boise
Gerg Pilcher, C.R.T.T., Boise
Charles E. Reed, M.D., Caldwell
David K. Ricks, M.D., Boise
Ramona Schwarz, Boise
Joyce Shields, Eagle
## GENERAL INDEX

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absences</td>
<td>18</td>
</tr>
<tr>
<td>Academic Disqualification</td>
<td>19</td>
</tr>
<tr>
<td>Academic Probation</td>
<td>19</td>
</tr>
<tr>
<td>Academic Regulations</td>
<td>96</td>
</tr>
<tr>
<td>Accounting Courses</td>
<td>99</td>
</tr>
<tr>
<td>Accreditation</td>
<td>8</td>
</tr>
<tr>
<td>Activity Information Reports</td>
<td>18</td>
</tr>
<tr>
<td>ACT Tests</td>
<td>23</td>
</tr>
<tr>
<td>Additional Baccalaureate degree</td>
<td>23</td>
</tr>
<tr>
<td>Administrative Officers</td>
<td>12</td>
</tr>
<tr>
<td>Administrative Withdrawal</td>
<td>12</td>
</tr>
<tr>
<td>Admissions Requirements</td>
<td>8</td>
</tr>
<tr>
<td>By Equivalency Certificate</td>
<td>9</td>
</tr>
<tr>
<td>By Examination</td>
<td>10</td>
</tr>
<tr>
<td>Changing Courses</td>
<td>18</td>
</tr>
<tr>
<td>Credentials</td>
<td>8</td>
</tr>
<tr>
<td>On Probation</td>
<td>8</td>
</tr>
<tr>
<td>Foreign Students</td>
<td>10</td>
</tr>
<tr>
<td>Graduate</td>
<td>138</td>
</tr>
<tr>
<td>Regular Students</td>
<td>9</td>
</tr>
<tr>
<td>Special Students</td>
<td>10</td>
</tr>
<tr>
<td>To Upper Division</td>
<td>10</td>
</tr>
<tr>
<td>Vocational Technical</td>
<td>9</td>
</tr>
<tr>
<td>With Advanced Standing</td>
<td>10</td>
</tr>
<tr>
<td>Adult Basic Education</td>
<td>17</td>
</tr>
<tr>
<td>Advanced Placement</td>
<td>15</td>
</tr>
<tr>
<td>Airconditioning, Refrigeration and Heating</td>
<td>143</td>
</tr>
<tr>
<td>Allied Health Studies</td>
<td>124</td>
</tr>
<tr>
<td>Alumni Affairs Office</td>
<td>32</td>
</tr>
<tr>
<td>Anthropology Courses</td>
<td>80</td>
</tr>
<tr>
<td>Application for Housing</td>
<td>34</td>
</tr>
<tr>
<td>Apprenticeship and Trade Extension</td>
<td>152</td>
</tr>
<tr>
<td>Art Courses</td>
<td>40</td>
</tr>
<tr>
<td>Associate of Applied Science</td>
<td>26</td>
</tr>
<tr>
<td>Associate of Science</td>
<td>26</td>
</tr>
<tr>
<td>Audit/Credit Registration</td>
<td>18</td>
</tr>
<tr>
<td>Auditing Accounts</td>
<td>12</td>
</tr>
<tr>
<td>Auto Body</td>
<td>147</td>
</tr>
<tr>
<td>Auto Mechanics</td>
<td>148</td>
</tr>
<tr>
<td>Aviation Courses</td>
<td>96</td>
</tr>
<tr>
<td>Baccalaureate Minimum Requirements</td>
<td></td>
</tr>
<tr>
<td>BA—24, BS—24, BBA—24, BFA—25, BM—25</td>
<td></td>
</tr>
<tr>
<td>Baccalaureate Degree Programs</td>
<td>26</td>
</tr>
<tr>
<td>Biology Courses</td>
<td>43</td>
</tr>
<tr>
<td>Board and Room Schedule</td>
<td>12</td>
</tr>
<tr>
<td>Board of Trustees</td>
<td>4</td>
</tr>
<tr>
<td>Boise State University</td>
<td></td>
</tr>
<tr>
<td>Accreditation &amp; Affiliation</td>
<td>8</td>
</tr>
<tr>
<td>Mission and Objectives</td>
<td>8</td>
</tr>
<tr>
<td>Botany Courses</td>
<td>43</td>
</tr>
<tr>
<td>Business Education Courses</td>
<td>96</td>
</tr>
<tr>
<td>Business Machine Technology</td>
<td>145</td>
</tr>
<tr>
<td>Calendar</td>
<td>3</td>
</tr>
<tr>
<td>Campus map</td>
<td>2</td>
</tr>
<tr>
<td>Career Services</td>
<td>32</td>
</tr>
<tr>
<td>Campus Store</td>
<td>32</td>
</tr>
<tr>
<td>Center for Guidance, Counseling and Testing</td>
<td>32</td>
</tr>
<tr>
<td>Certificate of Admission</td>
<td>9</td>
</tr>
<tr>
<td>Certificate of Completion</td>
<td>27</td>
</tr>
<tr>
<td>Challenging Courses</td>
<td>14</td>
</tr>
<tr>
<td>Chemistry Courses</td>
<td>45</td>
</tr>
<tr>
<td>Child Care Studies</td>
<td>149</td>
</tr>
<tr>
<td>Classification of Students</td>
<td>19</td>
</tr>
<tr>
<td>CLEP</td>
<td>14</td>
</tr>
<tr>
<td>Combined Major (Communication/English)</td>
<td>47</td>
</tr>
<tr>
<td>Communication Courses</td>
<td>47</td>
</tr>
<tr>
<td>Construction Management Courses</td>
<td>71</td>
</tr>
<tr>
<td>Consumer Electronics Courses</td>
<td>145</td>
</tr>
<tr>
<td>Continuing Education</td>
<td>17</td>
</tr>
<tr>
<td>Core Requirements</td>
<td>23</td>
</tr>
<tr>
<td>Course Designations</td>
<td>27</td>
</tr>
<tr>
<td>Course Numbering</td>
<td>23</td>
</tr>
<tr>
<td>Course Prerequisite Waiver</td>
<td>20</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>18</td>
</tr>
<tr>
<td>Credit for Prerequisites Not Taken</td>
<td>20</td>
</tr>
<tr>
<td>Criminal Justice Administration Courses</td>
<td>80</td>
</tr>
<tr>
<td>Data Processing Courses</td>
<td>97</td>
</tr>
<tr>
<td>Dean's List</td>
<td>21</td>
</tr>
<tr>
<td>Dental Assisting</td>
<td>142</td>
</tr>
<tr>
<td>Diploma</td>
<td>26</td>
</tr>
<tr>
<td>Double Major</td>
<td>23</td>
</tr>
<tr>
<td>Drafting Technology</td>
<td>146</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>108</td>
</tr>
<tr>
<td>Economics Courses</td>
<td>97</td>
</tr>
<tr>
<td>Educational Opportunities</td>
<td>14</td>
</tr>
<tr>
<td>Education (Teacher Education) Courses</td>
<td>115</td>
</tr>
<tr>
<td>Electrical Lineman</td>
<td>144</td>
</tr>
<tr>
<td>Electronics Technology</td>
<td>147</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>105</td>
</tr>
<tr>
<td>Emeriti Faculty</td>
<td>153</td>
</tr>
<tr>
<td>Engineering Courses</td>
<td>71</td>
</tr>
<tr>
<td>English Courses</td>
<td>49</td>
</tr>
<tr>
<td>Enrollment Verification</td>
<td>9</td>
</tr>
<tr>
<td>Entrance Requirements (see Admission Requirements)</td>
<td>8</td>
</tr>
<tr>
<td>Environmental Health Courses</td>
<td>129</td>
</tr>
<tr>
<td>Evening Special Programs</td>
<td>17</td>
</tr>
<tr>
<td>Faculty</td>
<td>153</td>
</tr>
<tr>
<td>Fashion Merchandising</td>
<td>151</td>
</tr>
<tr>
<td>Fees</td>
<td>11</td>
</tr>
<tr>
<td>Finance Courses</td>
<td>97</td>
</tr>
<tr>
<td>Financial Assistance</td>
<td>33</td>
</tr>
<tr>
<td>Food Service Technology</td>
<td>150</td>
</tr>
<tr>
<td>Foreign Language Courses</td>
<td>52</td>
</tr>
<tr>
<td>Forestry Courses</td>
<td>44</td>
</tr>
<tr>
<td>French Courses</td>
<td>52</td>
</tr>
<tr>
<td>Full-time Student</td>
<td>9, 11</td>
</tr>
<tr>
<td>General Business Courses</td>
<td>98</td>
</tr>
<tr>
<td>General Information—Part I</td>
<td>7</td>
</tr>
<tr>
<td>General Science Courses</td>
<td>67</td>
</tr>
<tr>
<td>Geography Courses</td>
<td>57</td>
</tr>
<tr>
<td>Geology Courses</td>
<td>55</td>
</tr>
<tr>
<td>Geophysics Courses</td>
<td>57</td>
</tr>
<tr>
<td>German Courses</td>
<td>52</td>
</tr>
<tr>
<td>Grading System</td>
<td>18</td>
</tr>
<tr>
<td>Graduate School</td>
<td>137</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>23</td>
</tr>
<tr>
<td>Associate of Applied Science</td>
<td>26</td>
</tr>
<tr>
<td>Associate of Science</td>
<td>26</td>
</tr>
<tr>
<td>Baccalaureate Degrees</td>
<td>26</td>
</tr>
<tr>
<td>Additional Degrees</td>
<td>26</td>
</tr>
<tr>
<td>Bachelor of Arts</td>
<td>24</td>
</tr>
<tr>
<td>Bachelor of Business Administration</td>
<td>24</td>
</tr>
<tr>
<td>Bachelor of Fine Arts</td>
<td>25</td>
</tr>
<tr>
<td>Bachelor of Music</td>
<td>25</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>24</td>
</tr>
<tr>
<td>Double Majors</td>
<td>23</td>
</tr>
<tr>
<td>Extension Courses</td>
<td>23</td>
</tr>
<tr>
<td>Hours of Residence</td>
<td>23</td>
</tr>
<tr>
<td>Certificate of Completion</td>
<td>27</td>
</tr>
<tr>
<td>Diploma</td>
<td>26</td>
</tr>
<tr>
<td>Health Occupations</td>
<td>142</td>
</tr>
<tr>
<td>Health Sciences Courses</td>
<td>129</td>
</tr>
<tr>
<td>Health Services</td>
<td>32</td>
</tr>
<tr>
<td>Heavy Duty Mechanics</td>
<td>148</td>
</tr>
<tr>
<td>Heavy Technologies</td>
<td>143</td>
</tr>
</tbody>
</table>
Index

High School Students .......................................................... 10
Admission Policy .............................................................. 10
History Courses .................................................................. 58
Home Economics Courses .................................................. 60
Honors Program .................................................................... 15
Horticulture Service Technician .......................................... 151
Housing ................................................................................ 34
Humanities Courses .............................................................. 51
Incomplete ........................................................................... 18
Independent Study .............................................................. 15
Industrial Plant Maintenance (Mechanical) ......................... 143
Institutional Mission and Objectives .................................... 8
Insurance Coverage ............................................................. 12
Interdisciplinary Courses ................................................... 28
Internship .............................................................................. 16
Library .................................................................................. 13
Library Courses .................................................................... 116
Library Science Courses ..................................................... 116
Light Technologies ............................................................... 145
Linguistics Courses ............................................................. 51
Loans .................................................................................... 33
Management Courses ......................................................... 98
Marketing Courses .............................................................. 98
Marketing, Mid-Management Courses ................................ 99
Married Student Housing ................................................... 36
Medicine Courses ................................................................. 64
Medical Record Science Courses ......................................... 126
Medical Science Courses .................................................... 64
Mechanical Technologies .................................................... 147
Mechanical Engineering ....................................................... 147
Mechanical Technologies .................................................... 147
Medical Record Science Courses ......................................... 126
Military Science Courses .................................................... 64
Music Courses ..................................................................... 66
Music Fees ........................................................................... 11
Non-declared Major ............................................................ 21
Office-Administration Courses .......................................... 99
Outreach Services and Programs ........................................ 16
Parking .................................................................................. 12
Parts Counterman ............................................................... 148
Petitions .............................................................................. 20
Philosophy Courses ........................................................... 77
Physical Education Courses ............................................... 113
Physical Science Courses ................................................... 71
Physiology Courses ............................................................ 113
Politics Courses .................................................................. 71
Political Science Courses .................................................... 76
Practice Nurse Program ..................................................... 143
Pre-Dental Hygiene ............................................................. 135
Pre-Law ............................................................................... 26
Pre-Professional Studies (Health) ........................................ 134
Pre-Technical Sequence ..................................................... 146
Pre-Vocational Training ...................................................... 152
Probation and Disqualification .......................................... 19
Psychology Courses ............................................................ 115
Radiologic Technology Courses ......................................... 127
Real Estate Courses ............................................................ 99
Refund Policy ..................................................................... 12
Registration, Credit & Audit ............................................... 18
Regulations ......................................................................... 18
Religious Interest Courses .................................................. 29
Residence Definition ......................................................... 11
Respiratory Therapy Courses ............................................. 128
Room and Board Costs ....................................................... 12
ROTC .................................................................................... 63
Russian ................................................................................. 53
Schedule of Fees and Charges ............................................. 11
Schools of Boise State University ........................................ 37
Arts and Sciences ............................................................... 85
Business .............................................................................. 85

Education ............................................................................ 103
Graduate .............................................................................. 137
Health Sciences .................................................................. 123
Vocational Technical Education ......................................... 141
Secondary Education .......................................................... 107
Secondary Student Teaching .............................................. 107
Secretarial Courses (See Office Administration) ................. 99
Service Occupations ........................................................... 149
Serviceman's Opportunity College ..................................... 21
Small Engine Repair ........................................................... 148
Social Work Courses .......................................................... 78
Sociology Courses ............................................................. 81
Spanish Courses .................................................................. 53
Special Education .............................................................. 109
Special Services ................................................................... 16
Student Employment .......................................................... 33
Student Housing ................................................................. 34
Student Petitions ................................................................. 20

Student Records .................................................................. 10
Student Teaching .................................................................. 107
Students Undecided on Major ........................................... 21
Student Union ..................................................................... 32
Summer Sessions ............................................................... 17
Teacher Certification ........................................................... 106
Teacher Education ............................................................. 104
Teacher Education Courses ............................................... 115
Theatre Arts Courses .......................................................... 83
Transfer Student Admission ............................................... 10
Transfer of Vocational-Technical/Academic credits .............. 21
Tuition ............................................................................... 11
Veterans Benefits—Eligibility ............................................. 20-21
Welding ............................................................................. 144
WICHE Student Exchange .................................................. 16
Graduate Fellows ................................................................. 16
Withdrawals ....................................................................... 20
Zoology Courses ................................................................. 44
## DEGREE PROGRAMS INDEX

### Non-Baccalaureate Degree Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Conditioning, Refrigeration, and Heating</td>
<td>143</td>
</tr>
<tr>
<td>Architecture</td>
<td>39</td>
</tr>
<tr>
<td>Auto Body</td>
<td>147</td>
</tr>
<tr>
<td>Auto Mechanics</td>
<td>148</td>
</tr>
<tr>
<td>Child Care Studies</td>
<td>149</td>
</tr>
<tr>
<td>Dental Assisting</td>
<td>142</td>
</tr>
<tr>
<td>Drafting Technology</td>
<td>146</td>
</tr>
<tr>
<td>Electrical Lineman</td>
<td>144</td>
</tr>
<tr>
<td>Electronic-Mechanical Service Technician</td>
<td>145</td>
</tr>
<tr>
<td>Electronics Technology</td>
<td>146</td>
</tr>
<tr>
<td>Engineering</td>
<td>69</td>
</tr>
<tr>
<td>Fashion Merchandising</td>
<td>95, 151</td>
</tr>
<tr>
<td>Forestry</td>
<td>43</td>
</tr>
<tr>
<td>Food Service</td>
<td>150</td>
</tr>
<tr>
<td>Heavy Duty Mechanics</td>
<td>148</td>
</tr>
<tr>
<td>Home Economics</td>
<td>60</td>
</tr>
<tr>
<td>Horticulture</td>
<td>151</td>
</tr>
<tr>
<td>Industrial Plant Maintenance (Mechanical)</td>
<td>143</td>
</tr>
<tr>
<td>Machine Shop</td>
<td>143</td>
</tr>
<tr>
<td>Marketing Mid-Management</td>
<td>95, 152</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td>125</td>
</tr>
<tr>
<td>Medical Record Science</td>
<td>126</td>
</tr>
<tr>
<td>Office Occupations</td>
<td>152</td>
</tr>
<tr>
<td>Operating Room Technology</td>
<td>142</td>
</tr>
<tr>
<td>Parts Counterman</td>
<td>148</td>
</tr>
<tr>
<td>Practical Nursing</td>
<td>143</td>
</tr>
<tr>
<td>Pre-Dental Hygiene</td>
<td>135</td>
</tr>
<tr>
<td>Radiologic Technology</td>
<td>127</td>
</tr>
<tr>
<td>Registered Nursing</td>
<td>129</td>
</tr>
<tr>
<td>Respiratory Therapy</td>
<td>127</td>
</tr>
<tr>
<td>Secretarial Program</td>
<td>95</td>
</tr>
<tr>
<td>Small Engine Repair</td>
<td>148</td>
</tr>
<tr>
<td>Welding</td>
<td>144</td>
</tr>
<tr>
<td>Word Processing</td>
<td>95</td>
</tr>
</tbody>
</table>

### Baccalaureate Degree Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>86</td>
</tr>
<tr>
<td>Acute Care Nursing</td>
<td>133</td>
</tr>
<tr>
<td>Advertising Design</td>
<td>38</td>
</tr>
<tr>
<td>Art</td>
<td>38</td>
</tr>
<tr>
<td>Biology</td>
<td>42</td>
</tr>
<tr>
<td>Business Education</td>
<td>87-88</td>
</tr>
<tr>
<td>Chemistry</td>
<td>44</td>
</tr>
<tr>
<td>Communication</td>
<td>46</td>
</tr>
<tr>
<td>Construction Management</td>
<td>70</td>
</tr>
<tr>
<td>Criminal-Justice Administration</td>
<td>79</td>
</tr>
<tr>
<td>Earth Science Education</td>
<td>54</td>
</tr>
<tr>
<td>Economics</td>
<td>88</td>
</tr>
<tr>
<td>Elementary Education</td>
<td>105</td>
</tr>
<tr>
<td>English</td>
<td>48</td>
</tr>
<tr>
<td>Environmental Health</td>
<td>129</td>
</tr>
<tr>
<td>Family Nurse Practitioner</td>
<td>133</td>
</tr>
<tr>
<td>Finance</td>
<td>90</td>
</tr>
<tr>
<td>General Business</td>
<td>90</td>
</tr>
<tr>
<td>Geology</td>
<td>54</td>
</tr>
<tr>
<td>Geophysics</td>
<td>55</td>
</tr>
<tr>
<td>German</td>
<td>51</td>
</tr>
<tr>
<td>Health Science Studies</td>
<td>124</td>
</tr>
<tr>
<td>History</td>
<td>57</td>
</tr>
<tr>
<td>Industrial Business</td>
<td>91</td>
</tr>
<tr>
<td>Information Sciences</td>
<td>87</td>
</tr>
<tr>
<td>Leadership in Nursing</td>
<td>133</td>
</tr>
<tr>
<td>Management</td>
<td>92</td>
</tr>
<tr>
<td>Marketing</td>
<td>94</td>
</tr>
<tr>
<td>Mathematics</td>
<td>64</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td>131</td>
</tr>
<tr>
<td>Nursing</td>
<td>94</td>
</tr>
<tr>
<td>Office Administration</td>
<td>94</td>
</tr>
<tr>
<td>Physical Education</td>
<td>110</td>
</tr>
<tr>
<td>Physics</td>
<td>69</td>
</tr>
<tr>
<td>Political Science</td>
<td>73</td>
</tr>
<tr>
<td>Preprofessional (Health)</td>
<td>134</td>
</tr>
<tr>
<td>Studies</td>
<td>112</td>
</tr>
<tr>
<td>Psychology</td>
<td>93</td>
</tr>
<tr>
<td>Real Estate</td>
<td>79</td>
</tr>
<tr>
<td>Social Science</td>
<td>78</td>
</tr>
<tr>
<td>Social Work</td>
<td>79</td>
</tr>
<tr>
<td>Sociology</td>
<td>52</td>
</tr>
<tr>
<td>Spanish</td>
<td>81</td>
</tr>
<tr>
<td>Theatre Arts</td>
<td>81</td>
</tr>
</tbody>
</table>

### Master's Degree Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master's of Arts in Elementary Education</td>
<td>119</td>
</tr>
<tr>
<td>Master's of Arts/Science in Secondary Education</td>
<td>121</td>
</tr>
<tr>
<td>Art</td>
<td>39</td>
</tr>
<tr>
<td>Business Education</td>
<td>101</td>
</tr>
<tr>
<td>Chemistry</td>
<td>45</td>
</tr>
<tr>
<td>Earth Science</td>
<td>55</td>
</tr>
<tr>
<td>English</td>
<td>49</td>
</tr>
<tr>
<td>History</td>
<td>58</td>
</tr>
<tr>
<td>Mathematics</td>
<td>62</td>
</tr>
<tr>
<td>Music</td>
<td>66</td>
</tr>
<tr>
<td>Master's of Business Administration</td>
<td>100</td>
</tr>
<tr>
<td>Master's of Public Administration</td>
<td>74</td>
</tr>
</tbody>
</table>
The following changes to the Boise State University Bulletin 1978-79 Catalog Issue are effective immediately. Note that as a general rule changes to faculty are not included in the addendum. Reference is made to the current Directory and Class Schedule - Registration Information for detailed information. Changes in administrative officers are shown in the introductory section only.

Page 4
Replace University Administration individuals as follows:

John H. Keiser, Ph. D. 
Richard E. Bullington, Ed. D. 
Richard L. Hart, Ed. D. 
President of the University 
Executive Vice President 
Dean, School of Education

Page 6
Change dates for Spring Vacation to March 26 - April 1, Monday through Sunday.

Page 11
Change Institutional Fees to $187.00, total tuition and fees for Idaho Residents, $187.00, for non-residents, $787.00.

Page 45
Change semester offered for C 107 to read Fall and Spring semesters. Add semesters offered to C 108 to read Fall and spring semesters.

Page 55
In the course description for GO 100 Fundamentals of Geology, change the next to last sentence to read: Three lectures and one two hour lab per week.

Page 56
In the course description for GO 101 Physical Geology (which starts on page 55), change the last line to read: Three lectures and one two-hour laboratory per week. Field trips required. Each semester.

Page 61
Add the following courses to the HE Home Economics

225 Parenthood and Child Development (3 credits). This course will provide a study of the basic factors in child growth and development within the family unit with emphasis upon the physical, mental, social, emotional, and moral aspects. Contributions of heredity and environment in the development of human beings will also be emphasized. Prerequisite: P 101. Fall, spring semesters.

321 Foods and Other Cultures (3 credits). Regional, ethnic, and religious influences on food patterns. Laboratory experience with food from several countries. To help students acquire a background knowledge of several countries thus enabling them to develop skills necessary to interpret regional, ethnic, and religious influences on food patterns as well as actions. Prerequisite: HE 208 or department consent. Spring semester.
(Page 61, continued)

335 Marriage and Family (3 credits). Dating, mate selection, purpose and success in marriage, dynamics of marital adjustment, economics in the family, reproduction, and parenthood. Prerequisite: SO 101. Fall, spring semesters.

Page 62

Replace M 103-104 Mathematics for Elementary Teachers with the following:

103-104 Elementary Mathematics for Teachers (4 credits). Fundamental concepts of mathematics including the study of the development of the number systems from the whole numbers through the reals, place value, arithmetic operations, arithmetic algorithms, real number postulates, fundamental algebraic and geometric principles, measurement, graphing, and introductory probability. Three lectures and one two-hour laboratory per week. The laboratory includes the use of manipulative materials appropriate to the content of the lecture-discussion. Prerequisite: One year of high school algebra and plane geometry or permission of the instructor. Placement will also be determined by ACT scores or a grade of "satisfactory" in M 012 or M 020. Each semester.

Page 63

Add G designator to the following upper division M Mathematics courses: 406G, 431G-432G, 456G.

Page 82

Add to the list of Major Subject Requirements, Theatre, the following:

Major Production Participation (2 hours lower, 2 hours upper division) ............4. The total should be changed from 35 to 39.

Page 83

Add the following TA Theatre Arts course in numerical sequence:

231 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.

Page 89

Change the Economics Major, Bachelor of Business Administration Degree Sophomore, Junior, and Senior Years to read as follows:

FRESHMAN YEAR: (no change)

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th></th>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3-4</td>
<td>-</td>
</tr>
<tr>
<td>Intro to Financial Accounting</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Intro to Managerial Accounting</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Business Statistics I &amp; II</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Communication</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>-</td>
<td>3</td>
</tr>
</tbody>
</table>

15-16 15
(Page 89, continued)

**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Macroeconomics</td>
<td>-3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>-3</td>
</tr>
<tr>
<td>Principles of Finance</td>
<td>-3</td>
</tr>
<tr>
<td>Basic Marketing Management</td>
<td>-3</td>
</tr>
<tr>
<td><strong>Non-Business Electives (Area I, II, III)</strong></td>
<td>6</td>
</tr>
<tr>
<td>Economics Electives</td>
<td>-6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>18</td>
</tr>
</tbody>
</table>

**SENIOR YEAR:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>Economics Electives</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>Business Policies</td>
<td>-3</td>
</tr>
<tr>
<td><strong>Non-Business Electives (Area I, II, III)</strong></td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

See page 22 for clarification of fields in B. A. degree.

**Electives should be chosen mainly from upper division courses.**

***Must include hours in at least two of the three definitive areas as listed on page 22 of the catalog.***

Page 90

**General Business Major, No Option, change under Junior Year from Cost Accounting to Cost and Managerial Accounting.**

**Finance Major, Sophomore Year, after Introduction to Managerial Accounting, add double asterisk - **. At the end of the Finance Major add the following footnote - **Students desiring to take Cost Accounting should take Cost Accounting in place of Introduction to Managerial Accounting leaving Intermediate Accounting or Managerial Accounting as finance electives.**

Page 91

**Industrial Business Major, Production Option change under Sophomore Year from Introduction to Managerial Accounting to Fundamentals of Speech Communication. Change under Junior Year from Fundamentals of Speech Communication to Cost Accounting. Change under Senior Year from Cost Accounting to Managerial Accounting.**

Page 92

**Industrial Business Major, Sales Option, under Junior change from Salesmanship to Intermediate Marketing Management. Under Senior Year change from Cost Accounting to Principles of Income Taxation.**

**Management Major, Quantitative Option, under Sophomore Year, delete Introduction to Managerial Accounting and change General Electives (Area I, II, III) from 3 to 6 (second semester).**

**Management Major, Quantitative Option, under Junior Year change Cost Accounting from the second to the first semester, delete 3 credits first semester of General Electives (Area I, II, III) and add Managerial Accounting......3 cr second semester.**
Page 93
Management Major, Industrial Relations Option, under Sophomore year, change Fundamentals of Accounting to read "Intro to Financial and Managerial Accounting." Under Junior year, delete Cost Accounting and 3 credits; change General Electives (Area I, II, III) from 7 to 4; add Electives..... 6 credits under 2nd semester.

Page 100
Under Graduate Programs in Business, delete "MBA in Business" but leave Master of Business Administration as is.

Under Matriculation Requirements heading, delete the first "for Applicants."

Under first paragraph below (d) 9, Business Statistics, change BMA to read MBA.

Under the heading "The MBA Degree", delete "The Graduate Degree Programs."

Page 101
Right column, top of page, after total paragraph describing Undergraduate "G" courses, add the following:

THE MASTER OF SCIENCE--ACCOUNTING

The Master of Science--Accounting degree consists of a minimum of 33 hours of credit from offerings within the program described below. The program is designed for those persons who have a bachelor's degree in accounting, and who desire to increase their competencies in the accounting field. In addition, this course of study will assist students in their preparation for taking the CPA, CMA, or other certification tests, and for those who have already attained certification status, it will provide an excellent vehicle for maintaining and improving current proficiencies.

In general, matriculation procedures are the same for MS and MBA candidates.

Specific matriculation requirements for the MS are:

a. Possession of a bachelor's degree in accounting from an accredited institution.

b. Demonstration of academic competency by virtue of GMAT and GPA formulae described under the MBA program requirements.

c. Prerequisite deficiencies as determined by the Department of Accounting/Data Processing and the School of Business.

d. All applicants must be accepted by the Graduate School of Boise State University in order to attain the MS degree.
The MS Degree

The 33 credit hour requirement consists of a minimum of 15 hours in accounting courses; 15 hours in current MBA courses; and 3 hours of an elective chosen by mutual agreement between the applicant and the School of Business. Areas available for this elective are: A professional paper; GB-579, Business Policy Formulation if none has been previously taken; or the applicant's choice of an MS or an MBA course. An accounting advisor is assigned in order to assist in the choices available to the candidate.

A maximum of 9 credits, if appropriate and acceptable to the School of Business, may be transferred from other graduate schools. Students may apply a maximum of six credits from undergraduate "G" level courses from the School of Business to their MS program. Directed Research or Internship credits will be limited to three credit hours.

Master of Science Courses

Choice of GB-512 or GB-514 (3)
DP-542, Computer Applications for Managers (3)
AC-440-G, Accounting Theory (3)
FI-530, Financial Management (3)
Choice of MG-540 or MK-519 (3)
EC , Graduate Economics Elective (3)
AC-510, Advanced Managerial Accounting (3)
AC-520, Research in Federal Taxation (3)
AC-540, Perspectives in Auditing (3)
AC-569, Contemporary Issues in Accounting (3)

Graduate Elective or Professional Paper (3). If a professional paper is selected, it must be an approved topic coordinated and supervised by a committee assigned by the Department of Accounting/Data Processing.

Applicants desiring to enter this program should contact the Master of Science Advisor (385-3461) or the Graduate Program Coordinator (385-1125) in order to commence the application process and plan an orderly progression toward the degree.
Page 111

Under Elementary Physical Education Minor, replace the entire listing with:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 105, First Aid</td>
<td>2</td>
</tr>
<tr>
<td>PE 115, Gymnastics</td>
<td>1</td>
</tr>
<tr>
<td>PE 117, Field Sports</td>
<td>1</td>
</tr>
<tr>
<td>PE 143, Basketball &amp; Volleyball</td>
<td>1</td>
</tr>
<tr>
<td>PE 212, Track and Field</td>
<td>1</td>
</tr>
<tr>
<td>PE 230, Anatomical Kinesiology</td>
<td>1</td>
</tr>
<tr>
<td>PE 310, Physiological Kinesiology</td>
<td>2</td>
</tr>
<tr>
<td>PE 357, Dance for Children</td>
<td>2</td>
</tr>
<tr>
<td>PE 359, Perceptual Motor Programs for Kindergarten and Special Education Teachers</td>
<td>2</td>
</tr>
<tr>
<td>PE 361, Elementary School Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>Methods</td>
<td></td>
</tr>
<tr>
<td>PE 451, Adaptive and Corrective Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 493, Internship</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>22</td>
</tr>
</tbody>
</table>

Page 112

Delete the Physical Education for the Exceptional Child Option.

Under Requirements for Psychology Major, change "**excluding..." to read "**including...".

Page 113

Following the Junior Year listing, add the Senior Year listing as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SEM</td>
<td>SEM</td>
</tr>
<tr>
<td>*Psychological Measurement, P-421</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>*Learning, P-441</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>*Psychological Systems, P-461</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Abnormal Psychology, P-301</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Personality, P-351</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Social Psychology, P-431</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

*Specifically required

Page 114

Replace in first column 217 Wrestling and Rhythmic... with:

217 Wrestling (Coed) (1 credit). Professional activities. Instruction and practice in wrestling. (Required in some options.) Either semester.

218 Rhythmic Gymnastics (Coed), (1 credit). Professional activities. Instruction and practice in rhythmic gymnastics. (Required in some options.) Either semester.

Page 115

Delete course 425 from first column. Replace course 461 in the second column with:

489 Systems Seminar (3 credits). Theories and controversies in American Psychology. After a four-week historical orientation by the professor, the emphasis shifts to the present and more recent past, and the format
(Page 115, continued)
shifts from lecture to seminar. Prerequisite: Senior standing in Psychology. Spring semester.

Page 116
Change title of course 422 to read:

Curriculum Programs for the Moderately/Severely Handicapped

Page 118
Change Term offered for P-504 to Fall, and for P-505 to Spring.

Page 125
Replace course 242 with the following:

242 Radiographic Positioning (4 credits). The sequential course to RD 222. Course material directed to radiographic examination of contrast studies of the GI and GU systems, shoulder girdle, bony thorax, vertebral column, pelvis and hip. Spring semester.

Replace course 316 with the following:

316 Radiographic Positioning (4 credits). Concepts and positioning used for advanced positioning to include: cranium, sinuses, facial bones and temporal bone. Prerequisites: RD 222 and RD 242. Fall semester.

Replace courses 350 and 360 with the following:

350 Medical and Surgical Diseases (3 credits). This course is a general survey of various diseases and pathology of the human body as they pertain to radiology. Emphasis is placed on how this pathology is demonstrated on radiographs as well as its effect on radiographic quality. Fall semester.

360 Special Radiographic Procedures (4 credits). This course provides the basic fundamental concepts of the more specialized radiographic procedures. Emphasis will be placed on neurological and vascular studies. Fall semester.

Page 127
Second column, change term of offering for course 300 to Fall semester. Change term of offering for course 405 to Fall semester. In description of course 493, change "...a record of his experiences..." to "...a record of his or her experiences...." Change class standing prerequisite to Upper division standing; change GPA requirement to above 3.25.

Page 132
Under Preprofessional Internship, add the following to the end of the paragraph:

Prerequisites: Upper division standing; cumulative GPA above 3.25; recommendation of faculty advisor; consent of the dean. See course H-493 described in the Community and Environmental Health section.
Page 147

First column, under Day Care Assistant, change credits of CC-141 to 3.

Second column, replace course 141 with the following:

141 Health and Care of the Young Child (3 credits). Safety practices in child care centers, basic nutrition, and general health education necessary for working with children will be stressed as will the care and feeding of sick children as applied to child care centers with special emphasis on identifying symptoms, treatment and prevention of childhood diseases. The teacher's health and well-being as it affects children with whom she is working will be covered. Required in the course of study will be the Red Cross multi-media first-aid emergency training in compliance with state licensing regulations. A Tuberculin test is also required.
SUMMER SESSION PROGRAM

A full complement of programs, courses, and services is offered in the summer. Graduate, undergraduate, and noncredit programs and courses are offered in the several time block sessions on campus. The ten-week session offers sequence courses within the sciences. The eight-week session is primarily for graduate courses. The five-week session is the normal or standard session for undergraduate offerings. For more information about summer programs, contact the Office of Continuing Education and Summer Session, Boise State University.
MEMORANDUM

TO: S. Holz, Registrar
    J. Bugge, Ass't. Registrar
    S. Cook, Graduation Clerk
    K. Tipton, Evaluator

FROM: Charlotte Gale, Director, Baccalaureate Program in Nursing

DATE: August 17, 1977

SUBJECT: Courses in revised Baccalaureate Nursing Program

Since the BSU Bulletin had to be printed before the final approvals were obtained for the revised nursing curriculum, the total curriculum does not appear in the Bulletin. This memorandum contains the revised curriculum which is in effect for students who entered the program the fall of 1976 and will be graduating from December 1977 on.

A total of 32 credits in upper-division nursing is required, 16 of these credits in core courses taken by all students and 16 in an elective option (Acute Care Nursing, Family Nurse Practice, or Leadership). There are also 15 credits of required support courses for all students, while those in Acute Care and FNP options, have one additional required support course in the option.

Core Curriculum in Nursing
(To be taken by all students)

<table>
<thead>
<tr>
<th>Credits</th>
<th>Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>N306</td>
<td>Professional Interactions</td>
</tr>
<tr>
<td>1</td>
<td>N307</td>
<td>Practicum: Professional Interactions</td>
</tr>
<tr>
<td>2</td>
<td>N310</td>
<td>Community Health Nursing</td>
</tr>
<tr>
<td>2</td>
<td>N313</td>
<td>Practicum: Community Health Nursing</td>
</tr>
<tr>
<td>1</td>
<td>N316</td>
<td>Health Assessment</td>
</tr>
<tr>
<td>2</td>
<td>N317</td>
<td>Practicum: Health Assessment</td>
</tr>
<tr>
<td>1</td>
<td>N324</td>
<td>Critical Care Nursing</td>
</tr>
<tr>
<td>2</td>
<td>N325</td>
<td>Practicum: Critical Care Nursing</td>
</tr>
<tr>
<td>3</td>
<td>N490</td>
<td>Overview of Nursing Research</td>
</tr>
</tbody>
</table>

TOTAL 16
### Required Support Courses
(To be taken by all students)

<table>
<thead>
<tr>
<th>Credits</th>
<th>Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>H210</td>
<td>Principles of Pharmacology</td>
</tr>
<tr>
<td>4</td>
<td>H300</td>
<td>Pathophysiology</td>
</tr>
<tr>
<td>3</td>
<td>H302</td>
<td>Health Care Delivery Systems</td>
</tr>
<tr>
<td>3</td>
<td>MG301</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>2</td>
<td>H305</td>
<td>Role Sensitization</td>
</tr>
</tbody>
</table>

**TOTAL** 15

### Required Courses in Nursing Options

#### Acute Care Nursing Option:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>N422</td>
<td>Nursing in Intensive Care Situations</td>
</tr>
<tr>
<td>2</td>
<td>N423</td>
<td>Practicum: Nursing in Intensive Care</td>
</tr>
<tr>
<td>2</td>
<td>N424</td>
<td>Cardiovascular Nursing</td>
</tr>
<tr>
<td>2</td>
<td>N425</td>
<td>Practicum: Cardiovascular Nursing</td>
</tr>
<tr>
<td>2</td>
<td>N426</td>
<td>Nursing in Emergency/Trauma Situations</td>
</tr>
<tr>
<td>2</td>
<td>N427</td>
<td>Practicum: Nursing in Emergency/Trauma Sit.</td>
</tr>
<tr>
<td>2</td>
<td>N428</td>
<td>Nursing in High Risk Perinatal Situations</td>
</tr>
<tr>
<td>2</td>
<td>N429</td>
<td>Practicum: High Risk Perinatal Nursing</td>
</tr>
</tbody>
</table>

**TOTAL** 16

#### Family Nurse Practice Option:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>N462</td>
<td>Women's &amp; Children's Health Care</td>
</tr>
<tr>
<td>2</td>
<td>N463</td>
<td>Practicum: Women's &amp; Children's Hlth. Care</td>
</tr>
<tr>
<td>2</td>
<td>N464</td>
<td>Family Nurse Practice in Emergency/Trauma Situations</td>
</tr>
<tr>
<td>2</td>
<td>N465</td>
<td>Practicum: FNP in Emergency/Trauma Situations</td>
</tr>
<tr>
<td>2</td>
<td>N466</td>
<td>Adult Health Care</td>
</tr>
<tr>
<td>2</td>
<td>N467</td>
<td>Practicum: Adult Health Care</td>
</tr>
<tr>
<td>4</td>
<td>N469</td>
<td>Practicum: Family Nurse Practice</td>
</tr>
</tbody>
</table>

**TOTAL** 19

#### Leadership Option:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>N440</td>
<td>Leadership in Clinical Nursing I</td>
</tr>
<tr>
<td>2</td>
<td>N441</td>
<td>Practicum: Leadership in Cl. Nursing I</td>
</tr>
<tr>
<td>1</td>
<td>N442</td>
<td>Leadership in Clinical Nursing II</td>
</tr>
<tr>
<td>2</td>
<td>N443</td>
<td>Practicum: Leadership in Cl. Nursing II</td>
</tr>
<tr>
<td>1</td>
<td>N444</td>
<td>Leadership in Clinical Nursing III</td>
</tr>
<tr>
<td>2</td>
<td>N445</td>
<td>Practicum: Leadership in Cl. Nursing III</td>
</tr>
<tr>
<td>3</td>
<td>N446</td>
<td>Nursing and the Political System</td>
</tr>
<tr>
<td>4</td>
<td>N447</td>
<td>Practicum: Leadership in Nursing Practice</td>
</tr>
</tbody>
</table>

**TOTAL** 19

**H405** Medical Economics and Finance
DEPARTMENT OF MANAGEMENT AND FINANCE
Checklist of Graduation Requirements for BBA Degree

General Business Major-No option

E-101, English Composition* (3)
E-102, English Composition (3)
Determined by students score and ACT exam

AREA I REQUIREMENTS (6 credits to be chosen from):
Humanities, Theatre Arts, Art, Music, Philosophy, Literature

AREA II REQUIREMENTS (12 credits)
EC-201, Principles of Econ-Macro (3) P-101, General Psy. (3)
EC-202, Principles of Econ-Micro (3) CM-111, Funé. of Speech (3)
Comm.

AREA III REQUIREMENTS
M-105 or M-111
M-106 or M-112
And one 3-4 credit elective from Area III suggested courses are: (3-4)

Biology B-100, B-200
Chemistry C-100
Geology GE-100
Astronomy PH-105

An additional 16 hours of electives (that is - courses not used above as an Area I, II or III requirement) are required in disciplines other than those administered in the School of Business. These additional credits must include hours from at least two of the three areas listed above:

SCHOOL OF BUSINESS AND SPECIAL REQUIREMENTS OF MAJOR AREA
AC-205, Intro to Financial Acct. (3) MK-301, Prin. of Marketing (3)
DP-210, Intro to Data Proc. (3) MG-301, Prin. of Management (3)
GB-202, Business Law I. (3) GB-450, Business Policies (3)
EC-303, Intermediate Micro Econ. (3) EC-305, Intermediate Macro Econ (3)

AC-351, Cost Accounting (3) GB-441, Govt. & Bus. (3)
AC-352, Managerial Acct. (3) MG-408, Operations Mgt. (3)
GB-360, Bus. Ethics. & Soc. Resp. (3) MG-405, Organization Dynamics (3)
FI-325, Financial Mgt. I (3) MK-405, Inter. Marketing (3)
FI-326, Financial Mgt. II (3) OA-238, Applied Business Com. (3)

MUST HAVE A MINIMUM OF 128 TOTAL HOURS TO GRADUATE. MUST HAVE A MINIMUM OF 40 UPPER DIVISION (300-400 level) COURSES TO GRADUATE.
October 30, 1978

TO: Department Chairman, Management & Finance
FROM: Chairman, General Business Committee, Management & Finance
SUBJECT: General Business Courses and Majors

The Committee recommends the following action be taken in regards to the BSU Bulletin for the year 1979-80:

That GB-207 and GB-208, Statistical Techniques for Decision Making I and II respectively be given management prefixes MG-207 and MG-208.

That GB-366, Quantitative Analysis for Business Decisions also be given an MG prefix with appropriate adjustment in the prerequisites, i.e., GB-207 becomes MG-207.
<table>
<thead>
<tr>
<th>REFERENCE NUMBER</th>
<th>COURSE/SECTION NUMBER</th>
<th>ACTION</th>
<th>DESCRIPTION OF CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30091</td>
<td>AR 007 001</td>
<td>Reinstall</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AR 226 002</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AR 226 004</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td>30101</td>
<td>AR 011 002</td>
<td>Add</td>
<td>Leaded Glass 2 cr. F</td>
</tr>
<tr>
<td></td>
<td>AR 106 006</td>
<td>Add</td>
<td>Basic Design 2 cr.  M</td>
</tr>
<tr>
<td></td>
<td>AR 106 L F</td>
<td>Add</td>
<td>Basic Design Lab W</td>
</tr>
<tr>
<td></td>
<td>AR 111 002</td>
<td>Add</td>
<td>Drawing 2 cr. MW</td>
</tr>
<tr>
<td>30069</td>
<td>AR 551 001</td>
<td>Add</td>
<td>Special Methods 3 cr.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 205 007</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 206 003</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 304 004</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 440 001</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 440G 001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29893</td>
<td>AN 497 002</td>
<td>Add</td>
<td>Spec. Top.--Econ Anthro 3 cr.</td>
</tr>
<tr>
<td></td>
<td>AV 351 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B 102 L C</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B 205 L C</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B 344 002</td>
<td>Add</td>
<td>Genetics Lab, 1 cr.  T</td>
</tr>
<tr>
<td></td>
<td>BT 497 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td>30189</td>
<td>B 497 003</td>
<td>Add</td>
<td>Spec Top.--Photomicrography/Cinemicrography</td>
</tr>
<tr>
<td></td>
<td>TR 597 004</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30140</td>
<td>C 110 004</td>
<td>Add</td>
<td>Essen. Chem Lab 2 cr.</td>
</tr>
<tr>
<td></td>
<td>C 134 006</td>
<td>Add</td>
<td>Coll. Chem Lab 2 cr.</td>
</tr>
<tr>
<td>29815</td>
<td>DP 320 002</td>
<td>Add</td>
<td>Data Process Tech 3 cr.</td>
</tr>
<tr>
<td></td>
<td>DP 360 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EN 101 001</td>
<td>Time</td>
<td>TR 9:40-11:30</td>
</tr>
<tr>
<td></td>
<td>FS 101 002</td>
<td>Time</td>
<td>7-10:00 pm</td>
</tr>
<tr>
<td></td>
<td>FS 297 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GG 101 003</td>
<td>Time, Day</td>
<td>R 7-10:00 pm</td>
</tr>
<tr>
<td></td>
<td>HY 332 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HP 492 002</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30037</td>
<td>MG 297 001</td>
<td>Add</td>
<td>Spec. Top.--Manage Tech Transportation</td>
</tr>
<tr>
<td>30044</td>
<td>MG 497 001</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MG 301 005</td>
<td>Cancel</td>
<td>7:40-8:30 am</td>
</tr>
<tr>
<td></td>
<td>MG 409 001</td>
<td>Time</td>
<td>M 7-10:00 pm</td>
</tr>
<tr>
<td></td>
<td>MG 584 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MK 306 001</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>M 104 005</td>
<td>Credit Hr</td>
<td>Change to 4 cr.</td>
</tr>
<tr>
<td></td>
<td>M 105 003</td>
<td>Days</td>
<td>Change to MTWR</td>
</tr>
<tr>
<td></td>
<td>M 105 004</td>
<td>Days</td>
<td>Change to MW S-201; TR S-218</td>
</tr>
<tr>
<td></td>
<td>M 105 008</td>
<td>Add</td>
<td>Math Bus. Dec. 4 cr.</td>
</tr>
<tr>
<td></td>
<td>M 109 001</td>
<td>Time</td>
<td>Change to 6:40-9:00 pm</td>
</tr>
<tr>
<td></td>
<td>M 206 002</td>
<td>Days</td>
<td>MWF S-218; R S-124</td>
</tr>
<tr>
<td></td>
<td>M 212 001</td>
<td>Time, Room</td>
<td>7:40-8:30 S-201</td>
</tr>
<tr>
<td></td>
<td>M 226 001</td>
<td>Room</td>
<td>Change to R S-220</td>
</tr>
<tr>
<td></td>
<td>M 340 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td>REFERENCE NUMBER</td>
<td>COURSE/SECTION NUMBER</td>
<td>ACTION</td>
<td>DESCRIPTION OF CHANGE</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------</td>
<td>--------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>M 498 001</td>
<td>Credit Hr.</td>
<td>Change to 1 cr.</td>
<td></td>
</tr>
<tr>
<td>MU 497 001</td>
<td>Credit Hr.</td>
<td>Change to 1 cr.</td>
<td></td>
</tr>
<tr>
<td>29597</td>
<td>PE 184 002</td>
<td>Add</td>
<td>Rec. Dance 1 cr. TR 11:40-12:30 AGym</td>
</tr>
<tr>
<td></td>
<td>PE 189 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td>29854</td>
<td>PE 297 016</td>
<td>Add</td>
<td>Adv. Folk Dance 1 cr. R 7-10:00 pm AGym</td>
</tr>
<tr>
<td>29847</td>
<td>PH 382 001</td>
<td>Add</td>
<td>Elec/Magnetism 3 cr. MWF 11:40-12:30 SE-335</td>
</tr>
<tr>
<td>30012</td>
<td>PO 442 001</td>
<td>Add</td>
<td>West Political Theory 3 cr. TR 3:15-4:30 PSC</td>
</tr>
<tr>
<td>30020</td>
<td>PO 451 001</td>
<td>Add</td>
<td>Comp Legal Systems 3 cr. TR 7:40-8:55 PSC</td>
</tr>
<tr>
<td>30083</td>
<td>PO 497 001</td>
<td>Add</td>
<td>Spec.Top.--Environ. Anal 3 cr. M 7-10:00 pm ARRD</td>
</tr>
<tr>
<td>30076</td>
<td>PY 497 002</td>
<td>Add</td>
<td>Spec.Top.--Living Human Religions 3 cr. TR 9:15-10:30 L-408 D</td>
</tr>
<tr>
<td>P 101 001</td>
<td>Room</td>
<td>Change to E-112</td>
<td></td>
</tr>
<tr>
<td>P 297 007</td>
<td>Room</td>
<td>Change to L-231</td>
<td></td>
</tr>
<tr>
<td>30213</td>
<td>P 297 008</td>
<td>Add</td>
<td>Spec.Top.--Human Sex. 3 cr. T 7-10:00 pm SE-156</td>
</tr>
<tr>
<td></td>
<td>P 311 002</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P 501 001</td>
<td>Time</td>
<td>Change to 6:00-9:00 pm</td>
</tr>
<tr>
<td></td>
<td>P 505 001</td>
<td>Time</td>
<td>Change to 6:00-9:00 pm</td>
</tr>
<tr>
<td></td>
<td>RE 201 006</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RE 201 007</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R 297 001</td>
<td>Time,Room</td>
<td>Change to 12:40-1:30 L-215</td>
</tr>
<tr>
<td></td>
<td>SO 421 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SO 487 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SO 487 002</td>
<td>Add</td>
<td>3 cr. M 7-10:00 pm PSC</td>
</tr>
<tr>
<td></td>
<td>SO 498 001</td>
<td>Time,Room</td>
<td>Change to T 1:40-3:30 B-310</td>
</tr>
<tr>
<td></td>
<td>TA 342 001</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td>29935</td>
<td>TE 431 001</td>
<td>Add</td>
<td>Remed Mild Handicapped 3 cr. TR 2:40-3:55 E-416</td>
</tr>
<tr>
<td></td>
<td>Z 107 L B</td>
<td>Cancel</td>
<td></td>
</tr>
<tr>
<td>30171</td>
<td>Z 112 L C</td>
<td>Add</td>
<td>Hum Anat &amp; Phys Lab 0 cr. R 10:40-1:40 SE-241</td>
</tr>
<tr>
<td></td>
<td>Z 112 L E</td>
<td>Time</td>
<td>Change to 7:40-10:30</td>
</tr>
</tbody>
</table>