BOISE STATE*COLLEGE

CATALOG
1968-1969

BOISE, IDAHO

*Effective January 1, 1969
### 1968 - 1969

**SUMMER SESSION 1968**

- First Session: June 5 — July 9
- Second Session: July 10 — August 13

### CALENDAR FOR 1968-69

#### FALL SEMESTER

**1968**

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last date to Complete All Admission Requirements (to be able to register at regular registration times)</td>
<td>5:00 P.M. Mon. Aug. 5</td>
</tr>
<tr>
<td>New Faculty Orientation</td>
<td>from 9:00 A.M. to 5:00 P.M. Thurs. Aug. 15, Fri. Aug. 16</td>
</tr>
<tr>
<td>General Faculty Meeting</td>
<td>5:00 P.M. Sun. Aug. 18</td>
</tr>
<tr>
<td>Faculty Dinner</td>
<td>7:00 P.M. Sun. Aug. 18</td>
</tr>
<tr>
<td>Division Meetings (Faculty)</td>
<td>8:00 P.M. Sun. Aug. 18</td>
</tr>
<tr>
<td>Pre-Registration Advising by Appointment (Seniors and Juniors)</td>
<td>from 8:00 A.M. to 5:00 P.M. Mon. Aug. 19</td>
</tr>
<tr>
<td>Residence Halls Open</td>
<td>1:00 P.M. Mon. Aug. 19</td>
</tr>
<tr>
<td>New Student Orientation &amp; Group Advising (Gym)</td>
<td>8:00-10:15 A.M. Tues. Aug. 20</td>
</tr>
<tr>
<td>Pre-Registration Advising by Appointment (Sophomores)</td>
<td>from 8:00 A.M. to 5:00 P.M. Tues. Aug. 20</td>
</tr>
<tr>
<td>Late ACT Test (Gymnasium)</td>
<td>10:30 A.M. — 3:00 P.M. Tues. Aug. 20</td>
</tr>
<tr>
<td>Math Placement Test (Science Building)</td>
<td>3:30 P.M. — 5:30 P.M. Tues. Aug. 20</td>
</tr>
<tr>
<td>Foreign Language Placement Test (LA206)</td>
<td>8:00 A.M. - 10:00 A.M. Wed. Aug. 21</td>
</tr>
<tr>
<td>Pre-Registration Advising (Liberal Arts Bldg.) (New, Transfer and Former Boise College students)</td>
<td>from 8:00 A.M. to 5:00 P.M. Wed. Aug. 21</td>
</tr>
<tr>
<td>Registration for Seniors, Juniors, Sophomores (Gym)</td>
<td>Wed. Aug. 21</td>
</tr>
<tr>
<td>Pre-Registration Advising (Liberal Arts Bldg.) (New, Transfer, and Former Boise College Students)</td>
<td>from 8:00 A.M. to 5:00 P.M. Thurs. Aug. 22</td>
</tr>
<tr>
<td>Registration for Sophomores (cont.) and Freshmen (by schedule)</td>
<td>Thurs. Aug. 22</td>
</tr>
<tr>
<td>Pre-Registration Advising (Liberal Arts Bldg.) (New, Transfer and Former Boise College Students)</td>
<td>from 8:00 A.M. to 3:00 P.M. Fri. Aug. 23</td>
</tr>
<tr>
<td>Registration for Freshmen (cont.)</td>
<td>Fri. Aug. 23</td>
</tr>
<tr>
<td>Evening School Registration (Gymnasium)</td>
<td>from 9:00 A.M. to 3:00 P.M. Sat. Aug. 24</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Mon. Aug. 26</td>
</tr>
<tr>
<td>Labor Day (Holiday)</td>
<td>Mon. Sept. 2</td>
</tr>
<tr>
<td>Last Date for Adding New Courses for Credit</td>
<td>Fri. Sept. 13</td>
</tr>
<tr>
<td>Last Date for Withdrawal without Penalty for Failing Work</td>
<td>Fri. Sept. 13</td>
</tr>
<tr>
<td>Last Date for Removing Incompletes for Previous Semester</td>
<td>Fri. Oct. 18</td>
</tr>
<tr>
<td>End of Mid-Semester Examinations</td>
<td>Sat. Nov. 2</td>
</tr>
<tr>
<td>Annual Homecoming</td>
<td>Mon. Nov. 11</td>
</tr>
<tr>
<td>Veterans Day (Holiday)</td>
<td>Sat. Nov. 27</td>
</tr>
<tr>
<td>Thanksgiving Vacation</td>
<td>from 10:00 P.M. to 7:00 A.M. Mon. Dec. 2</td>
</tr>
<tr>
<td>Last Date to Withdraw from Classes</td>
<td>Mon. Nov. 25</td>
</tr>
<tr>
<td>Semester Examinations</td>
<td>from 8:00 A.M. to 5:00 P.M. Thurs. Dec. 19, Sat. Dec. 21</td>
</tr>
<tr>
<td>Residence Halls Closed</td>
<td>6:00 P.M. Sat. Dec. 21</td>
</tr>
<tr>
<td>Christmas Vacation</td>
<td>from 5:00 P.M. to 7:00 A.M. Mon. Jan. 13</td>
</tr>
</tbody>
</table>

*Students who complete after this date will be charged a late registration fee and scheduled after regular registration times.*
CALENDAR FOR 1968-69
SPRING SEMESTER

*Last Date to Complete All Admission Requirements .............................................................. 5:00 P.M. Tues. Dec. 17
(to be able to register at regular registration times)

1968

Residence Halls Open to New Students ................................................................. 1:00 P.M. Mon. Jan. 13
New Student Orientation and Group Counseling (LA106) ....................... 8:00 - 9:45 A.M. Tues. Jan. 14
Late ACT Test .............................................................. 10:00 A.M. - 2:30 P.M. Tues. Jan. 14
(for students who have not taken the ACT tests)
Math Placement Test .............................................................. 3:30 P.M. - 5:30 P.M. Tues. Jan. 14
(Math, Engineering and Science Majors)
Pre-Registration Advising by Appointment .............................................. from 9:00 A.M. to 5:00 P.M. Mon. Jan. 13
(Seniors and Juniors)
Foreign Language Placement Test (LA206) ...................................................... 8:00 A.M. - 10:00 A.M. Wed. Jan. 15
(for students who have foreign language background and wish to continue in the same foreign language)
Pre-Registration Advising by Appointment .............................................. from 8:00 A.M. to 5:00 P.M. Tues. Jan. 14
(Sophomores)
Pre-Registration Advising (Liberal Arts Bldg.) .............................................. from 8:00 A.M. to 5:00 P.M. Wed. Jan. 15
(New, Transfer and Former Boise College Students)
Registration for Seniors, Juniors, Sophomores (Gym) .............................................. (by schedule)
Pre-Registration Advising (Liberal Arts Bldg.) .............................................. from 8:00 A.M. to 5:00 P.M. Thurs. Jan. 16
(New, Transfer and Former Boise College Students)
Registration for Sophomores (cont.) and Freshmen .............................................. (by schedule)
Pre-Registration Advising (Liberal Arts Bldg.) .............................................. from 8:00 A.M. to 3:00 P.M. Fri. Jan. 17
(New, Transfer and Former Boise College Students)
Registration for Freshmen (cont.) .......................................................... from 9:00 A.M. to 3:00 P.M. Sat. Jan. 18
(by schedule)
Evening School Registration (Gymnasium) .............................................................. from 9:00 A.M. to 3:00 P.M. Mon. Jan. 20

1969

Classes Begin ..................................................................................................................... Mon. Jan. 13
Last Date for Adding New Courses for Credit ................................................................. Fri. Feb. 7
Last Date for Withdrawal without Penalty for Failing Work ................................................ Fri. Feb. 7
*Washington's Birthday ............................................................................................... Sat. Feb. 22
End of Mid-Semester Examinations ........................................................................ Fri. Mar. 14
Last Date for Removal of Incompletes for Previous Semesters .................................... Fri. Mar. 14
Spring Vacation ........................................................................................................... from 10:00 P.M. to 7:00 A.M. Thurs. Mar. 20
(to 7:00 A.M. Thur. Mar. 20
Last Date to Withdraw from Classes ........................................................................... Thurs. Apr. 24
Semester Examinations ............................................................................................. from 8:00 A.M. to 5:00 P.M. Tues. May 13
(to 5:00 P.M. Thurs. May 15
Residence Halls Close ................................................................................................. 6:00 P.M. Sun. May 18
Commencement ........................................................................................................... Sun. May 18

*Students who complete after this date will be charged a late registration fee and scheduled after regular registration times.

SUMMER SESSION 1969

First Session ................................................................................................................. June 9 — July 11
Second Session ............................................................................................................. July 14 — August 15
The Board of Trustees for Boise State College (from the left) D. F. Engelking, Boise, ex-officio, secretary; Edmund A. Bogert, Jr., Pocatello; Dr. Donald L. Keith, executive director for higher education; Philip A. Dufford, Boise; Eldon W. Smith, Rexburg, president of the board; Mrs. John G. Walters, Boise, vice president; Elvon Hampton, Genesee, secretary, Joseph D. McCallum, of the board; Mr. John G. Walters, Boise, executive secretary; and Donald J. F. Engleman, Boise, ex-officio member, executive secretary (left). E. F. Engleman, Boise, ex-officio member, executive secretary (right).
# TABLE OF CONTENTS

Map of Campus ........................................... Inside Front Cover  
Calendars .................................................... 2  
Board of Trustees  
  Boise State College  
  Boise College  
Administration ............................................ 7  

PART I ....................................................... 9  
  General Information .................................... 10  
  Fees and Charges .................................... 14  

PART II ..................................................... 21  
  Student Personnel Services  
    Admissions Requirements  
    Graduation Requirements  
    Course Numbering System Code  

PART III .................................................. 43  
  School of Arts and Sciences  
    Division of Arts & Letters  
    Division of Science & Health  

PART IV .................................................. 112  
  School of Business and Public Administration  

PART V ..................................................... 132  
  School of Education  

PART VI .................................................. 151  
  Area Vocational-Technical School  

FACULTY .................................................. 173  
  Full Time ............................................ 173  
  Emeriti ............................................... 183  
  Part Time Assistants and Special Lecturers  
    Elementary Education  
  Scholarships ......................................... 187  
  Loans .................................................. 193  
  Register of Students ................................ 195  
  Index .................................................... 199  

NOTE: The provisions of this publication are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provision or requirements at any time within the student's term of attendance.
BOISE STATE COLLEGE*

STATE BOARD OF EDUCATION

ELDON W. (Dick) SMITH, President (term expires 1970) Rexburg

MRS. JOHN G. WALTERS, Vice President (term expires 1970) Boise

ELVON HAMPTON (term expires 1971) Genesee

EDMUND A. BOGERT, Jr., (term expires 1969) Pocatello

JOSEPH D. MCCOLLUM (term expires 1972) Twin Falls

JOHN J. PEACOCK (term expires 1973) Kellogg

PHILIP A. DUFFORD (term expires 1969) Boise

D. F. ENGELKING, (ex-officio member) Boise

DON L. KEITH, Executive Director for Higher Education Boise

EXECUTIVE COMMITTEE FOR BOISE STATE COLLEGE

MRS. JOHN G. WALTERS, Chairman

JOSEPH D. MCCOLLUM

ELDON W. (Dick) SMITH

PHILIP A. DUFFORD

BOISE COLLEGE*

BOARD OF TRUSTEES

JOHN P. TATE

JAMES D. MCCRARY

R. S. OVERSTREET

DONALD M. DAY

RALPH J. COMSTOCK, JR.

EUGENE B. CHAFFEE, Chancellor

OFFICERS OF THE BOARD

JOHN P. TATE, Chairman

JAMES D. MCCRARY, Vice-Chairman

Dwane R. Kern, Secretary-Treasurer

*Effective January 1, 1969 Boise College becomes Boise State College under the jurisdiction of the State Board of Education serving as a Board of Trustees for the college. The Boise College Board of Trustees will exist solely for the legal assessment needed to retire previously voted general obligation bonds of the Junior College District.
BOISE STATE COLLEGE
ADMINISTRATION

PRESIDENT .................................................. JOHN B. BARNES, Ed.D.
EXECUTIVE VICE PRESIDENT .............................. RICHARD E. BULLINGTON, Ed.D.
  Director, Educational Services ....................... ACEL H. CHATBURN, Ed.D.
  Associate Director .................................... JAMES R. WOLFE, M.B.A.
  Administrative Assistant ............................. HERBERT W. RUNNER, M.S.
VICE PRESIDENT FOR SPECIAL SERVICES .............. W. L. GOTTENBERG, M.A.*
VICE PRESIDENT FOR FINANCIAL AFFAIRS .......... DWANE R. KERN, B.A.
  Business Manager ....................................... GORDON G. PHILLIPS, B.S.
  Internal Auditor ......................................... THEODORE F. KEITH, B.S.
  Chief Accountant ...................................... RONALD R. TURNER, B.C.S.
DEAN, STUDENT PERSONNEL SERVICES .......... J. ALFRED McCauslin, Ed.D.
  Dean of Men ............................................ EDWIN E. WILKINSON, M.S.
  Dean of Women .......................................... FLORA T. WALLACE, Ed.D.
  Registrar .................................................. ALICE H. HATTON, B.A.
  Director of Admissions and Records ............... SAMUEL B. RICHTER, M.Ed.
  Assistant .................................................. ALVA J. DAVIS, B.A.
DEAN, SCHOOL OF ARTS AND SCIENCES ............... JOSEPH B. SPULNIK, Ph.D.
  Chairman, Division of Arts and Letters ............ WILLIAM E. SHANKWEILER, Ph.D.
  Chairman, Division of Science and Health ........ DONALD J. Obee, Ph.D.
DEAN, SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION .................................................. ROBERT E. ROSE, Ph.D.
DEAN, SCHOOL OF EDUCATION ............................ GERALD R. WALLACE, Ed.D.
DIRECTOR, AREA VOCATIONAL-TECHNICAL SCHOOL ...................... CHARLES R. ROSTROM, M.S.C.E.

AUXILIARY SERVICES

Director, Buildings and Grounds ........................ HERBERT O. MENGEL, B.S.
Director, Center for Counseling, Guidance, and Testing ........................................... DAVID P. TORBET, Ph.D.
  Testing and Counseling ................................ WILLIAM S. BRONSON, Ed.D.
  Counselor .................................................... ANNE N. DELAURIER, M.S.
  Counselor, Vocational ................................... ALBERT L. SCHROEDER, B.A.
Director, Center for Data Processing ................ FREDERICK J. KELLER, B.A.
  Programmer .................................................. STEPHEN E. MALONEY, B.S.
Director, Center for Printing and Graphic Services ...................................................... ROBERT WATTS
Director, Financial Aids ................................ F. RICHARD REED
Director, News Bureau ....................................... JOHN MACMILLAN, B.A.
Director, Special Projects ................................... GERALD R. REED, Ed.D.
Director, Student Union ..................................... PHILIP A. RANKE, M.A.
Head Librarian .............................................. RUTH McBIRNEY, B.A.
  Reference Librarian ...................................... EVELYN EVERTS, B.A.
  Circulation Librarian ..................................... BEVERLY MILLER, M.A.
  Serials and Documents Librarian .................. DARRYL HUSKEY, B.S.
  Technical Services Librarian ......................... ROBERT L. MCDOWELL, M.A.
Manager, Book Store ........................................... ELIZABETH FORSYTH
Medical Service Physician ................................ BRUCE C. BUDGE, M.D.
  Nurse ....................................................... JERINE BROWN, R.N.

*Sabbatical Leave Fall Semester, 1968
PART I

General Information
Boise State College

HISTORY

Boise State College is the product of citizens in action. From the inception of the school, during the Depression 30's to February 1965 when it acquired four-year status as "Boise College," to its present status as a comprehensive state college, the institution has developed through district, regional, and state support.

When college seemed beyond the reach of many young people, in the spring of 1932, an Episcopal Bishop, the Right Reverend Middleton S. Barnwell, organized Boise Junior College. Its classes were held in St. Margaret's Hall, a church-operated girls' academy. Several of the original faculty members are still with the school.

Two years later, in answer to an appeal from the Bishop, a group of visionary citizens formed a non-profit corporation to continue the operation of the fledgling school. The city of Boise, in turn, contributed land on which to build a campus, on a 110-acre tract south of the Boise River, the former municipal airport.

The Idaho Legislature helped lay the groundwork to make the college a public institution by passing an enabling act in February, 1939, permitting the formation of junior college districts. Within a month, the Boise Junior College District was formed by a large majority of the qualified voters, and the school opened that fall as a public institution. Another district vote, by a 10 to 1 majority, approved the necessary funds to start building a college plant.

The 1965 Legislature acted to form a new four-year degree granting institution, Boise College. The first upper division courses were offered during the summer session of 1965 and the first graduation from the four-year college was in the spring of 1967. By action of the Northwest Association of Secondary and Higher Schools in November, 1966, Boise College was accorded "Candidacy for Membership," constituting an interim accreditation for three years as a senior college.

To meet the educational needs of men and women of all ages Boise State College has a junior college division with one- and two-year courses of study including an Area Vocational-Technical School; and four-year curricula leading to the baccalaureate degree in a variety of fields.

The 1967 State Legislature voted for the integration of Boise College into the state system of higher education to be effective January 1, 1969 and changed the name to Boise State College.

INSTITUTIONAL MISSION AND OBJECTIVES

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

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

The college should provide a range of opportunities for student-faculty dialogue in other than a classroom situation, as well as provide educational opportunities to its students through self-government and other student activities that enhance self-growth, and various individual services that correlate with instruction, such as counseling, guidance, placement, testing and health services.
We also believe strongly in the development of special educational areas to equip students with the professional or technical skills and knowledges necessary for entrance into employment upon graduation. In addition, we seek to help students gain respect for excellence of performance and to provide educational programs that prepare them to become workers and leaders in the professions, in business, in governmental positions, in teaching and in industrial occupations.

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

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

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

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

THE PLAN

Courses of study are planned to meet the needs of high school graduates who desire additional training or education for the following reasons:

1. To obtain a baccalaureate degree by enrolling in a full four-year course; or to obtain pre-professional background.
2. To obtain a general or specialized junior college education beyond high school.
3. To qualify for business or professional positions through additional education and training.
4. To obtain new skills or retraining in present work, in evening classes.
5. To provide general educational and cultural opportunities to the public.

THE PLANT

The tree-studded campus south of the Boise River, opposite Julia Davis Park, is bounded on the west by Capitol Boulevard and on the east by Broadway Avenue. It is traversed on the north by a picturesque river road at the end of which stands a small historic chapel which was moved on campus for posterity. College Boulevard is the southern boundary line of the campus.

The college is within walking distance of the downtown area, below the hill from the Union Station. Opposite the campus on the south are several religious centers of various denominations.
The Administration Building was completed in time to accommodate the 1940 class, and was followed that same year by the Heating Plant, Music Auditorium, Vocational Shop, Gymnasium and Student Union Building (now being used as the Music-Drama Annex).

The Science Building was completed in 1955 with a new wing added in 1966. The building provides excellent laboratories, class and seminar rooms and a 260-seat theater-type lecture room.

The Liberal Arts Building was completed in 1967. It includes 33 classrooms, 7 Art Laboratories, 31 Faculty Offices, a Foreign Language Laboratory and a 322-seat lecture auditorium equipped with some of the most advanced training aids.

The Library, completed in 1964, is a modern, brick and glass structure overlooking the campus road and river on the north, with a south terrace facing the Liberal Arts Building. The Library accommodates over 400 students at reading tables and individual study desks. The book collection totals over 60,000 volumes, including about 3,000 reference volumes. Typing rooms and listening facilities are easily accessible, with approximately 1,500 phonorecords and 250 tapes available. The periodical department, centrally located on the second floor, receives over 500 periodicals and 15 newspapers. Microfilm readers are available for reading periodical and newspaper files on microfilm.

At present, the History and Education Departments and the Instructional Materials Center are also located on the second floor of the Library. Eventually, the total two-story structure, with the exception of space occupied by the Instructional Materials Center, will be utilized entirely by the Library.

The Instructional Materials Center (Educational Film Library) is owned cooperatively by the college and school districts in Southern Idaho and Eastern Oregon. The library now includes more than 1,100 films and 550 film strips valued at more than $100,000. These materials are used extensively not only in the College but in schools and by community organizations throughout the area. The latest projectors and other audio-visual equipment also are included in the Center.

Campus School is an elementary school built by the Boise Independent School District on the college campus. This unique arrangement provides student teaching for education majors, under the guidance of the college and Campus School instructors.

The Music Auditorium houses the Cunningham Memorial Organ, considered one of the finest of its kind in the Northwest. The building was remodeled in 1958 and seats 600 persons for college and community functions. The Music Department also is quartered here, including practice rooms and studios.

The Music-Drama Annex was used until 1967 as the Student Union Building. It was partially constructed through student fees and further financed by the Board of Trustees and a gift by H. W. Morrison. It provides expanded classrooms, and practice facilities for music students; speech and drama laboratory facilities; a radio broadcast studio; and the Student Health Services.

The Student Union Building, opened in the fall of 1967 is a structure of modern design that is the social center of the campus. It includes a large snack bar with enough room for 500 students, a game room, a six lane bowling alley, a ballroom which may accommodate as many as 1,200 persons seated at a banquet, and a barber shop. Adequate parking is available. One of the largest college book stores in the intermountain area is located in the Student Union Building.

Gymnasium and Physical Education building constructed in 1955 is used extensively by the college and the community for events requiring a large seating capacity (up to 4,000). The gymnasium contains two full sized basketball floors and additional large areas adaptable for special training classes, testing and registration.

Bronco Stadium, completed in 1950, has a permanent seating capacity of 10,800 which frequently is augmented by temporary bleachers. Friends of the
General Information

college promoted the stadium which not only serves as “Home of the Broncos” football team but for track events, outdoor pageants and spectaculars, and for athletic events of high schools and other colleges.

Vocational Buildings are located on the southeastern section of the campus on Bellevue Avenue. Included are shops for auto mechanics, machine shop, welding, carpentry and auto body.

The Technical Education Building, completed in 1966, houses classes, laboratories, and offices of the rapidly expanding Vocational-Technical Education Program. Drafting-Design, Electronics, Office-Machine Repair, Horticulture, Nursing, and Dental Technician training are some of the activities conducted in this building.

Women’s Residence Halls, Morrison Hall and Driscoll Hall were both completed in 1951 with identical construction of 48 single rooms and 15 double rooms. Central features are downstairs parlor and large recreation rooms. Each dormitory has 10 suites with small living room and lavatory facilities for the occupants. Laundry facilities also are available for the residents.

Opened in the fall of 1967, Chaffee Hall is a men’s residence, designed to accommodate 300 students. This beautiful new addition to the campus includes a central unit that is air-conditioned and contains a carpeted lounge, TV room, recreation room, and Resident Directors’ apartment. Students are housed in two separate three-story units with twenty-four double rooms, two single rooms and a Resident Advisor’s room on each floor.

CULTURAL ADVANTAGES

The College increasingly is becoming the hub of cultural activities for the area, with many events presented at no charge, or for a nominal attendance fee. The College Lyceum Committee sponsors a series of lectures and entertainment featuring outstanding public figures or artists on tour to which the public is invited.

Dramatic offerings by student actors are presented each season, including plays in French, Spanish and German given by language students.

A full calendar of musical offerings includes recitals, concerts of the a cappella choir and the college band (both of which go on tour each year), the BSC-Community Symphony orchestra, and an annual Opera Workshop production.

As the state capital, Boise offers many additional advantages to the students who can observe first hand various governmental departments, where they frequently have an opportunity to work. The city is the hub of communications, with the largest daily newspaper in the state, two major television stations, two weekly newspapers and seven radio stations.

There are two modern hospitals, plus a renowned convalescent center. It is a city of churches, and civic organizations abound for both men and women.

Music opportunities for participants and audiences alike are here with a Philharmonic Symphony orchestra, the Community Concert series, in addition to several major musical show productions involving local talent given each year. There is an active Little Theatre group, an Art Association which sponsors an Art Gallery in Julia Davis Park, and a Historical Society in conjunction with the State Historical Museum also located in the Park, across the river from the college campus.

Boise Valley has a mild climate, only a few miles’ drive to the mountains for abundant snow. Bogus Basin, the local ski area, is only 16 miles from the city. Family camping is a favorite recreation, with hunting and fishing practically at one’s backdoor. Water sports are found at nearby Lucky Peak reservoir, Lake Lowell and many other recreation spots within a short drive of town.

ACCREDITATION

Boise College was first accredited as a junior college in 1941 by the Northwest Association of Secondary and Higher Schools. It was re-accredited
in 1956 and again in 1966. After the College was authorized by the 1965 Idaho Legislature to expand to four-year, degree-granting status, steps were taken immediately to gain accreditation for the junior and senior years. Acceptance of initial upper division courses was assured by the University of Idaho in July 1965, and Candidacy for Membership was granted by the Northwest Association in December 1966 providing an interim accreditation for a period of three years. The Higher Commission of the Northwest Association has recommended to other colleges and universities that transcripts of credits from Boise College be accepted in exactly the same manner as those from fully accredited institutions.

In September, 1968 Boise College will be examined by a committee from the Northwest Association, which will file a report with the Higher Commission of the Association relative to the College’s application for full accreditation. Full accreditation will be determined in the Fall of 1968.

HONORS

Boise State College plans to initiate an Honors Program designed to give students of outstanding intellectual ability a comprehensive education in interdepartmental areas of study allowing for the development of individual programs leading to a baccalaureate degree.

The program will offer the exceptional student the privilege of studying challenging topics free from many of the restrictions inherent in the normal curricula. It also will offer him the opportunity to meet the added challenge of conflicting opinions and interpretations from fellow students and faculty in an atmosphere intended to stimulate him to the fullest possible development of his potential.

The Idaho Society of Professional Engineers selects a pre-engineering major to receive the honor of being the outstanding engineering student graduating from Boise College. The engineering faculty nominates candidates for this honor. An individual plaque is given to the recipient, and his name is also inscribed on a plaque in the Science Building. The name of the student receiving this honor is announced at Commencement each year.

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 each semester or arrangements may be made to pay in advance on a partial payment basis by consulting the Business Manager.

Veterans who plan to attend on the GI Bill of Rights under P.L. 550 or P.L. 894 must, upon registration, present their certificates of eligibility. Those under P.L. 894 unable to present a certificate of eligibility at the time of registration will be charged tuition and fees. Upon presentation of said certificate, complete refund will be made. Veterans qualifying under P.L. 550 will pay all charges at time of registration.

Ten or more credit hours for students not attending on the GI Bill will be considered a full schedule for purpose of calculating charges:

Beginning with Spring Semester, 1969, any person, other than a staff member, who registers for more than six credits, or its equivalent, must pay the full registration fees.

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

TUITION—BOISE COLLEGE FALL SEMESTER—1968

Upper Division (64 credit hours earned and over)
All students (per semester credit hour) $20.00 plus fees
If course taken for audit (per semester credit hour) $10.00 plus fees

REGISTRATION FEES*
Full time students** $80.00 (Approx.)
TUITION—JUNIOR COLLEGE DIVISION:

District Residents:
**Full-time Students (per semester) .......................... $50.00
Part-time Students (per semester credit hour) ............. 5.00

Ada County Residents: (Residing outside of Boise Junior College District)
**Full-time Students (per semester) ..................... 334.70
Part-time Students (per semester credit hour) ............. 33.50

Non-residents: (Residing outside of Ada County)
**Full-time Students (per semester) ..................... 370.00
Part-time Students (per semester credit hour) ............. 37.00

Audit Fees:
Any person auditing a class or classes will pay the following tuition:
District (per credit hour) .............................. 10.00
Ada County (per credit hour) .......................... 30.00
Non-resident (per credit hour) ........................ 35.00

Vocational Students:
The State Board for Vocational Education cooperates with Boise Junior College District in financing training courses; therefore, for tuition purposes, full-time vocational students are considered district residents provided they are legal, qualified residents of Idaho.

*Includes 3% Idaho Sales tax on Student Body Fee.
**Refer to page 14 for definition of a full-time student.

ESTIMATED COST
FALL SEMESTER - 1968
JUNIOR COLLEGE DIVISION

<table>
<thead>
<tr>
<th></th>
<th>District Residents</th>
<th>Ada County Residents</th>
<th>Outside Ada County In State</th>
<th>Out of State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$50.00</td>
<td>$334.70</td>
<td>$370.00</td>
<td>$370.00</td>
</tr>
<tr>
<td>Registration Fees</td>
<td>80.00</td>
<td>80.00</td>
<td>80.00</td>
<td>80.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$130.00</strong></td>
<td><strong>$414.70</strong></td>
<td><strong>$450.00</strong></td>
<td><strong>$450.00</strong></td>
</tr>
</tbody>
</table>

If student qualifies for County Tuition Aid, as provided by H.B. 121, as amended, Thirty-Ninth Session, Idaho State Legislature, 1967, deduct 0

|                     | $0                  | $210.70              | $246.00                     | 0           |
| **Total Tuition & Fees** | **$130.00** | **$204.00**          | **$204.00**                 | **$450.00** |

The above estimates do not include the cost of laundry, bedding, books, or personal items which vary greatly depending on the tastes, demands, or financial means of the individual student. In addition to the above, some courses may require special fees.

INTERPRETATION OF COUNTY TUITION AID
(For Fall Semester Only)

Idaho counties which will pay tuition aid:
Students from other Idaho counties may qualify if they meet the following conditions:


"Any student residing in the area of a county outside of a junior college district or in a county without a junior college district, who has been a resident of the county and state for not less than six (6) months continuously prior to the date of his first enrollment in a junior college, which residence may not be acquired while attending and enrolled in a junior college or other public school above the twelfth grade, may enroll in any junior college in the state, and the county of his residence shall pay that portion of his tuition as hereinafter set out. Provided, however, no student residing in a junior college area which has a junior college district may attend another junior college in the state, with the county of his residence paying a portion of that tuition, unless the student, if he be of legal age, or the parent or guardian of such student makes application to the board of trustees of the junior college district of the junior college area in which such student resides, which application shall request the attendance of such student at another junior college in the state, with the county of his residence paying a portion of the tuition, and shall set forth the facts and reasons why such attendance should be authorized and, further, shall specify the junior college at which attendance is desired. Such board of trustees shall, not less than ten days before the date of such application is to be heard, enter its order for a hearing and give notice by mail to the applicant as to the time and place thereof. After hearing the same, if the Board of Trustees shall determine it to be in the best interest of such student to attend another junior college, with the county of his residence paying a portion of the tuition, and if the other junior college has agreed to accept such student, the board shall make and enter its order to that effect. Any such decision by the board of trustees of the junior college district may be appealed to and heard by the State Board of Education."

BOISE STATE COLLEGE
TUITION AND FEE SCHEDULE
SPRING SEMESTER — 1969

Boise College becomes a state institution, Boise State College, on January 1, 1969. Tuition and fees have been determined by the State Board of Education, which will then be the governing body of Boise State College.

<table>
<thead>
<tr>
<th>Idaho Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition:</strong> (per semester)</td>
<td>$0—</td>
</tr>
<tr>
<td><strong>Fees:</strong> (per semester)</td>
<td>141.00*</td>
</tr>
<tr>
<td><strong>TOTAL TUITION &amp; FEES</strong></td>
<td>$141.00</td>
</tr>
</tbody>
</table>

PART-TIME, EXTENDED DAY AND SUMMER FEES:

<table>
<thead>
<tr>
<th>FEES:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Part-time (effective 1-1-69)</td>
<td>$15.00 per semester hour</td>
</tr>
<tr>
<td>Extended Day (effective 1-1-69)</td>
<td>10.00 per semester hour</td>
</tr>
<tr>
<td>Summer (effective summer, 1969)</td>
<td>15.00 per semester hour</td>
</tr>
</tbody>
</table>

*Includes 3% Idaho Sales Tax

*This includes a Building Fee, not to exceed $60.00, which will be set by the State Board of Education when cost estimates are determined by the architects who are designing new buildings.
**Fees and Charges**

### Application Processing Fee:
An Application Processing Fee of $10.00 will be assessed beginning the fall semester 1968 for new enrollees to Boise College (Non-refundable).

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

### Change of Schedule Fee: (Changing or adding classes)

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>still on waiting list</td>
<td>1.00</td>
</tr>
<tr>
<td>examinations</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Examination:

<table>
<thead>
<tr>
<th>Type of Examination</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>At other than scheduled time (quizzes)</td>
<td>1.00</td>
</tr>
<tr>
<td>Final Semester examination</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Graduation Fee—Associate Degree:
Non-Refundable (including cap and gown rental)

### Graduation Fee—Baccalaureate Degree:
Non-Refundable

### Transcript:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One sent free; extras, each</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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

### Placement Service Fee:
(For Teacher Education only)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Others</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Art Fees:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceramics, AR-125, AR-126</td>
<td>(per semester) $ 10.00</td>
</tr>
<tr>
<td>Crafts, AR-121, AR-122</td>
<td>(per semester) 6.00</td>
</tr>
<tr>
<td>Printmaking, AR-109, AR-110</td>
<td>(per semester) 10.00</td>
</tr>
<tr>
<td>Sculpture, AR-231, AR-232</td>
<td>(per semester) 6.00</td>
</tr>
<tr>
<td>Photography, AR-241, AR-242</td>
<td>(per semester) 8.00</td>
</tr>
</tbody>
</table>

All other studio art classes, other than lecture classes only.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(per semester)</td>
<td>4.00</td>
</tr>
</tbody>
</table>

### Music Fees:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchestra, MU-153</td>
<td>(per semester) 1.50</td>
</tr>
<tr>
<td>A Capella Choir, MU-140</td>
<td>(per semester) 1.50</td>
</tr>
<tr>
<td>Vocal Ensemble, MU-143</td>
<td>(per semester) 1.50</td>
</tr>
<tr>
<td>Instrumental Ensemble, MU-150</td>
<td>(per semester) 1.50</td>
</tr>
<tr>
<td>Band, MU-155</td>
<td>(per semester) 1.50</td>
</tr>
</tbody>
</table>

### Music, Applied:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piano, MA-151</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Class Piano, MA-150, one hour per week</td>
<td>(per semester) 12.00</td>
</tr>
<tr>
<td>Voice, MA-181</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Class Voice, MA-180, one hour per week</td>
<td>(per semester) 12.00</td>
</tr>
<tr>
<td>Organ, MA-131</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Violin, MA-171</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Cello, MA-121</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>String Bass MA-123</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Woodwind Instruments</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Brass Instruments</td>
<td>(per semester) 45.00</td>
</tr>
<tr>
<td>Instrumental Techniques (for public school majors) three lessons per week</td>
<td>(per semester) 20.00</td>
</tr>
</tbody>
</table>

### Music—Rental Fees:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practice Room with Piano for one hour daily, six days per week</td>
<td>(per semester) 6.00</td>
</tr>
<tr>
<td>Organ Rental, one hour per day</td>
<td>(per semester) 27.00</td>
</tr>
<tr>
<td>Key deposit for any music practice room</td>
<td>(per semester) 3.00</td>
</tr>
</tbody>
</table>

*No early final examinations are allowed. Late final examinations can be arranged when extenuating circumstances exist—permission of the Dean of the school is required.*
Physical Education; Towel and lock fees: (per semester) 3.75

All one credit physical education courses except, PE-152, PE-153, PE-174, PE-175, PE-177, PE-187, PE-188, PE-189, PE-190, PE-191, PE-192, PE-193.

Swimming, PE 152, PE 153, PE 178, PE 179, PE 282, PE 283 (per semester) 10.00

Bowling:
PE-190 (per semester) $15.00

Vocational Course Fees:
- Auto Body (per semester) 15.00
- Auto Mechanics (per semester) 15.00
- Carpentry (per semester) 15.00
- Dental Assisting (per semester) 15.00
- Drafting and Design (per semester) 15.00
- Electronics (per semester) 15.00
- Fashion Merchandising (per semester) 15.00
- Machine (per semester) 15.00
- Mid-Management (per semester) 15.00
- Office Machine Repair (per semester) 15.00
- Welding (per semester) 15.00

Other vocational courses not listed above will also carry the $15.00 fee.

Students carrying less than 12 credits or 30 clock hours per week will pay $1.50 per credit per semester on all shop courses.

Late Registration Fee: $5.00 to $15.00

To help defray the extra cost involved with late registration, a fee is charged at the rate of $5.00 per day after the regularly designated days for registration to a maximum of $15.00. The cashier is not authorized to accept a late registration without the payment of the late fee and any waiver shall be on a refund basis upon the recommendation of the Dean of Student Personnel Services. The acceptance of LATE REGISTRATION IS SUBJECT TO CONCURRENCE BY THE INSTRUCTORS WHOSE COURSES ARE AFFECTED.

ROOM AND BOARD SCHEDULE (PER SEMESTER)

Morrison & Driscoll Halls: 1968-69

<table>
<thead>
<tr>
<th></th>
<th>1968-69</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Board</td>
<td>Room</td>
<td>Total</td>
</tr>
<tr>
<td>Single</td>
<td>$245.00*</td>
<td>$150.00</td>
<td>$395.00</td>
</tr>
<tr>
<td>Double</td>
<td>245.00*</td>
<td>135.00</td>
<td>380.00</td>
</tr>
</tbody>
</table>

Chaffee Hall:

<table>
<thead>
<tr>
<th></th>
<th>1968-69</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Board</td>
<td>Room</td>
<td>Total</td>
</tr>
<tr>
<td>Single</td>
<td>245.00*</td>
<td>150.00</td>
<td>395.00</td>
</tr>
<tr>
<td>Double</td>
<td>245.00*</td>
<td>135.00</td>
<td>380.00</td>
</tr>
</tbody>
</table>

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

RESIDENCE

“Residence” as used in the statutes and rules of Boise College means a student’s permanent domicile. A student can have but one residence and such residence cannot be lost until another is gained. The statutes of the State of Idaho provide:

“A student in a junior college shall not be deemed a resident of the district or of the county or of the State of Idaho, unless such student shall have resided within said district, county or state, for at least six months continuously prior to the date of his first enrollment in said junior college, and no student who was not a resident of the district, county or state shall gain residence while attending and enrolled in said junior college. The residence of a minor shall be deemed to be the residence of his parents or parent or guardian.”

*Includes 3% Idaho Sales Tax ($7.14)
Refunds

Students who withdraw from the College during the first four weeks of a semester will be entitled to receive the following refund on tuition, general fees (except non-refundable) and student body fees (if activity ticket is returned) paid for that term:

If withdrawal is made within the first two weeks of a term, 75% will be refunded; after two weeks and within four weeks, 50%; after four weeks, no refund will be allowed.

Application for refund must be made to the Business Office at the time of withdrawal and within the time limits mentioned.

Delinquent Accounts

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

Dishonored Check Policy

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

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

Auditing of Accounts

All funds for public purposes within the College and subject to the jurisdiction of either the College or the Associated Student Body and which are contributed to or collected by any student or faculty member shall be deposited with the Business Manager, 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 Business Manager.
PART II

Student Personnel Services

STUDENT PERSONNEL SERVICES
  Organization
  Activities
  Eligibility
  Housing
  Health Service
  Guidance
  Placement
  Alumni
  Scholarships
  Loans

ADMISSION REQUIREMENTS
  Procedures
  Academic Regulations
  Graduation
STUDENT PERSONNEL SERVICES

STAFF ORGANIZATION

The Office of Student Personnel Services encompasses all of the "out-of-class" services and programs that enhance the welfare of Boise State College students. The offices and activities responsible to the Dean of Student Personnel Services are: The Dean of Men; The Dean of Women; an Administrative Assistant who is responsible for Placement and Alumni Relations; the Director of Admissions and Records; the Registrar; Director of Financial Aids; the Director of Food Services (SAGA); the Director of Health Services; Director of the Student Union; Residence Halls programs; Student Government; Lyceum and other Faculty-Student Committees.

STUDENT ACTIVITIES

A. STUDENT GOVERNMENT

Every full-time student of Boise State College is officially a member of the "Associated Students of Boise State College" (ASBSC). This membership entitles each student to vote in all student body elections, to participate in a variety of extracurricular activities, to attend all home athletic events free, and to receive the student newspaper without charge. The elected student officers of the ASBSC are the Student Body President, Vice President, Secretary, Treasurer, and the four class presidents. The Dean of Student Personnel Services is the official advisor to this group.

The various branches of Student Government are designed to promote democracy, scholarship, leadership, and interest in student activities through various committees, and assignments, such as: the Judiciary Council, Social Committee, Honor Council, Homecoming Committee, and all other activities included in the ASBSC Budget. The Student Government also appoints qualified students to many permanent Faculty-Student Committees of the College such as the Lyceum Committee, Admissions Committee and Student Conduct Board.

B. STUDENT PUBLICATIONS

The Boise State College Roundup is the official weekly newspaper of the ASBSC. The student leadership of the paper is divided between two editors selected by the Student Government. Staff positions are open to any full-time students interested in journalism, not necessarily journalism majors.

The Les Bois is the college annual or yearbook, published by the associated student body. The editor is appointed each year by the student government and other positions on the staff are open to all interested full-time students.

Impulse is a cooperative effort of the students and faculty of the Division of Arts and Letters in the form of a semi-annual book of poetry, verse, short stories, and art.

C. ORGANIZATIONS AND HONORARIES

Participation in departmental clubs and honoraries, service and fraternal organizations, and other campus activities is an important part of student life. Adequate opportunities are available for every eligible student to pursue his extracurricular interests. Student honorary and service honorary organizations include Phi Theta Kappa, open to students with an academic grade point average of 3.5 or higher; Tau Alpha Pi, a vocational honorary; Golden Z's, open to women with a 3.0 average or higher; Valkyries, a women's service honorary; Circle K, men's service honorary; and Alpha Psi Omega, national dramatic honorary. Other service organizations include the Esquires, open to ex-servicemen with two or more years of active duty and a 2.0 average; Pi Sigma Sigma, men's service club; Intercollegiate Knights, national men's service club; Life Lines, women's organization emphasizing the need for blood and pledges to blood banks; Associated Women Students, open to all women on campus. Approximately fourteen class organizations and seven religious clubs, plus five or more special interest groups carry on a large number of campus projects and activities.
D. RELIGIOUS ACTIVITY

There are ample opportunities for worship in the Capital City of Boise. The many churches welcome students into their fellowship and provide additional programs for the students. The interfaith Council, composed of representatives from each of the religious clubs on campus, coordinates and promotes religious programs at the College.

E. MUSIC

Students interested in music are invited to participate in the Boise State College Orchestra, in the College Band, or A Cappella Choir, as well as smaller ensemble groups.

F. DRAMA

All students with the required grade point average are eligible to "try-out" for a large repertoire of student plays and drama productions. Students from a wide variety of major fields such as Engineering, Business, Psychology, etc., participate in these productions and many also earn points toward membership in Alpha Psi Omega, the national honorary dramatic fraternity.

ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES

A. REQUIREMENTS

1. FOR INTERCOLLEGIATE REPRESENTATION:
   In order to represent Boise State College or any student organization in any extracurricular activity of an intercollegiate nature such as: Debate, Model United Nations, Student Conferences, Business Education Day, fraternal or organizational conferences, Band, Orchestra, Choir, etc., trips, Cheerleader and/or Broncettes trips, etc., (except athletics) a student must:
   a. Not be disqualified or suspended from the College or on academic, social or conduct probation.
   b. Be currently enrolled as a full-time day student.
   c. Have earned at least a 2.00 GPA during his last previous semester at this College and carried a full-time load during said semester.
   d. Have a 2.00 Cumulative GPA or better.
   e. If a 1st semester Freshman, have written approval of his ACCADEMIC Advisor.
   f. If a 1st semester Transfer student, have written clearance from the Student Personnel Services Office.

2. FOR MEMBERSHIP:
   Membership in any of the Social/Service Clubs, Fraternal, Class and/or Special Interest Organizations (other than those required for credit), Activity Groups and/or Committees require the student:
   a. Not be disqualified or suspended from the College or on Conduct Probation.
   b. Be currently enrolled as a full-time day student.
   c. Meet the grade point requirements of the organization involved.

SPECIFIC REQUIREMENTS

3. TO HOLD ANY STUDENT OFFICE:
   An applicant for ANY STUDENT OFFICE, (Student Executive Board, Senate, Committee Chairmanship, Club/Organizational Office, etc.) must have achieved a minimum of 2.00 Cumulative GPA in previous academic work at Boise State College, and must maintain a 2.00 GPA for the duration of tenure in office.

Specific Requirements

a. The Student Body President and Organizational Presidents or Chairmen must have a minimum 2.00 Cumulative GPA to qualify for candidacy.

b. A candidate for any student body office (SEB) must have completed 60 credit hours of academic work at the end of the semester in which he/she applies for candidacy.
c. The minimum requirements for class officers shall be:
   1) 90 credit hours for senior offices
   2) 60 credit hours for junior offices
   3) 30 credit hours for sophomore offices
   4) Freshman candidates shall be required to have a 2.50 Cumulative GPA or equivalent from high school.

B. FACULTY ADVISOR'S RESPONSIBILITY

It is the responsibility of the faculty advisor, director, or coach to see that the eligibility of all candidates for office is certified by and filed with the Student Personnel Services Office before such candidates run for office and at the end of each grading period.

HOUSING

All full time freshmen, not living at home, are required to live in the residence halls on campus. Students over twenty-one or married are not included in this regulation. In special cases written permission may be granted by the Dean of Men or the Dean of Women to live off-campus. Students who feel they have a special situation may petition either the Dean of Men or the Dean of Women. In the case of women under twenty-one, special permission will be granted only to live with a close relative.

ALL students are required to report any change of address (temporary or permanent) to the Student Personnel Services Office prior to moving.

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

A. ON-CAMPUS HOUSING: RESIDENCE HALLS

The College maintains three permanent residence halls with accommodations for approximately 450 students. Living conditions are comfortable and conducive to successful academic progress. They also contribute to and encourage participation in the wholesome activities of campus life. The women's residence halls (Morrison and Driscoll) will accommodate approximately 150 students while the new men's residence (Chaffee Hall) is designed to house 300 students.

Morrison and Driscoll halls are virtually identical, with forty-eight single and fifteen double rooms arranged into ten suites of six to eight women each. Chaffee Hall is divided into two separate three-story units of approximately fifty men to a floor living in twenty-four double rooms, two single rooms and a Resident Advisor's room per floor. Both units are connected by enclosed corridors to a Central Lounge and Control Unit that includes a large carpeted formal lounge, recreation area, T.V. lounge, mail boxes, control desk, office, and the Resident Director's apartment. Each floor of Chaffee Hall is in a sense a separate living unit with a small informal lounge, study room, kitchenette, and laundry facilities.

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

Applications for room reservations should be made as early as possible before the opening of the school year. Contracts for residence hall accommodations are for room and board for the ENTIRE academic year. Applications must be made on an official contract form and accompanied by a security deposit of $25.00.

BOARD AND ROOM COSTS: By the semester

MORRISON & DRISCOLL HALLS: women

<table>
<thead>
<tr>
<th></th>
<th>BOARD</th>
<th>ROOM</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>* $245.00</td>
<td>$150.00</td>
<td>$395.00</td>
</tr>
<tr>
<td>Double</td>
<td>$245.00</td>
<td>$135.00</td>
<td>$380.00</td>
</tr>
</tbody>
</table>
Arrangements for the payment of Board and Room fees must be made in advance with the Business Office before any room assignment can be officially confirmed. The application-contract is binding for the entire academic year. Payments, however, are made by the semester. Meal service calendar for the year 1968-69:

- **Fall Semester**—August 19, 1968 through December 21, 1968
  (Except Thanksgiving vacation November 28 through December 1, 1968)
- **Between Semesters**—December 21, 1968 through January 12, 1969,
  (Meal Service will be suspended. The Snack Bar will be closed).
- **Spring Semester**—January 13, 1969 through May 18, 1969
  (Except Spring Vacation March 21 through March 25, 1969)

### B. APPLICATION PROCEDURE

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

**RESIDENCE HALL SECRETARY**
**STUDENT PERSONNEL SERVICES OFFICE**
**BOISE STATE COLLEGE**
1907 College Blvd.
Boise, Idaho 83707

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

1. **A completed application-contract is sent to the Boise State College Business Office with**
   a. A $25.00 Security Deposit. Check or money orders should be made out to "BOISE STATE COLLEGE." This deposit is not to be construed as a partial payment for the cost of room and board. It is held (after assignment) as a damage deposit and is refundable when the student permanently moves out of the residence hall. Security Deposits are forfeited if cancellation of a room assignment is not received prior to August 1st for the Fall semester and January 1st for the Spring semester.
   b. Signature of parent or guardian for students under twenty-one.
2. **After the items above are processed a tentative room assignment is made and the student notified.**
3. **This room assignment is officially confirmed after the student contacts the Business Office to pay or make arrangements for room and board fees.**

### C. OFF-CAMPUS STUDENT HOUSING

All unmarried students under 21 years of age must petition and obtain the written approval of the Dean of Men or the Dean of Women to live off campus. Lists of available housing are on file in these offices. The College does not inspect the accommodations; parents and students must accept full responsibility for the selection. The College recommends that students and parents make written agreements with landlords concerning the obligations and expectations of each party.

Students over 21 years of age and/or married need not obtain approval but are welcome to use the Dean's Housing Lists.

All students are required to report any change of address, both temporary and permanent.

### D. MARRIED STUDENT HOUSING (COLLEGE COURTS)

Eighty-four housing units are available for married students. Rates for apartments are $55.00 to $60.00 for one bedroom $65.00 for two bedroom and
$70.00 for three bedroom. (Charges are subject to change without notice.) Electric refrigerators and ranges are installed in each apartment. Coin-operated washing machines and dryers are located on the site. Heat, water, hot water, and garbage disposal are furnished. Other facilities are not furnished.

Applications for these units should be made directly to "Married Student Housing Office Student Personnel Services, Boise State College." A $50.00 security deposit is required. If notification for a cancellation of a reservation is not received by August 1, the security deposit is forfeited and no longer refundable.

**COLLEGE HEALTH SERVICE**

All students are required to file a completed physical examination form before they are admitted to Boise State College for the first time. The medical examination form is included in the student's Application for Admission packet or brochure.

Limited medical care is provided at the Student Health Center located between the new Student Union and the Residence Halls. Medical care is available between the hours of 8 A.M. to 12 noon and from 1 P.M. to 4 P.M., Monday through Friday for minor ailments and injuries. The Health Service is closed during normal vacation periods and between semesters.

All full-time students are required to participate in the Student Health and Accident Insurance Program which provides coverage on or off the campus from the beginning to the end of each semester. The health and accident insurance provides for liberal hospitalization, medication and laboratory services, as well as a major portion of medical and surgical fees.

The treatment of pre-existing illnesses is not included in either program. The responsibility for providing any special care required by a physically handicapped student rests with that student and/or with his parents or guardian.

**GUIDANCE PROGRAMS**

The guidance program at Boise State College is coordinated by the School of Education and is designed to reach every student. Regardless of the nature of his problems, the student at Boise State College is afforded the opportunity to discuss them with a faculty advisor of his choice, personnel dean, or with a professional counsellor.

The student in need of vocational guidance finds at his disposal the services of a specialist at no extra cost. In addition to knowledge gained from the entrance tests, taken before his registration, information is available through tests that range from inventories of his interest to measures of his various aptitudes and abilities.

Each full-time student is required to take the standard American College Testing program test battery before entering Boise State College as a first-time freshman. Students who take these tests during their senior year in high school will not be retested at the College.

All tests are used for guidance and placement rather than for selective admission.

**PLACEMENT SERVICE**

**A. SENIOR PLACEMENT**

The Boise State College Placement Services' primary purpose is to assist all students, as well as Seniors, in obtaining interviews with prospective employers. Seniors are requested to register early during the first semester of their senior year in order to participate in employer interviews throughout the year. Candidates from the School of Education are required to file a ten dollar fee when they register with the Placement Service.

**B. GENERAL PLACEMENT**

All students seeking information concerning various careers and professions, are welcome to use the facilities of the Placement Service.
Part-time as well as permanent employment opportunities are available to all students upon request. Summer jobs are also listed with the Placement Service and many require an early application during the spring semester.

The initial contact with this service must be made by the student.

**ALUMNI ASSOCIATION**

The Boise State College Alumni Association, incorporated in 1965, is a voluntary organization of all former students and graduates. All members are urged to keep the Alumni office informed about changes in address, employment status, marriages, births, and other information of interest to their fellow class members. The Alumni Office is located in the College Administration building.

**SCHOLARSHIPS**

The Scholarship Awards Committee administers a variety of scholarship funds provided through the generosity of individuals and a number of business, labor, fraternal and professional organizations. Applications for scholarships may be secured from the Director of Financial Aids and should be completed and returned to the Chairman of the Scholarship Awards Committee by March 15th of the preceding year. A student will be considered for all awards for which he is qualified through one application.

A listing of available scholarships may be found near the back of the catalog.

**LOAN FUNDS**

Students needing financial assistance to take care of college expenses may borrow from one of the student loan funds. Application forms are available in the Director of Financial Aids Office, Administration Building, and should be filed a week in advance where out of town references are given. Part-time students are not eligible to apply. With few exceptions, loans must be repaid by the end of the semester and are generally limited to $150.00. A 50¢ service charge is made for each loan.

Boise State College students are eligible to participate in the National Defense Student Loan Program as provided in the National Defense Education Act, passed by the Congress of the United States in 1958. Loans may be obtained in the amount of $1,000.00 for each year of full-time enrollment at Boise State College. Need and a superior scholastic average are prerequisites. Interest in the amount of 3% begins to accrue nine months after the student ceases to be a full-time student in an institution of higher education. Actual repayment of principal and interest will be due twelve months after such date of separation. Students training to become teachers will have one-tenth of loan principal and interest cancelled for each year up to and including five full academic years of teaching work.

Boise State College students are eligible to participate in the Federally Insured Loan Program. These application blanks may be secured from any bank which participates in this program.

A listing of available loan funds may be found near the back of the catalog.

**CONDUCT**

Students of the college are considered representatives of the college and are expected to conduct themselves in a manner which will bring credit to the college. Standards of behavior should reflect good taste, courtesy, consideration and respect for the rights and privileges of fellow students. Drinking and gambling are not permitted on the campus or in college-managed facilities.

Being a student at Boise State College does not relieve the student of obedience to society, the laws of the city, state, and nation. Any action taken in a criminal court or juvenile proceeding does not render a student immune from disciplinary action by the college and may be independent thereof.
Disciplinary action for misconduct on or off campus shall include:

1. admonition
2. censure
3. conduct probation
4. disqualification
5. suspension
6. expulsion

Payment of damages may also be assessed.

Admonition and censure are expressions from the administration that the standard of conduct is not being maintained.

Conduct probation is a status of warning signifying that additional disregard for the standard of conduct will constitute grounds for further action by the college.

Disqualification is a disciplinary action which excludes the student from participation in specified activities for a prescribed period of time.

Suspension is a student-faculty committee action terminating registration for a prescribed period of time.

Expulsion is a student-faculty committee action which is a final termination of a student's registration at the institution. Readmittance is possible only by action of the president of the college.

The behavior and activity of students, individually or in groups, shall in no way constitute physical or emotional hazards to other students.

Dishonest conduct is unacceptable. In cases of cheating, a student will be dismissed from the class and a failing grade will be issued. The student must petition the Dean of the School in which he is enrolled and be accepted before the course can be repeated.
ADMISSION REQUIREMENTS TO THE COLLEGE

Applicants for admission must be at least 16 years of age and must present satisfactory evidence of good moral character.

CREDENTIALS

Students applying for admission to Boise State College are required to furnish credentials as follows:

(1) An Application Processing Fee of $10.00 will be assessed for new enrollees to Boise State College (non-refundable).

(2) An original transcript or transcripts of high school credits showing four completed years of school, signed by the principal, superintendent, or other authorized official. Early acceptance may be obtained at Boise State College on the basis of a six-semester high school transcript showing cumulative Grade Point Average of 2.50 (C+) or better assuming other factors in matriculation are satisfactory.

(3) Official transcripts and statements of honorable dismissal from each institution attended after high school graduation.

(4) Personal data on the regular application-for-admission blank.

(5) Complete physical examination on form provided by the College.

(6) Two photographs—billfold size, approximately 2” x 3” (optional).

(7) Character references on form provided by the College if the student is transferring from another college or if he has been out of high school for more than one year.

(8) Official score card from American College Testing Program (ACT). Tests are administered five times each year to high school seniors throughout the nation. Students who miss the regular tests will be tested during registration week for an additional $9.00 fee.

(9) Applicants for Vocational-Technical programs must take the General Aptitude Test Battery (G.A.T.B.) at any State Employment Security Agency. The ACT tests are not required—but recommended—for Vocational-Technical applicants.

(10) Students who plan to enroll in the Nursing, Dental Assistant, Data Processing, or Vocational-Technical programs must arrange for a personal interview with the directors of these programs prior to acceptance.

Blanks for furnishing personal data may be obtained on application to the Director of Admissions. High school and college records should be furnished on the transcript blanks of the institution at which the work was taken. All credentials must be sent directly to the Director of Admissions of the Boise State College at Boise, Idaho, not through the student. Prompt attention to these details will avoid delay in registration.

Permit to Register—Applicants for admission whose credentials have been accepted will be given permission to register for the following semester. Students should plan to have all credentials submitted one month before registration to settle any questions that may arise and to receive by mail a Permit to Register one week before registration. Before a student may register, he must have a permit signed by the Director of Admissions.

Students who complete matriculation after the cut off date must pick up their PERMIT TO REGISTER in the Director of Admissions Office.

Veterans attending under the G.I. Bill of Rights (Chapter 34) or under the War Orphans Act (Chapter 35) must, upon registration, present a Certificate of Eligibility. Those attending under Chapter 31 (Rehabilitation Program) or any other provision of Title 38 United States Code, must present an Authorization of Entrance or be charged tuition and fees. Upon presentation of this Authorization, complete refund will be made.

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

A. ADMISSION AS REGULAR STUDENTS

By Certificate.—Admission to the College is based upon credentials showing graduation from an accredited high school and presentation of 15 acceptable units earned from the ninth grade through the twelfth as listed below under Summary of High School Requirements. Twelve units must have been earned during the tenth, eleventh, and twelfth grades.
A "unit" represents a high school subject taught five times a week in periods of at least 36 weeks. A certificate of secondary school record should be filled out and signed by the superintendent, principal, or other official of the school in which the work was done. It should show the length of each course in weeks, the length of each recitation, and the grades of scholarship attained, including a record of all failures and conditions. All certificates accepted toward admission to Boise State College become the property of the college, and are permanently filed among its records. They cannot be returned to the student.

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

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

(a) Spelling, penmanship, reviews, project work in conjunction with regular courses, and work which is primarily of the nature of extra curricular activities.
(b) Less than one unit in foreign language, shorthand, typing or book-keeping.
(c) Less than one-half unit in any subject.
(d) More than one unit in physical education and one in ROTC or two in ROTC.

Requirements for admission to the College are summarized below. Students planning to attend senior college after completing lower division work should present evidence of having had the high school courses listed under the title of the proposed senior college course. (For provisions to make up high school deficiencies, see page 31).

**SUMMARY OF HIGH SCHOOL REQUIREMENTS**

<table>
<thead>
<tr>
<th>For Basic Lower Division College Curricula</th>
<th>High Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum requirements:</td>
<td>(Units)</td>
</tr>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Algebra</td>
<td>1</td>
</tr>
<tr>
<td>*Plane Geometry</td>
<td>(1)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>2</td>
</tr>
<tr>
<td>Natural Science (from grade 10, 11 or 12)</td>
<td>1</td>
</tr>
<tr>
<td>†Other Academic</td>
<td>2</td>
</tr>
<tr>
<td>Total Academic</td>
<td>10</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
</tr>
<tr>
<td>Total Units</td>
<td>15</td>
</tr>
</tbody>
</table>

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

A transfer student, whether resident or non-resident, should have a minimum accumulative grade point average of 2.00 from all other schools attended prior to being allowed to enter Boise State College. Borderline cases will be decided by the Admissions Committee with the exception of foreign students, who will be counseled by the Foreign Student Advisor. Transfer students must also meet additional requirements for admission to upper division. See page 32.

*For students who do not plan to pursue an academic course in a senior institution or for those who plan to transfer to an institution which does not require geometry from high school, one unit of other academic work will be acceptable.
†General Science is acceptable as an academic unit but not as a natural science.
B. ADMISSION BY EQUIVALENCY CERTIFICATE

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

C. ADMISSION BY EXAMINATION

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

D. ADMISSION AS SPECIAL STUDENT

Persons over twenty-one years of age 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 enter upon the work. Save in very exceptional cases, students will not be admitted directly from the secondary schools to this status. In such cases, the principal of the last high school attended will be consulted. All persons who have not completed secondary school are urged to do so before applying for admission to the College.

Graduates of accredited high schools are expected to qualify for regular undergraduate standing in accordance with the general rules.

A special student is not eligible to become a candidate for graduation until he has satisfactorily met entrance requirements or until he has completed 32 semester hours of work in the college with a grade point average of 2.5 or better.

E. ADMISSION TO VOCATIONAL-TECHNICAL COURSES

Any person who is seriously interested in becoming a skilled craftsman or technician will be admitted to these courses if he complies with all admission requirements and meets the qualifications for the designated program. Graduation from high school is not necessary provided the student has been out of high school at least one complete semester. Certain prerequisite courses are required for various programs, such as one year of high school algebra and one year of high school geometry for entrance to the Drafting and Design or Electronics Technology programs. The College does not admit applicants under eighteen years of age who are attending high school at the time of application. In rare instances, however, a high school student may be admitted provided his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extra-curricular activities must meet regular entrance requirements. (See eligibility requirements). Credits in Vocational Shop or Technical Education courses are not transferable toward an academic degree.

F. ADMISSION WITH ADVANCED STANDING

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

G. ADMISSION WITH DEFICIENCIES IN GROUP REQUIREMENTS

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

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

ADMISSION REQUIREMENTS TO UPPER DIVISION

A. JUNIOR STANDING

A student must have earned 64 acceptable semester credit hours of college-level work before he is classified a junior.

B. UPPER DIVISION COURSES

Upper Division courses are open to a student who:
1. Has completed stated course pre-requisites and
2. Is not on academic probation and
3. Has completed 60 semester credits of college work.

A Lower Division student who has 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 Dean of the School in which the course is offered.

C. CONTINUING STUDENTS

Continuing students at Boise State College have first preference in entering the upper division as juniors provided they have earned 64 credit hours of college-level work and have G.P.A.'s of 2.0 or better. Students need not re-apply to the College but must inform the Registrar's Office of their intention to return.

D. FORMER STUDENTS

Former students who have not attended any other accredited higher education institution since leaving and who wish to enter as juniors must:
1. Have earned 64 semester credit hours of college-level work;
2. Have a Grade Point Average of 2.0 or better;
3. Have completed the College's Application for Admission Form;
4. Have physical examination completed and reported on the College's Physical Examination Form if the last physical examination on file at the College is more than four years old.

E. TRANSFER STUDENTS

Transfer students from other colleges and universities who wish to enter as juniors must:
1. Have earned 64 semester credit hours of college-level work;
2. Have a Grade Point Average of 2.0 or better;
3. Have completed the College's Application for Admission Form;
4. Have transcripts from all other accredited higher education institutions previously attended sent directly to the Registrar from the school officials responsible;
5. Have physical examination completed and reported on the College's Physical Examination Form;
6. Have character references on forms provided by the college, completed and sent to the admissions office;
7. Not be under disqualification at another college or university;
8. Submit two 2"x3" recent photographs (no snapshots) (optional).

F. ACCEPTANCE INTO PROGRAM

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

Applicants for admission whose credentials have been accepted will be given permission to register for the following semester. Students should plan to have all credentials submitted one month before registration to settle any questions that may arise and to receive by mail a Permit to Register one week before registration. Before a student may register, he must have a permit signed by the Director of Admissions. The $10.00 application fee must be sent before application material will be processed.

REGULATIONS

A. GRADING SYSTEM

A. Distinguished work—Four quality points per hour.
B. Superior work—Three quality points per hour.
C. Average work—Two quality points per hour.
D. Passing work—One quality point per hour.
F. Failure. No quality points per hour.

Inc. Incomplete may be given in cases where work has been satisfactory up to the last three weeks in the semester. Work not made up within the first half of the semester after the student returns to college automatically becomes a failure unless special extension of time is granted by the instructor and Dean of the School. If an incomplete has been awarded and the student returns after a two years' lapse the automatic F rule does not apply. He may elect to remove the incomplete, re-enroll in the course or allow the incomplete to remain on the record.

W. Official withdrawal during the first four weeks of the semester (including registration week) or while doing passing work. For procedure, see regulations below.

A student who receives a grade below C in a given course may repeat that course in residence to raise his grade, if in the meantime he has not taken an advanced course for which the first course is a prerequisite. If a course is repeated the first grade remains upon the record, but the last grade only is counted in computing the student's grade points.

Grade point average (G.P.A.) is computed by dividing the total number of quality points earned by the total number of semester hours carried.

B. CLASSIFICATION OF STUDENTS

After registration students are classified as Freshmen, Sophomores, Juniors, Seniors and part-time.

Freshman — From 0 semester credits through 27.
Sophomore — From 28 semester credits through 64.
Junior — From 65 semester credits through 96.
Senior — 97 semester credits and over.

A student enrolled for 10 semester hours or more will be considered a full-time student.

A student who is carrying less than 10 credits but has met entrance requirements for regular students will be classified as a part-time student.

C. ATTENDANCE AND ABSENCE FROM CLASS

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

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

A student whose work is of such a character that it appears he cannot continue in the college with profit to himself and credit to the institution may be placed on probation and, subsequently, disqualified. In general, satisfactory performance means orderly progress toward graduation requirements with a cumulative grade point average of 2.0 or better.

Any student whose grade point average is 1.5 or lower following his first semester in college will be placed on probation. A student placed on probation for the second consecutive semester may, after a review of his record, be disqualified and dropped from the college.

A student may be denied permission to re-register in the college if, after at least two semesters, his cumulative grade-point average is twelve points below a grade-point average of 2.0. This calculation is made by multiplying by two the total credit hours in which he has been enrolled and subtracting twelve. If the answer so obtained is not exceeded by the student's total quality points, he will be subject to this regulation. Permission to re-enter may be denied.

A student disqualified for the first time for either of the above reasons may be permitted to re-register by one of the following methods:

1. Permitting a semester to elapse before applying for re-registration.
2. The student must obtain an official Application for Reinstatement form from the Dean of the School under which his major falls. If a student desires special consideration for the Fall Semester, his application must be on file no later than August 12, and no later than January 1 for consideration for the Spring Semester. In very special cases, a student who is disqualified as a result of his Fall Semester performance may have until noon of the first day of the following Spring Semester registration to file an Application for Reinstatement form, if his faculty advisor files a written petition on behalf of the student.

In the case of second or successive disqualifications, a student must follow item 2 above to secure reinstatement.

In either of the above instances, the student will re-register on probationary status.

A student may be dropped from the college rolls at any time his character and conduct are found to be generally unsatisfactory.

The President reserves the right to handle special cases involving probation or dismissal.

Students on probation shall take minimum loads and are not eligible to represent the College in any extra-curricular activities. Students on probation during the second semester shall take a lighter load than formerly and should try other courses as a means of determining their aptitudes.

E. ADMISSION ON PROBATION

Transfer students from other colleges and universities who have failed to clear the probationary provisions outlined above may, upon petition, be granted permission to enroll on probation by the Admissions Committee.

F. WITHDRAWAL

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

Complete Withdrawal from College. A student may officially withdraw from college (all courses) only by securing a withdrawal permit from the Dean of Men or Dean of Women, and having it signed by same. The student then goes directly to the Dean of Student Personnel Services for signature and is then sent to the Registrar. After clearance with the Registrar the student is sent to the Business Office for final clearance.

Withdrawal Grades. If the student withdraws after the first four weeks of the semester (including registration week) he may receive a grade of "W"
only if his work is passing as of the official withdrawal date; otherwise, a
grade of "F" must be awarded. During the last three weeks of the course
(including final examination week) a student may not withdraw from in-
dividual courses or college totally with the grade(s) of "W". In cases where
a strict application of this regulations seems—in the opinion of an instructor,
or advisor, or a student—to work an unreasonable hardship, the matter will
be presented to the Dean of Student Personnel Services. A student who dis-
continues a course without having completed an official withdrawal shall be
awarded a grade of "F".

G. MAXIMUM LOAD

No student shall be allowed to enroll for more than 17 hours without
special permission, unless more hours are specified in his curriculum.

H. COURSE PRE-REQUISITE WAIVER

Specific course pre-requisites may be waived upon written approval of
the Dean of the School in whose area the course is offered.

A student seeking to have pre-requisites waived must justify his request
on the basis of background, education, and experience to the satisfaction of
the Dean of the School.

Upper division students are equally bound by all rules, regulations, and
policies that apply to the other college students regarding petitions, chal-
lenging courses, grading system, eligibility for extracurricular activities,
attendance and absence from class, academic probation and dismissal, admis-
sion on probation, withdrawal from courses or college, and maximum loads.

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.

BOISE STATE COLLEGE GRADUATION REQUIREMENTS

Requirements for graduation are checked in accordance with the require-
ments in one college catalog. A student is not permitted to combine programs
from different catalogs, but he may choose to graduate on the basis of the
catalog of any year in which he has been registered providing that said
catalog was in effect not more than 6 years prior to the year of graduation.

A. ASSOCIATE OF ARTS

Boise State College confers the title of Associate of Arts upon those
students completing a minimum of 64 semester hours with a cumulative grade
point average of 2.0 in the curricula of art or music or who have majors in
other fine arts, the social sciences, or humanities.

Minimum Graduation Requirements for Associate of Arts Degree* (Credits)
A. General College Requirements ............................................ 5-8
  1. Physical Education** ................................................. 2
  2. English Composition ..................................................... 6
     or
  English composition for Advanced Students*** .................. 3
B. Area I Requirements ..................................................... 6
   Not fewer than 6 credits chosen from:
   English offerings other than English Composition
   Foreign Language,
   Fine Arts
C. Area II Requirements ..................................................... 6
   Not fewer than 6 credits from Social Science offerings

*Completion of this curriculum does not necessarily meet upper division requirements in
any specific field in case of transfer to another college or university.
**Two semesters of basic Physical Education Activities with no substitutions are required
for graduation from Boise State College. Exceptions will be made for veterans (cleared by
the Registrar to receive Basic Training credits,) married women over 20 years of age, and
students upon waiver from the Boise State College Physician (waiver must be secured by the
student during the semester covered by the waiver.)
***Completion of English Composition for Advanced Students, E-105 with a grade of C or
better fulfills the English Composition Requirement.
D. Area III Requirements .................................................. 6
Not fewer than 6 credits from Natural Sciences and/or mathematics offerings.
E. Other Requirements ...................................................... 6
An additional 6 credits credits from any of the Area I, II, or III offerings.

B. ASSOCIATE OF SCIENCE
Boise State College confers the title of Associate of Science upon those students completing a minimum of 64 semester hours with a cumulative grade point average of 2.0 in one of the professional or pre-professional curricula; see specific requirements within appropriate school listings.
Minimum Graduation Requirements for Associate of Science (Credits)
A. General College Requirements ........................................ 5-8
1. Physical Education* .................................................. 2
2. English Composition .................................................. 6
   or
   English Composition for Advanced Students** ....................... 3
B. Associate of Science Core ............................................. 18
Six credits in each of three of the following groups:
1. Humanities
   English offerings other than English Composition
   Foreign Language
   Fine Arts
2. Social sciences
3. Natural science and/or mathematics
4. Business
5. Home Economics
C. Other Requirements .................................................. 6
An additional 6 credits in any one of the 3 groups chosen for B. above.

C. DIPLOMA
A diploma is granted to any student completing 64 semester hours of work for which the College gives credit. These must include two hours of physical education activities* and six hours of English composition or Communication Skills. Semi-professional courses meet the requirements for a diploma. A cumulative grade point average of 2.0 or better is required.
Vocational-Technical Education students are not required to take the two hours of physical education activities to qualify for a diploma.

D. BACCALAUREATE DEGREES
MINIMUM GRADUATION REQUIREMENTS FOR ALL BACCALAUREATE DEGREES
I. General College Requirements (minimum)
   A. Total credit hours .................................................. 128
      Must include:
      1. Physical Education* ........................................... 2
      2. English Composition .......................................... 6
         or
         English Composition for Advanced Students** ................. 3
      3. 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.
   C. A minimum of 15 credit hours of electives outside of the major field.

*Two semesters of basic Physical Education Activities with no substitutions are required for graduation from Boise State College. Exceptions will be made for veterans who are cleared by the Registrar to receive Basic Training credits in lieu of Physical Education and Health and for those presenting to the Registrar a waiver signed by the Boise State College Physician. The waiver must be secured by the student during the semester covered by the waiver. Further exemptions will be made for married women over 20 years of age.
**Completion of English Composition for Advanced Students, E-105 with a grade of C or better fulfills the English Composition requirement.
III. Minimum Credit Hours in Residence

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

IV. Extension and Correspondence Courses

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

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

**BACHELOR OF ARTS DEGREE**

**Minimum Requirements (Credits)**

<table>
<thead>
<tr>
<th>Section</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>General College Requirements</td>
<td>5-8</td>
</tr>
<tr>
<td></td>
<td>1. Physical Education</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>2. English Composition</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>or English Composition for Advanced Students</td>
<td>3</td>
</tr>
<tr>
<td>B.</td>
<td>Area I Requirements</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>1. Literature</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2. Other Courses</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>a. Introduction to Humanities sequence, or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Two of the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction to Music*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction to Art</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction to Drama</td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td>Area II Requirements</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>1. Lower Division History Sequence</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2. Other courses</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Not fewer than 6 credits chosen from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Political Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sociology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td>Area III Requirements</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>1. A years sequence chosen from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Biological Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Additional credits chosen from a field other than used to satisfy D.1.</td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td>Additional Requirements in one of the following options:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Option A</td>
<td>3-11</td>
</tr>
<tr>
<td></td>
<td>a. Foreign Language</td>
<td>0-8</td>
</tr>
<tr>
<td></td>
<td>A years sequence of a Foreign Language or equivalent.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Introduction to Philosophy or Ethics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Option B</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>a. Two semesters in a single Area II field other than History.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Additional hours in Area II fields, to include at least one course in a third field.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Option C</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>a. Foreign Language</td>
<td>0-8</td>
</tr>
<tr>
<td></td>
<td>A years sequence of a Foreign Language or equivalent.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Additional hours in Area II fields.</td>
<td></td>
</tr>
<tr>
<td>F.</td>
<td>Departmental Major.</td>
<td></td>
</tr>
<tr>
<td>G.</td>
<td>In addition to the above Degree requirements, a minimum of 15 credit hours is required for graduation in electives outside the major field.</td>
<td></td>
</tr>
</tbody>
</table>

*Music majors will substitute Music Literature for Introduction to Music.*
# BACHELOR OF SCIENCE DEGREE

## Minimum Requirements (Credits)

### A. General College Requirements
1. Physical Education ................................. 2
2. English Composition ............................... 6
   or
   English Composition for Advanced Students ....... 3

### B. Area I Requirements
1. Literature ........................................... 6
2. Other courses ........................................ 6
   Not fewer than 6 credits chosen from:
   a. Introduction to Humanities sequence, or
   b. Two of the following:
      - Introduction to Music
      - Introduction to Art
      - Introduction to Drama
      - Introduction to Philosophy or Ethics

### C. Area II Requirements
1. Lower Division History Sequence ................. 6
2. Other courses ....................................... 6
   Not fewer than 6 credits chosen from:
   - Political Science
   - Sociology
   - Anthropology
   - Psychology
   - Economics
   - Geography

### D. Area III Requirements
1. One sequence chosen from:
   - Biological Science
   - Mathematics
   - Physical Science
2. Additional credits chosen from a field other than used to satisfy D.1.

### E. Additional Requirements in one of the following options:

- **Option A** ........................................... 12
  - Credits from Area III to include a sequence other than that used to satisfy D.1. above.

- **Option B** ........................................... 12
  a. A year's sequence of a Foreign Language or equivalent
  b. Additional hours from Area III

### F. Departmental Major

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

---

# BACHELOR OF BUSINESS ADMINISTRATION DEGREE

## Minimum Requirements (Credits)

### A. General College Requirements
1. Physical Education ................................. 2
2. English Composition ............................... 6
   or
   English Composition for Advanced Students ....... 3

### B. Area I Requirements
1. Literature ........................................... 6
2. Other courses ....................................... 3
   Not fewer than 3 credits selected from:
   - Introduction to Music
   - Introduction to Art
   - Introduction to Drama

---

*Kinesiology and Physiology of Exercise may be accepted as a part of the Area III requirement for Physical Education Majors.*
Graduation

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.</td>
<td>Area II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Lower</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Division</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Other</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>course</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not fewer</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>than 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>selected</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Political</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sociology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Not</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>fewer than</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 additional</td>
<td></td>
</tr>
<tr>
<td></td>
<td>credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>selected</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the areas</td>
<td></td>
</tr>
<tr>
<td></td>
<td>in C.1. and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C.2. above</td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td>Area III</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A years</td>
<td></td>
</tr>
<tr>
<td></td>
<td>sequence</td>
<td></td>
</tr>
<tr>
<td></td>
<td>chosen</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Biological</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td>A major in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Accounting,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aviation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Management,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Business</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Education,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Business,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Marketing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Office</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Administration.</td>
<td></td>
</tr>
<tr>
<td>F.</td>
<td>In addition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to the above</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Degree</td>
<td></td>
</tr>
<tr>
<td></td>
<td>requirements,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>a minimum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>of 15 credit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>hours is</td>
<td></td>
</tr>
<tr>
<td></td>
<td>required</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for graduation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>in electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>outside of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the major</td>
<td></td>
</tr>
<tr>
<td></td>
<td>field.</td>
<td></td>
</tr>
</tbody>
</table>

**BACHELOR OF MUSIC DEGREE**

**Minimum Requirements (Credits)**

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>General</td>
<td>5-8</td>
</tr>
<tr>
<td></td>
<td>College</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Physical</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Education</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. English</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for Advanced</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Students</td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td>Area I</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Literature</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2. Other</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No fewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>than 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>selected</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Literature</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to Art</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to Drama</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to Humanities</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to Philosophy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Ethics</td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td>Area II</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Lower</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Division</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Other</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No fewer</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>than 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>selected</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Political</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sociology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geography</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. No fewer</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>than 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>selected</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the areas</td>
<td></td>
</tr>
<tr>
<td></td>
<td>listed in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C.1. and C.2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>above</td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td>Area III</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Education</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Majors with</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Instrumental</td>
<td></td>
</tr>
<tr>
<td></td>
<td>emphasis will</td>
<td></td>
</tr>
<tr>
<td></td>
<td>take a years</td>
<td></td>
</tr>
<tr>
<td></td>
<td>sequence</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Biological</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. All others</td>
<td></td>
</tr>
<tr>
<td></td>
<td>will take a</td>
<td></td>
</tr>
<tr>
<td></td>
<td>years sequence of a Foreign Language.</td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td>A major in</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Music.</td>
<td></td>
</tr>
<tr>
<td>F.</td>
<td>In addition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>to the above</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Degree</td>
<td></td>
</tr>
<tr>
<td></td>
<td>requirements,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>a minimum of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15 credit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>hours is</td>
<td></td>
</tr>
<tr>
<td></td>
<td>required</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for graduation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>in electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>outside of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>the major</td>
<td></td>
</tr>
<tr>
<td></td>
<td>field.</td>
<td></td>
</tr>
</tbody>
</table>
BACHELOR OF FINE ARTS DEGREE*

Minimum Requirements (Credits)

A. General College Requirements
   1. Physical Education ................................................... 2
   2. English Composition .................................................. 6
      or
      English Composition for Advanced Students ...................... 3

B. Area I Requirements
   1. Literature ..................................................................... 6
   2. Other courses ............................................................. 3
      No fewer than 3 credits selected from:
      Introduction to Music
      Introduction to Drama
      Introduction to Humanities
      Introduction to Philosophy or Ethics

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

D. Area III Requirements
   A years sequence chosen from the following:
      Biological Science
      Mathematics
      Physical Science

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

BACCALAUREATE DEGREE PROGRAMS

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

ACCOUNTING
ART
ART, SECONDARY EDUCATION OPTION
COMMERCIAL ART
AVIATION MANAGEMENT
BIOLOGY
BIOLOGY, SECONDARY EDUCATION OPTION
BUSINESS EDUCATION
GENERAL BUSINESS
INDUSTRIAL BUSINESS
OFFICE ADMINISTRATION
CHEMISTRY
CHEMISTRY, SECONDARY EDUCATION OPTION
CRIMINOLOGY
EARTH SCIENCE
ELEMENTARY EDUCATION
ENGLISH
ENGLISH, SECONDARY EDUCATION OPTION
ENVIRONMENTAL HEALTH
HISTORY
HISTORY, SECONDARY EDUCATION OPTION

*A candidate for the BFA degree must have Art Department approval during his Junior year.
## Graduation

### MARKETING
- MATHEMATICS, SECONDARY EDUCATION OPTION
- MEDICAL-TECHNOLOGY
- MUSIC, SECONDARY EDUCATION OPTION
- PHYSICAL EDUCATION, SECONDARY EDUCATION OPTION
- PRE-MEDICAL STUDIES
- PSYCHOLOGY
- PUBLIC ADMINISTRATION
- SOCIAL SCIENCE
- SOCIAL SCIENCE, SECONDARY EDUCATION OPTION
- SOCIAL SCIENCE, SOCIAL WORK OPTION
- SPANISH
- SPEECH-DRAMA
- SPEECH-DRAMA, SECONDARY EDUCATION OPTION

### COURSE NUMBERING SYSTEM CODE

The course numbering system code uses one or two letters to indicate courses within specific areas of interest. In many cases the letters used will suggest the courses indicated but should not be considered abbreviations. Areas of interest may be grouped by departments within the schools of instruction but not in all cases. The number in parenthesis following each area of interest code shows the previously used code number—refer to Boise College Catalog 1967-68.

### I. School of Arts and Sciences

#### Division of Arts and Letters
- **AR** Art (16)
- **DR** Drama, Theater, Radio, TV (18)
- **J** Journalism (26)
- **SP** Speech (34)
- **E** English Composition (20)
- **HU** Humanities (24)
- **L** Literature (28)
- **HY** History (70)
- **LI** Linguistics (29)
- **F** French (29)
- **G** German (28)
- **S** Spanish (33)
- **MA** Music, Applied (30)
- **MU** Music, General (29)
- **AN** Anthropology ( )
- **GG** Geography (79)
- **PY** Philosophy (72)
- **PO** Political Science (74)
- **SO** Sociology (78)
- **SW** Social Work (77)

#### Division of Science and Health
- **B** Biology (38)
- **BT** Botany (39)
- **FS** Forestry (41)
- **HE** Home Economics (48)
- **Z** Zoology (50)
- **C** Chemistry (53)
- **ES** Earth Science (57)
- **GO** Geology (58)
- **M** Mathematics (59)
- **EN** Engineering (55)
- **PS** Physical Science (71)
- **PH** Physics (68)
- **EH** Environmental Health ( )
- **MR** Medical Record Librarian ( )

**MT** Medical Technology (44)

**RN** Registered Nursing (45)

### II. School of Business & Public Administration
- **AC** Accounting (01)
- **AV** Aviation ( )
- **BE** Business Education (02)
- **CR** Criminology (67)
- **DP** Data Processing (06)
- **EC** Economics (03)
- **FI** Finance (04)
- **GB** General Business (05)
- **MG** Management (09)
- **MK** Marketing, General (10)
- **MM** Marketing, Mid-Management (11)
- **OA** Office Administration (13)
- **PA** Public Administration ( )

### III. School of Education
- **TE** Teacher Education (68)
- **PE** Physical Education (47)
- **P** Psychology (76)
- **LS** Library Science (71)

### IV. Area Vocational Technical School
- **VO** Vocational Courses, General (81)
- **AB** Auto Body (82)
- **AT** Auto Mechanic Technology (84)
- **CP** Computer Programming (06)
- **DA** Dental Assisting (37)
- **DD** Drafting and Design (90)
- **ET** Electronic Technician (91)
Courses within the major code groups are assigned on the basis of the following:

000-099  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
PART III

School of Arts & Sciences

Division of Arts & Letters

DEPARTMENTS AND FACULTY
OBJECTIVES
PROGRAM OFFERINGS
CREATIVE WRITING, PUBLICATION ACTIVITIES
DEGREE PROGRAMS
COURSE OFFERINGS

Division of Science & Health

DEPARTMENTS AND FACULTY
OBJECTIVES
DEPARTMENT OFFERINGS
BIOLOGY AND HOME ECONOMICS
CHEMISTRY AND EARTH SCIENCE
MATHEMATICS
PHYSICS ENGINEERING AND PHYSICAL SCIENCE
HEALTH SERVICE
NURSING
COURSE OFFERINGS
School of Arts and Sciences

DEAN: Joseph P. Spulnik, Ph.D.

DIVISION OF ARTS AND LETTERS
CHAIRMAN: WILLIAM E. SHANKWEILER, Ph.D.

Departments and Faculty

DEPARTMENT OF ART: D. Oravez, Acting Chairman
Professors:
Associate Professors:
Assistant Professors: L. Cromwell, D. Oravez
Instructors: H. Huff, A. Skov, C. Smith, A. Kober, J. Takehara

DEPARTMENT OF COMMUNICATION ARTS: J. Warwick, Acting Chairman
Professors: W. Shankweiler
Associate Professors:
Assistant Professors: H. Pitman, J. Smead, J. Warwick
Instructors: R. Dewey, R. Krempitz

DEPARTMENT OF ENGLISH: J. Barsness, Chairman
Professors: J. R. Schwartz, J. Barsness, W. Chatterton, W. Bronson
Associate Professors: E. Wallace, J. Woodworth
Assistant Professors: J. Beckwith, A. Crooks, P. McCauslin
M. Peek, G. Selander, R. Snively, D. Townsend, D. Boyer

DEPARTMENT OF HISTORY: Dr. H. Lovin, Chairman
Professors: J. Caylor, H. Lovin
Associate Professors: C. Gould, G. Barrett, W. Vinz
Assistant Professors: J. Seward, P. Armstrong, R. Sylvester
Instructors: W. Babcock

DEPARTMENT OF FOREIGN LANGUAGES: Dr. L. Valverde, Chairman
Professors: W. Klatte
Associate Professors: R. deNeufville, L. Valverde
Assistant Professors: E. Torbet
Instructors:

DEPARTMENT OF MUSIC: G. Bratt, Chairman
Professors: C. G. Bratt
Associate Professors: J. Best, C. Meyer, C. Gould
Assistant Professors: G. Standing, M. Shelton
Instructors: A. Marshall, D. Oakes

DEPARTMENT OF SOCIAL SCIENCES: Dr. D. Wilson, Acting Chairman
Professors: M. Collins
Associate Professors: D. Wilson
Assistant Professors: W. Fung, A. Peterson, I. Wilcox
Instructors: R. Corbin, V. Cox, P. Dorman
DIVISION OF ARTS AND LETTERS

Philosophy and Objectives
The Division believes that the purpose of men's lives is to know, to search, and to achieve, and that knowledge is the indispensable condition of the good life of free men. It provides, therefore, an opportunity for each student to share in the accumulated experience of men of all times and places and thus become more fully able to share the inherited wisdom and satisfactions of man.

The Division not only hopes to lead each student to an interest in and basic knowledge of the matter traditional to its major divisions of study, but also to stimulate students to exercise their creative powers to range beyond the known: to dream a better possible human condition and devise ways of moving toward it. To this end we hope to encourage our students to be curious and wisely skeptical, learning that inquiry and intelligent doubt are often the first steps toward creation and achievement.

The Division, finally, hopes that each student will achieve a fuller understanding of the nature and potential of his own humanity through which he can know and respond to the humanity of others.

PROGRAM OFFERINGS
The Division of Arts and Letters offers programs leading to the degrees of:

Bachelor of Arts: Art, General; Art Education; Commercial Art; English; English, Secondary Education; History; History, Secondary Education; Music, Applied; Music Theory and Composition; Social Science; Social Science, Secondary Education; Social Work; Speech-Drama; Speech-Drama, Secondary Education

Bachelor of Science: (History, Secondary Education majors may, under certain circumstances, elect this degree.)

Bachelor of Fine Arts: Art, General; Art Education; Commercial Art

Bachelor of Music: Music, Applied; Music Education; Music Theory and Composition

Within certain majors, students may elect various areas of emphasis. The student should work closely with his advisor in deciding which area of emphasis is right for him.

CREATIVE WRITING PUBLICATION
Within the school, the Department of English offers a chance for students to improve their creative, literary skills by studying under producing authors in classes aimed to increase the student's abilities, both critical and creative. Each year the school publishes "Impulse," a magazine designed to display the best efforts of both the faculty and student body of Boise State College, as a joint effort of the Departments of Art and English.

ACTIVITIES
Membership in the various groups and organizations engaged in extra-curricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements. Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and intercollegiate offerings of the Department of Speech including Debate, Radio Broadcasting, Reader's Theatre, and productions of plays from both the classical and modern repertoires in the college's unique Subal theatre; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. In addition, each year students from the Department of Social Sciences participate in the Model United Nations Seminar held, usually, in San Francisco. Students may also join in an "American Heritage Tour" presented by the college each summer.
DEGREE PROGRAMS
REQUIREMENTS FOR ART MAJOR
Bachelor of Arts Degree
General Art, Art Education, Commercial Art

I. General Art-Bachelor of Arts Program
1. General College and Basic Core Requirements 47-55
2. Art Major Requirements 44-44
   - Painting 14
   - Drawing 8
   - Design 4
   - Art History 4
   - Ceramics or Sculpture 4
   - Printmaking 3
   - Crafts 2
   - Lettering 2
   - Senior Project 2
3. Electives 37-29
   Total: 128-128

II. Art Education-Bachelor of Arts Program
1. General College and Basic Core Requirements 47-55
2. Art Major Requirements 42-42
   - Painting 10
   - Watercolor 2
   - Drawing 4
   - Design 4
   - Ceramics or Sculpture 4
   - Printmaking 3
   - Crafts 2
   - Lettering 2
   - Senior Project 3
3. Education Requirements for State Certification 20-20
   - Introduction to Education 2
   - Foundations of Education 3
   - Secondary School Methods 3
   - Educational Psychology 3
   - Art Methods in the Secondary Schools 3
   - Secondary Student Teaching 6
4. Electives 19-11
   Total: 128-128

III. Commercial Art-Bachelor of Arts Program
1. General College and Basic Core Requirements 47-55
2. Art Major Requirements 52-52
   - Commercial Art 10
   - Painting 8
   - Drawing 6
   - Watercolor 4
   - Design 4
   - Lettering and Layout 4
   - Photo Lithography 6
   - Art History 4
   - Printmaking 3
   - Creative Photography 3
3. Electives 29-21
   Total: 128-128
# REQUIREMENTS FOR ART MAJOR

## Bachelor of Fine Arts Degree

### General Art, Art Education, Commercial Art

#### I. General Art-Bachelor of Fine Arts Degree-Drawing and Painting Emphasis

1. General College and Core Requirements ............................................. 34
2. Art Major Requirements ................................................................. 65
   - Painting ................................................................. 14
   - Drawing ................................................................. 14
   - Art History .................................................................. 10
   - Water Color ............................................................... 4
   - Design ........................................................................ 4
   - Printmaking ................................................................. 3
   - Sculpture .................................................................... 2
   - Ceramics ..................................................................... 2
   - Crafts .......................................................................... 2
   - Lettering ..................................................................... 2
   - Senior Project ............................................................... 3
   - Art Electives ................................................................. 5
3. Professional Electives ................................................................. 29

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

#### II. General Art-Bachelor of Fine Arts Degree—Sculpture and Ceramics Emphasis

1. General College and Basic Core Requirements ................................. 34
2. Art Major Requirements .................................................................. 65
   - Sculpture ....................................................................... 10
   - Ceramics ....................................................................... 10
   - Art History ..................................................................... 10
   - Painting ......................................................................... 8
   - Drawing ......................................................................... 8
   - Crafts ............................................................................ 4
   - Design ............................................................................ 4
   - Lettering ........................................................................ 2
   - Senior Project .................................................................. 3
   - Art Electives ................................................................. 6
3. Professional Electives .................................................................. 29


#### III. Art Education-Bachelor of Fine Arts Degree—Drawing and Painting Emphasis

1. General College and Core Requirements ................................. 34
2. Art Major Requirements .................................................................. 65
   - The art major requirements for the art education option are the same as those for the general art option in both areas of emphasis.
3. Education Requirements for State Certification ................................. 20
   - Including Secondary Art Methods
   - Introduction to Education .................................................. 2
   - Foundations of Education .................................................. 3
   - Secondary School Methods .................................................. 3
   - Educational Psychology ....................................................... 3
   - Art Methods in the Secondary Schools .................................. 3
   - Secondary Student Teaching ................................................ 6
4. Professional Electives ................................................................. 9

| Arts and Letters | 47 |
IV. Commercial Art — Bachelor of Fine Arts Degree — Commercial Art Emphasis

1. General College and Core Requirements ........................................... 34
2. Art Major Requirements
   Commercial Art ........................................................................... 10
   Painting ......................................................................................... 14
   Drawing ......................................................................................... 8
   Water Color .................................................................................. 4
   Design ......................................................................................... 4
   Sculpture, Ceramics or Crafts ......................................................... 4
   Lettering and Layout ..................................................................... 4
   Art History .................................................................................... 4
   Creative Photo .............................................................................. 3
   Printmaking .................................................................................. 3
   Art Electives .................................................................................. 7
3. Professional Electives ....................................................................... 29

128

Recommended professional electives:

ART MAJOR
Lower Division—All Degrees
(Suggested Program)

I. General Art

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Design</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elem Drawing</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elem Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Art History</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Lettering</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>*Lettering and Layout</td>
<td>0</td>
<td>(2)</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>History (Area II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Activity</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>15-17</td>
</tr>
</tbody>
</table>

Sophomore Year

<table>
<thead>
<tr>
<th></th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Music or Drama (Area I)</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Social Science (Area II)</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Lab Science or Mathematics (Area III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

II. Art Education

<table>
<thead>
<tr>
<th>Freshman year (see General Art Freshman Year)</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Education</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Soc Sci (Area II)</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Intro to Music or Drama</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Lab Science or Mathematics (Area III Sequence)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

*Commercial Art Majors Only.*
### III Commercial Art

**Freshman year (see General Art Freshman year)**

<table>
<thead>
<tr>
<th>Sophomore year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
</tr>
<tr>
<td>Advertising Design</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Music or Drama</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>0</td>
</tr>
<tr>
<td>Lab Science or Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

### REQUIREMENTS FOR SPEECH DRAMA MAJOR

**Bachelor of Arts Program**

1. **General college requirements**
   - English Composition: 6 credits
   - Physical Education: 2 credits
   - **Total:** 8 credits

2. **Area I requirements**
   - Literature Elective: 6 credits
   - Humanities (Intro to Art or Music): 3 credits
   - Dramatic Literature: 3 credits
   - **Total:** 12 credits

3. **Area II requirements**
   - History of Western Civ.: 6 credits
   - General Psychology: 3 credits
   - Social Science Elective: 3 credits
   - **Total:** 12 credits

4. **Area III requirements**
   - Laboratory Science: 8 credits
   - Laboratory Science: 4 credits
   - **Total:** 12 credits

5. **Other requirements**
   - Foreign Language: 8 credits
   - Philosophy Elective: 3 credits
   - **Total:** 11 credits

### Major Subject Requirements

#### Drama Emphasis

- Acting: 6 credits
- Tech of Theater: 6 credits
- Theater Speech: 3 credits
- Theater Movement: 2 credits
- Directing: 6 credits
- Period Plays: 6 credits
- Seminar: 2 credits
- Practicums: 6 credits
- Major Production: 4 credits
- **Total:** 41 credits

(U.D. = 44 min.)

#### Forensics and Public Address Emphasis

- Speech: 3 credits
- Voice & Diction: 3 credits
- Argument & Debate: 6 credits
- Inter Speech: 3 credits
- Oral Interpretation: 6 credits
- Rhetoric: 3 credits
- Public Address: 6 credits
- Speech Analysis: 2 credits
- Discussion: 3 credits
- Speech Electives: 3 credits
- Speech Seminar: 2 credits
- Practicum: 3 credits
- **Total:** 43 credits

- Dramatics Electives: 12 credits
- Electives: 18 credits
- **Total:** 30 credits
Speech-Drama, Secondary Education Emphasis

Speech .................................................. 3
Voice & Diction ........................................ 3
Elec (Sp or Dr) ....................................... 21
Directing ................................................. 3
Interpretation ......................................... 6
Discussion ............................................... 3
Seminar .................................................. 2

Education ............................................... 21
Shakespeare ............................................. 3
Contemp. Drama ...................................... 3
Electives ............................................... 5

(U.D. = 46)

SPEECH-DRAMA MAJOR
Bachelor of Arts Program
(Suggested Program)

DRAMA EMPHASIS

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</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>Lab. Science</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Fund. of Speech</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>General Psychology</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elect.</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Voice and Diction</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Acting</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Dramatic Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Acting Period Plays</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Ethics</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

(Sophomore Year:)

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>World Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Western Civ.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Technical Theater</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Design and Comp.</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Theatre Speech</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Theatre Movement</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Social Sci. Elect.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Directing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Major Production</td>
<td>(1-4)</td>
<td></td>
</tr>
<tr>
<td>Speech Seminar</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Tech Practicum</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Directing Practicum</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

FORENSICS AND PUBLIC ADDRESS EMPHASIS

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>English Comp.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Lab. Science</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Fund. of Speech</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>General Psychology</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Drama</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Voice and Diction</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Argument and Debate</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Oral Interp.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Advan. Oral Interp.</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Speech Elective</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Rhetoric</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Ethics</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>World Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Western Civ.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Drama Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermed. Speech</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>History of Pub. Add.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Contemp. Amer. Add.</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Speech Anal. &amp; Impr.</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Discussion</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>
### REQUIREMENTS FOR ENGLISH MAJORS

**Bachelor of Arts Degree**

I. Completion of general college requirements for Bachelor of Arts. See Page 37.

II. Competence in a Foreign Language equivalent to that gained by 2 years of college instruction.

III. Specific English Major Requirements . 45 credits

A. Survey of British Literature .......... 6 credits
B. Expository Composition ............. 3 credits
   (This requirement may be waived on the written recommendation of an English Major's first semester of Survey of British Literature instructor).
C. Methods and Theories of Literary Criticism .. 3 credits
D. Shakespeare .......................... 3 credits
E. Pre-1800 British Literature .......... 6 credits
F. Post 1800 British Literature .......... 6 credits

IV. Liberal Arts and Secondary Education Options

A. Liberal Arts Option
1. History of the English Language or Introduction to Linguistics ........ 3 credits
2. English Electives, 3 of which must be American Literature credits .......... 15 credits

B. Secondary Education Option
1. Advanced Grammar ........................ 3 credits
2. Oral Interpretation ........................ 3 credits
3. Speech for Teachers ........................ 3 credits
4. Methods of Teaching Secondary School English .......................... 3 credits
5. English Electives, 3 credits of which must be in American Literature courses .. 6 credits
REQUIREMENTS FOR HISTORY MAJOR

Bachelor of Arts Program

I. Liberal Arts Option

1. General College and Basic Core requirements to include:
   - Federal Government ........................................ 3
   - Foreign Language or equivalent .............................. 8

2. History requirements:
   - A. Lower Division Courses .................................. 12 credits
      - History of Western Civilization ......................... 6
      - U. S. History ........................................... 6
   - B. Upper Division Courses (a minimum of)
      to include .................................................. 24 credits
      - The Study and Methods of History .................... 2
      - History Seminar ......................................... 2

3. Electives ....................................................... 22-36 credits

II. Secondary Education Certification Option

1. General College and Basic Core requirements to include:
   - Federal Government ......................................... 3

2. History requirements:
   - A. Lower Division Courses ..................................
   - B. Upper Division Courses (a minimum of)
      to include ..................................................
      - The Study and Methods of History ....................
      - American History Elective ............................

3. Educational requirements for State Certification
   for Secondary Education ....................................

4. Electives .....................................................

III. History Minor Option

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

HISTORY MAJOR

Bachelor of Arts Program

(Suggested Program)

I. Liberal Arts Option

A. American History Emphasis

<table>
<thead>
<tr>
<th></th>
<th>1st Year</th>
<th>2nd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Year:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History of Western Civ.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>English Comp.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Lab. Science or Math.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>1st Year</th>
<th>2nd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sophomore Year:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>American Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Humanities requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

Junior Year:

<table>
<thead>
<tr>
<th></th>
<th>1st Year</th>
<th>2nd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study &amp; Methods of Hist.</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Hist. of England or Amer.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>American Hist. Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

Senior Year:

<table>
<thead>
<tr>
<th></th>
<th>1st Year</th>
<th>2nd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>History Seminar</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>History Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>European History Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>International Relations</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Comparative Government</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>
### B. European History Emphasis

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem.</td>
<td>Sem.</td>
<td></td>
</tr>
<tr>
<td>History of Western Civil.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Lab. Science or Math.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

**Sophomore Year:**

<table>
<thead>
<tr>
<th></th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Humanities requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

### II. Secondary Education Option

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem.</td>
<td>Sem.</td>
<td></td>
</tr>
<tr>
<td>History of West. Civil.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Lab. Science or Math.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Education</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>State and Local Govm'nt</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

**Sophomore Year:**

<table>
<thead>
<tr>
<th></th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Humanities requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

### REQUIREMENTS FOR SPANISH MAJOR

**Bachelor of Arts Program**

**I. Liberal Arts Option**

1. General College and Basic Core requirements to include:
   - Introduction to World Literature 6
   - Second Foreign Language sequence 8
2. Other requirements
   - Advanced Grammar 3
   - History of the Americas 6
3. Spanish requirements
   - A. Lower Division (unless equivalent work has been done in high school) 16
   - B. Upper Division 20
4. Electives 27 credits

**II. Secondary Education Certificate Option**

Courses are available which will apply toward meeting the requirements of this major. For information, consult the Foreign Language Department.
SPANISH MAJOR
Bachelor of Arts Program

(Suggested Program)

1st 2nd 1st 2nd

**Freshman Year:**
- Elementary Spanish 4 4
- English Composition 3 3
- U.S. History 3 3
- Lab. Science or Math 4 4
- Physical Ed. Activities 1 1

**Sophomore Year:**
- Intermediate Spanish 4 4
- Introduction to World Lit. 3 3
- Introduction to Philosophy 3
- General Psychology or Introduction to Sociology — 3
- Laboratory Science 4 4
- Electives (Humanities) 3 3

**Junior Year:**
- Spanish Conversation and Composition 2 2
- Spanish Survey of Lit. 3 3
- Second Foreign Language 4 4
- Advanced Grammar — 3
- History of the Americas 3 3
- Electives (Humanities) 5 —
- Electives (General) — 2

**Senior Year:**
- Span. Courses (Up. Div.) 5 5
- Social Psychology or Social Theory — 3
- Electives (Up. Div.) 4 4
- Electives (General) 6 3

REQUIREMENTS FOR MUSIC MAJOR
Bachelor of Arts Program

A. Completion of general college requirements for the Bachelor of Arts degrees as found on page 37 of the catalog.

B. Minimum Music requirements as follows:

**APPLIED EMPHASIS**
(Including voice)

<table>
<thead>
<tr>
<th></th>
<th>credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Music</td>
<td>16</td>
</tr>
<tr>
<td>Begin and Advanced Harmony</td>
<td>12</td>
</tr>
<tr>
<td>Begin and Advanced Ear Training</td>
<td>4</td>
</tr>
<tr>
<td>Keyboard Harmony</td>
<td>4</td>
</tr>
<tr>
<td>Form and Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Ensembles</td>
<td>4</td>
</tr>
<tr>
<td>Music Electives</td>
<td>16</td>
</tr>
</tbody>
</table>

**THEORY AND COMPOSITION EMPHASIS**

<table>
<thead>
<tr>
<th></th>
<th>credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Piano (or organ)</td>
<td>8</td>
</tr>
<tr>
<td>Begin and Advanced Harmony</td>
<td>12</td>
</tr>
<tr>
<td>Begin and Advanced Ear Training</td>
<td>4</td>
</tr>
<tr>
<td>Counterpoint</td>
<td>4</td>
</tr>
<tr>
<td>Music Electives</td>
<td>3</td>
</tr>
<tr>
<td>Keyboard</td>
<td>4</td>
</tr>
<tr>
<td>Form and Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Ensemble</td>
<td>4</td>
</tr>
<tr>
<td>Canon and Fugue or Composition</td>
<td>2</td>
</tr>
</tbody>
</table>

**MUSIC MAJOR**
Bachelor of Music Program

(Suggested Program)

A. Applied Music

<table>
<thead>
<tr>
<th></th>
<th>1st 2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem. Sem.</td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3 3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 1</td>
</tr>
<tr>
<td>*Applied Music</td>
<td>4 4</td>
</tr>
<tr>
<td>Harmony</td>
<td>3 3</td>
</tr>
<tr>
<td>Beginning Ear Training</td>
<td>1 1</td>
</tr>
</tbody>
</table>

*Organ may be taken if student has sufficient keyboard technique to qualify.
### Sophomore Year

| Humanities-Music Lit. | 2 | 2 |
| *Applied Music | 4 | 4 |
| Advanced Harmony | 3 | 3 |
| Advanced Ear Training | 1 | 1 |
| Ensemble | 1 | 1 |
| Social Science | 3 | 0 |
| Elective | 2 | 3 |
| Recital Appearance | 0 | 0 |

#### Junior Year

| Conducting | 2 |
| *Applied Music | 4 | 4 |
| Music History | 2 | 2 |
| Counterpoint | 2 | 2 |
| Ensemble | 1 | 1 |
| Keyboard | 2 | 2 |
| Literature | 3 |
| Electives | 4 | 3 |
| Recital Appearance | 0 | 0 |

#### Senior Year

| Form and Analysis | 2 | 2 |
| **Music Elective** | 2 | 3 |
| **Applied Music** | 4 | 4 |
| Art History (or Speech or Drama) | 3 |
| Senior Recital | 2 |
| Foreign Language | 4 | 4 |

### Notes

NOTE: Applied, Non-keyboard majors must pass an examination in piano equivalent to 3rd grade literature before graduation. Representative works are Clementi Sonatinas, early Mozart, easier Bach works, major and minor scales.

### B. Voice Major

#### Freshman Year

| English Composition | 3 | 3 |
| Physical Education | 1 | 1 |
| #Applied Music | 4 | 4 |
| Harmony | 3 | 3 |
| Beginning Ear Training | 1 | 1 |
| Ensemble | 1 | 1 |
| Social Science | 3 | 3 |
| Recital Appearance | 0 | 0 |

#### Sophomore Year

| Music Literature | 2 | 2 |
| Foreign Language | 4 | 4 |
| Applied Music | 4 | 4 |
| Advanced Harmony | 3 | 3 |
| Advanced Ear Training | 1 | 1 |
| Ensemble | 1 | 1 |
| Elective | 1 | 1 |
| Recital Appearance | 0 | 0 |

#### Senior Year

| Conducting | 2 |
| Applied Music | 4 | 4 |
| Keyboard | 2 | 2 |
| Literature | 3 |
| Senior Recital | 2 |
| Form and Analysis | 2 | 2 |
| Electives (Music) | 2 | 5 |

### C. Requirements for a Theory and Composition Major

#### Credits

| Credits | 12-16 |
| Applied Major | 8 |
| Applied Minor (Piano if major in another instrument) | 8 |
| Lower Division Theory | 16 |
| @Upper Division Theory | 28 |

*A total of 32 credits to be earned in Applied Music: a student may earn up to 4 credits toward these 32 by playing full solo recitals for 2 credits per recital. A proficiency exam in the major applied area will be held before the music faculty at the end of the Sophomore year.

# student must attain 3rd grade piano level before graduation with a degree.

@ Two years of keyboard harmony required.

**Organ Majors must take Continuo Realization and Improvisation."
<table>
<thead>
<tr>
<th>Course</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>Junior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Applied Major</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Harmony</td>
<td>3</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Beginning Ear Training</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Ensemble</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>*Voice Class</td>
<td>1-0</td>
<td>1-0</td>
<td>1-2</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>**Applied Music</td>
<td>1-2</td>
<td>1-2</td>
<td>2</td>
</tr>
<tr>
<td>***Instrumental Tech. or Methods</td>
<td>1</td>
<td>1</td>
<td>16-16</td>
</tr>
</tbody>
</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>1st 2nd</th>
<th>3rd 4th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percussion Class</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Social Science (History)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Music</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Applied Minor</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Harmony</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Ear Training</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Ensemble</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Public School Music Meth.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Music Literature</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>13-15</td>
</tr>
<tr>
<td>2nd</td>
<td>16-18</td>
</tr>
</tbody>
</table>

**Senior Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature</td>
<td>3</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Laboratory</td>
<td>4</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Inst. Tech &amp; Methods</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Applied Music</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Secondary Sch. Methods</td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Practice Teaching</td>
<td>6</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Electives (Music)</td>
<td>4</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Conducting</td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Orchestral and Choral Arranging</td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Form and Analysis</td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

**Requirements for Social Science Major**

**Bachelor of Arts Program**

I. Liberal Arts Option

1. General College and Basic Core requirements:

2. Social Science requirements:

   A. Lower Division Courses: 21 credits
      Anthropology or Geography 3
      Economics 3
      Political Science 3
      Sociology 3
      Social Science Electives 9

   B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in the other fields): 24 credits
      Anthropology
      Economics
      Geography
      Political Science
      Sociology

* An additional year of foreign language is suggested.

* Waived for Voice majors.

** Piano class (1 credit) may be taken during first year piano study.

*** Strings, Woodwinds, Brass, and Choral Methods and Materials suggested.

**+ Voice majors only may elect foreign language.

**++ This course serves to meet both Social Science and Education requirements.
II. Secondary Education Certificate Option
   1. General College and Basic Core requirements
   2. Major requirements:
      A. Lower Division Courses ........................................ 30 credits
         History of Western Civilization ......................... 6
         U.S. History .................................................. 6
         Economics .................................................... 6
         Federal Government ........................................... 3
         State and Local Government ................................ 3
         Sociology ..................................................... 3
         Geography ...................................................... 3
      B. Upper Division Courses—(Must include three credits
         of American History, additional six credits in History
         courses) ......................................................... 18 credits
         Comparative Government .................................... 3
         Social Science Electives .................................... 6
   3. Educational requirements for State Certification for
      Secondary Education ........................................... 20 credits

III. Social Work Option
   1. General College and Basic Core requirements to include:
      Mathematics ..................................................... 8
      Fundamentals of Speech ....................................... 3
   2. Major requirements:
      A. Lower Division Courses .................................... 30 credits
         U.S. History .................................................. 6
         History of Western Civilization .......................... 6
         Economics ..................................................... 6
         Introduction to Sociology ................................... 3
         Social Problems ............................................... 3
         General Psychology .......................................... 3
         Human Growth and Development ............................. 3
      B. Upper Division Courses to include sixteen hours
         in Social Work, twelve hours in Sociology, and six
         hours in Psychology ........................................... 34 credits
         Social Welfare ............................................... 6
         Fields of Social Work ........................................ 6
         Field Observation ............................................ 4
         The Urban Community ......................................... 3
         Racial and Cultural Minorities ............................. 3
         Social Psychology ............................................. 3
         Statistical Methods ........................................... 3
         Social Theory .................................................. 6

SOCIAL SCIENCE MAJOR
Bachelor of Arts Program
(Sample Possible Program)

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>History of Western Civil.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Federal Government</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Humanities Sequence</td>
</tr>
<tr>
<td>Mathematics</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
</tr>
<tr>
<td>General Psychology</td>
</tr>
<tr>
<td>Anthropology or Geog.</td>
</tr>
<tr>
<td>Social Science (Lower Div.)</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td>16</td>
</tr>
</tbody>
</table>
**SOCIAL SCIENCE — SECONDARY EDUCATION OPTION**

**Bachelor of Arts Program**

(Sample Possible Program)

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>Senior Year</th>
<th>1st Field</th>
<th>2nd Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Science (Lower Div.)</td>
<td>—</td>
<td>3</td>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4</td>
<td>3</td>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3</td>
<td>3</td>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>U.S. History</td>
<td>3</td>
<td>3</td>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Economic Geography</td>
<td>3</td>
<td>3</td>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Social Science (Upper Div.)</td>
<td>—</td>
<td>—</td>
<td>Electives</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>1st Field</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>2nd Field</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>3rd Field</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

**Social Science Electives**

16 15

---

**SOCIAL SCIENCE — SOCIAL WORK OPTION**

(Typical Program)

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Humanities Sequence</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
<td>Child Psychology</td>
<td>3</td>
</tr>
<tr>
<td>History Sequence</td>
<td>3</td>
<td>3</td>
<td>Social Welfare and Social Change</td>
<td>—</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Introduct. to Geography</td>
<td>—</td>
<td>3</td>
<td>Urban Communities</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4</td>
<td>—</td>
<td>Racial and Cultural Minorities</td>
<td>—</td>
</tr>
<tr>
<td>Introductory to Sociology</td>
<td>3</td>
<td>—</td>
<td>State and Local Government</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>15</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

---

**Senior Year:**

Field of Social Work 3 —
Social Work Methods — 3
Field Work Laboratory 2 2
Social Psychology — 3
Statistical Methods 3 —
Social Theory 3 3
Electives 5 5
16 16
COURSE OFFERINGS

AR ART (16)

Lower Division

101, 102 Art History—2 credits  Each semester
A study of artistic expression in the fields of painting, sculpture and architecture. First Semester: Pre-Historic art to the Renaissance. Second Semester: Art of the Renaissance to the present. Two lecture hours per week. For art majors.

103 Introduction to Art—3 credits  Each semester
A one semester course designed to acquaint the general college student with the aesthetics of painting, sculpture, architecture, and other arts. Complete with slides, gallery tours, and guest artists.

105-106 Basic Design—2 credits  Each semester
Theoretical and applied study of the structural organization underlying painting, sculpture, commercial and industrial art, and interior decorating. Scientific and esthetic investigation of color are included. Four hours studio per week.

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

108 Lettering and Layout—2 credits  Second semester
A study of lettering techniques used in advertising design, for commercial art majors; prerequisite 107. Four hours studio per week.

111-112 Elementary Drawing—2 credits  Each semester
First Semester: Emphasis on perspective, form, light and shade, and composition. Second Semester: Introduction to the human figure. Four hours studio per week.

113-114 Elementary Painting—2 credits  Each semester
First Semester: Emphasis on the techniques of transparent water color. Second Semester: Emphasis on the Techniques of opaque water color and mixed media. From still life and nature to abstraction. Four hours studio per week.

115, 116 Landscape Painting—3 credits  Summer
Various styles and techniques in landscape painting in oil, watercolor, and related media. Field trips.

119 Architectural Graphics—2 credits  Either semester
Perspective Drawing, including projections, shades and shadows and architectural rendering in various media. Four hours studio per week.

121, 122 Crafts—2 credits  Each semester
A creative exploration in designing and constructing simple problems in metals, leather, wood, fabric, enameling, mosaics and other mediums. Four hours studio per week.

125, 126 Ceramics—2 credits  Each semester
An introduction to ceramics technique and materials. Practice is given in the use of potter's wheel, molding, hand building, decoration, glazing, and firing. Enrollment is limited, with permission of instructor required. Four hours studio per week.

131 Interior Decorating—2 credits  Either semester
Aid in understanding and appreciating interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture.

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

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

203-204 Advertising Design—2 credits  Each semester
Special assignments in various techniques employed in advertising and commercial art; problems in layout typography, and reproduction processes

A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
will be emphasized. Advisable to have had design and color composition and elementary drawing. Four hours studio per week.

211-212 Intermediate Drawing—2 credits Each semester
Anatomical rendering and analysis of the drawing in relation to creative composition. Four hours studio per week. Prerequisite: Elementary Drawing AR-112.

215-216 Intermediate Painting—2 credits Each semester
Painting in oils and related media with emphasis on various techniques and subject matter. Four hours studio per week. Prerequisite: Elementary Painting AR-113 and AR-114.

217-218 Watercolor—2 credits Each semester
Experimental approaches in the use of transparent watercolor, and opaque waterbase media. Work will be outdoors from nature as well as studio work. Four studio hours per week.

231-232 Sculpture—2 credits Each semester
Work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling, casting and constructing. Four studio hours per week.

251 Introduction to Creative Photography—2 credits Each semester
An aesthetic approach to basic photographic skills. One hour lecture and three hours laboratory work per week. Adjustable camera required.

**Upper Division**

301 Nineteenth Century Painting and Sculpture—3 credits First semester
An in depth study of important artists and movements in Europe and the United States; from neoclassicism in France to social commentary in America. Prerequisite: Junior standing.

302 Twentieth Century Painting and Sculpture—3 credits Second semester
An in depth study of important artists and movements in Europe, Mexico and the United States; from fauvism in France to trends in contemporary American art. Prerequisite: Junior standing.

303-304 Advanced Advertising Design—3 credits Each semester
Preparation of art for reproduction; advanced techniques and studio practices. Prerequisite: Advertising Design, AR-204.

309 Printmaking—3 credits Either semester
Introduction to the processes of woodcut, lithography; etching and serigraphy; six hours studio per week.

310 Printmaking—3 credits Either semester
Further concentration in two of the following four areas; woodcut, lithography, etching, serigraphy, six hours studio per week. Prerequisite: AR-309.

311, 312 Advanced Drawing—3 credits Each semester
Advanced life drawing in various media. Six hours studio per week; Prerequisite: AR-111-112, AR-211-212.

315-316 Advanced Painting—3 credits Each semester
Creative work in representational and non-representational areas in oil and related media. Prerequisite: AR-113-114, AR-215-216.

317, 318 Advanced Watercolor—3 credits First semester
Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Prerequisite: Watercolor AR-217 and AR-218. Not to be offered in 1968.

321 Elementary School Art Methods—3 credits Either semester
For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed. Six hours studio per week. Prerequisite: AR-125-126.

325, 326 Advanced Ceramics—3 credits Each semester
Advanced study in the materials of ceramics, with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. Six hours studio per week. Prerequisite: Ceramics AR-125 and AR-126.

331, 332 Advanced Sculpture—3 credits Either semester
Advanced study in the material and methods of the sculptor with emphasis upon welded steel and metal casting. Six hours studio per week. Prerequisite: AR-231-232.
341-342 Creative Photography—3 credits Each semester
Advanced study of photographic techniques, emphasis is placed on the creative approach to picture taking and printing. One hour lecture, five hours laboratory per week. Adjustable camera required, field trips. Prerequisite: AR-241 or consent of instructor.

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

415-416 Senior Painting—3 credits Each semester
Creative work in representational and non-representational areas in oil and related media. Prerequisite: AR-315-316.

496 Senior Project—3 credits Second semester
Advanced studio work on an approved project in drawing, painting, sculpture, ceramics, or graphic arts. Prerequisite: one year of lower division work in the selected medium, senior standing, and approval of the Department Chairman.

DR DRAMA, THEATRE, RADIO and T.V. (18)

Lower Division

107 Introduction to Drama—3 credits Each semester
A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theatre, dramatic literature and techniques. The first semester covers the period from earliest times through the Renaissance and Restoration. The second semester covers the period from the Restoration to the present day. Offered alternate years.

108 Introduction to Broadcasting—3 credits Fall semester
Lecture and discussion of social aspects of radio and television broadcasting; among subjects to be considered are history of broadcasting, the FCC and the public interest, international broadcasting, sponsors, networks, rating services, and standards of criticism.

109 Radio Production—3 credits Spring semester
Lecture in radio skills, and practical experience on college radio station. Operation of radio equipment, exercises in reading various types of radio copy, projects in production of various types of radio programs. Prerequisite: DR-109, Introduction to Broadcasting.

115-116 Acting—3 credits Each semester
Theory, analysis, and inculcation of the fundamental aptitudes necessary in acting e.g. focus, imagination, objectives, characterization, through the use of improvisation. The analysis and preparation of dramatic roles utilizing modern realistic acting styles.

117 Technical Theatre (Scenery Emphasis)—3 Credits Fall semester
Theory and practice of theatre production in areas of scene design and construction and property design and construction, especially for thrust and arena type stages. Introduction to new set materials e.g. plastics, glues, resins, etc.

118 Technical Theater (Lighting Emphasis)—3 credits Spring semester
Theory and practice of theatre production in area of stage lighting, involving basic principles of electricity; nature and use of different instruments; types of control; effects of color; methods of procedure.

121 Theatre Speech—3 credits Either semester
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, prerequisite: Voice and Diction.

122 Theatre Movement—2 credits Either semester
Movement, rhythm, and dynamics for the actor, including a study of dance forms. The organization of movement to express emotion and character stressing actor's use of stage space.

131 Major Production Participation—1 credit Either semester
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. Freshmen not eligible.
Upper Division

304 Advanced Oral Interpretation—3 credits Spring semester
Oral reading of more advanced levels of literature, with emphasis on
techniques of impression and expression. Prerequisite: Basic Interpretation.

306 Reader's Theatre—3 credits Spring semester
Study and preparation of selected dramatic works with emphasis on de-
velopment of advanced skills and appreciation—both individual and group
performance. Prerequisite: Advanced Oral Interpretation.

311-312 Acting of Period Plays—3 credits Each semester
A survey, laboratory course of historic manners and movement with
particular attention to their interrelationship with historic costume. The
theory and practice of acting period styles with emphasis on Greek, Eliza-
bethan, and Restoration styles of acting. Prerequisite: Acting, Theatre Move-
ment.

331 Major Production Participation—1 credit Either semester
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. Freshmen not eligible.

390 Workshop in Theatre—2 credits Summer Session
An intensive eight-day session in drama which provides maximum ex-
posure to all phases of drama in the shortest possible time. Aimed primarily
at high school teachers who have little or no training in theatre techniques.
Specific topics, announced in summer bulletins, could make this valuable for
experienced drama teachers also. Prerequisite: High school teaching, or con-
tact to teach in high or junior high school.

401-402 Directing—3 credits Each semester
Basic theory and techniques of stage directing. Includes the direction of
scenes and one-act plays. Special problems in directing are presented. Pre-
requisite: Introduction to Theatre DR-101 and DR-102.

430 Technical Practicum—3 credits Spring semester
A comprehensive technical project in which student designs and executes
either a stage setting, or a stage lighting, or costuming for a major school
play or a special student project. This is followed by a formal critique by
faculty. Drama major—Senior standing.

451 Directing Practicum—3 credits Fall semester
A comprehensive course embracing entire spectrum of theatre arts and
skills in which a senior student selects, directs, and presents a complete
dramatic production, which is followed by a formal critique by faculty.
Drama major—Senior standing.

J JOURNALISM (26)

Lower Division

104 Introduction to Journalism—2 credits Second semester
A thorough analysis of communications in the modern world. Discussion
of the role of the various kinds of media, and the strengths and drawbacks of
each. An opening course for those who wish a general understanding of
newspapers, magazines, radio-tv. Visits to examples of each media in the
locality will be arranged. Prerequisite: A grade of “C” or better in the first
semester in English Composition or English for the Advanced Student.

203-204 Reporting and News Writing—3 credits Each semester
Elements of style, usage, grammar, punctuation, capitalization titles, ab-
ervations. Elimination of unnecessary wordage. Emphasis on accuracy and
clarity. Practice writing of news stories from workbook. In the second
semester, leads, heads, cutlines, editing, proofreading symbols. Prerequisite: Introduction to Journalism and enrollment in Beginning Typing or demon-
strated ability on the typewriter.

301 Student Publications—2 credits Either semester
Practical problems laboratory. Meets twice a week to work on the Round-
up and/or LeBois. Student may earn a maximum of eight credits for
publications. Students may not earn credits for Yearbook and student publi-
cations. Prerequisite: Reporting and News Writing J-203-204.
Upper Division

303 Yearbook—1 credit
Meets once a week to prepare the LeBois. Involves layout, picture sizing, written copy, working within budget, selling advertising. Students may earn a maximum of four credits for Yearbook. Students may not earn credits for student publications and Yearbook. Prerequisite: Upper Class Standing.

405 Radio-TV Newswriting—2 credits
Fall semester
Practice writing of radio-tv news, including timing and arrangement of material, adding script to film, techniques for condensing stories . . . deciding the importance of story material. Preparation of “headlines,” five and 10 minute broadcasts. Prerequisite: Reporting and Newswriting J-203-204.

408 Public Relations—3 credits
Spring semester
Analysis of public relations media and methods. Public relations as a management tool. Identifying and reaching the various Publics. Practice in writing publicity releases.

SP SPEECH (34)

Lower Division

102 Professional Speech Communication—2 credits
Each semester
A course designed especially for two-year pre-professional curricula. Theory and principles involved in oral communication situations in the professional world: speechmaking, conferences, interpersonal relations, with a practical approach to the principles of extemporaneous speaking.

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

112, 113 Argumentation and Debate—3 credits
Each semester
Introduction to Argumentation and Debate and the role of each in a free society. Preparation for and participation in phrasing and analyzing propositions; briefing and presenting evidence; studying persuasion, refutation, fallacies of argument; and oral and written presentation of formal debates.

114—Intercollegiate Debate—1 credit
Each semester
Preparation for and participation in competitive debate using the current intercollegiate debate topic. Prerequisite: SP-112 and 113 or admission by permission of the instructor.

121 Voice and Diction—3 credits
Either semester
Study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in projecting speech. Phonetics used as a base for acquiring skill in articulation of standard American speech. An investigation of the student’s individual speech problems.

211 Intermediate Speech—3 credits
Either semester
A concentrated application of the basic principles of speech with emphasis on: speech construction; investigation and presentation of special types of speech, i.e., sales, after-dinner, good will, special occasion; acquisition of a personal speech style; and a working knowledge of the allied techniques of debate, discussion and parliamentary procedure. Prerequisite: Fundamentals of Speech SP-111 or Introduction to Public Speaking SP-101 and permission of the instructor.

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

Upper Division

311 Speech for Teachers—3 credits
Either semester
Practice in fundamentals of speech with emphasis on situations that confront the teacher in classroom work and extracurricular activities. Instruction in phonetic analysis of English speech sounds.

321 Rhetoric—3 credits
Either semester
A study of the arrangement of words for the desired effect upon the hearer. A review of the history and theory of rhetorical criticism.
331 History of Public Address—3 credits  Fall semester
   A study of great addresses throughout history. An evaluation of the
   address, the spokesman, the historical context in which they spoke, their
   ideas and the effect of their advocacy on society.
332 Contemporary American Address—3 credits  Spring semester
   A continuation of Public Address covering the United States in the years
   1900 to present.
405 Discussion Techniques—3 credits  Either semester
   Special attention is directed to procedures, evidence, fallacies and types
   of reasoning within the framework of conferences, panels and group discus-
   sions. Open to freshmen and sophomores and may be taken in conjunction with
   Fundamentals of Speech SP-111.
411 Speech Analysis and Improvement—2 credits  Second semester
   Study of normal speech and language development; descriptions of the
   various types of speech and voice disorders of speech-handicapped school
   children; role of the classroom teacher in speech correction. Prerequisite:
   Speech for Teachers SP-311.
451 Speech Practicum—3 credits  Fall semester
   Principles and practice in public speaking beyond that considered at the
   beginning and intermediate levels. Participation in collegiate forensics would
   be encouraged. Emphasis on organization and refinement of speech content
   and delivery. The delivery of public addresses. Speech major—Senior standing.
498 Speech Seminar—2 credits  Second semester
   Reading, discussion and preparation of reports on selected projects. Prerequisite:
   Senior standing in the Speech-Drama Major or permission of
   Department Chairman.

E ENGLISH COMPOSITION (20)

Students who transfer from other schools with qualifying scores on
objective tests equivalent to those administered to Boise State College fresh-
men will be required to take only the essay section of the placement tests.

Lower Division

001 Remedial English—No credit  Each semester
   The fundamentals of grammar, composition and reading required of
   students with ACT Group 1 Probability scores of below 20 or students whose
   first writing in E-101 is deficient. A grade of S is required for admission to
002 English as a Second Language—No credit  Each semester
   English grammar, idiom and composition required of foreign students
   either with unsatisfactory ACT Group 1 Probability score or with unsatisfac-
   tory composition ability in E-101.
101-102 English Composition—3 credits  Each semester
   Reading and composition based on various literary materials. Prerequi-
   site: ACT Group 1 probability score of 20 and above or a grade of S in
   Remedial English. Prerequisite to all other English courses. (Previously 20-
   101-102).
105 English Composition for Advanced Students—3 credits  First semester
   Advanced reading and composition open to students with ACT Group 1
   Probability scores of 80 or above. Final grade of C or better fulfills the
   General College requirement of English Composition. (Previously 20-111).
108-109 Reading Improvement—1 credit  Each semester
   Tutorial instruction in reading comprehension.
201 Expository Composition—3 credits  Each semester
203 Literary Composition—3 credits  First semester
   (Previously 20-251).

Upper Division

303 Short Fiction Composition—3 credits  Spring semester
   Prerequisite: E-203.
304 Poetry Composition—3 credits  Fall semester
   Prerequisite: E-203.
318 Methods of Teaching Secondary School English—3 credits
Alternate semesters
Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: Advanced Grammar LI-306. (Previously 20-381).

HU HUMANITIES (24)

Lower Division

207-208 Introduction to Humanities—3 credits Each semester
A comprehensive survey of man’s attempts to realize to the fullest human values. The course will deal with the manner in which the creative works of man in literature, graphic and plastic arts, and music illustrate attempts to solve environmental, intellectual, and spiritual problems during the major cultural epochs of human history. The course will be conducted by a panel of specialists in the three major creative areas.

L LITERATURE (28)

Lower Division

220 Introduction to Literature—3 credits First semester
Fiction.
221 Introduction to Literature—3 credits Second semester
Poetry and Drama
230 Western World Literature—3 credits First semester
Homer through Dante (Previously 28-205)
235 Western World Literature—3 credits Second semester
Renaissance to Present (Previously 28-206)
240 Survey of British Literature to 1790—3 credits First semester
(Previously 28-201)
260 Survey of British Literature: 1790 to Present—3 credits Second semester
(Previously 28-202).
270 Survey of American Literature—3 credits Either semester

Upper Division

316 Children’s Literature—3 credits First semester
Study of material appropriate to various grade levels and methods of teaching such material. (Previously 28-431).
320 Non-British Western World Drama—3 credits Either semester
Aeschylus through Racine (Previously 28-317-318).
336 Nineteenth-Century Continental Literature—3 credits First semester, alternate years
338 Twentieth-Century Continental Literature—3 credits Second semester, alternate years
340 Chaucer and Medieval British Literature—3 credits (Previously 28-327).
345 Shakespeare—3 credits First semester (Previously 28-311).
349 Renaissance British Drama: Non-Shakespearean—3 credits Spring semester (Previously 28-313).
350 Seventeenth-Century British Poetry—3 credits Either semester The Metaphysicals through Milton.
355 Dryden, Pope and Their British Contemporaries—3 credits First semester, alternate years
357 Swift, Johnson and Their British Contemporaries—3 credits Second semester, alternate years (Previously 28-321)
359 British Novel: Beginnings through Scott—3 credits First semester, alternate years
360 British Romantic Poetry—3 credits First semester, alternate years Coleridge Wordsworth and contemporaries (Previously 28-323).
365 Victorian Poetry—3 credits Second semester, alternate years Tennyson, Browning and contemporaries (Previously 28-325).
369 British Novel: Austin through Hardy—3 credits Second semester, alternate years
Boise State College

377 American Renaissance—3 credits First semester
   Emerson, Hawthorne, and contemporaries (Previously 28-303)
378 American Realism—3 credits Second semester
   Twain, James, and contemporaries (Previously 28-304)
384 Literature of the American West—3 credits Second semester
385 Twentieth-Century Anglo-American Fiction—3 credits First semester
   (Previously 28-333)
387 Twentieth-Century Anglo-American Poetry—3 credits Second semester
   (Previously 28-334)
389 Twentieth-Century Anglo-American Drama—3 credits Either semester
   (Previously 28-335)
390 Folklore—3 credits First semester
   Study of what folklore is, its written and oral traditions, its different
genres, and the analogues—or variants related to different genres.
394 Methods and Theories of Literary Criticism—3 credits First semester
   Required of all junior-level English majors.

HY HISTORY (70)

Lower Division

101-102 History of Western Civilization—3 credits Each semester
   First semester: The development of European civilization from classical
   antecedents, to the mid-seventeenth century. Second semester: The develop-
   ment and expansion of western civilization worldwide since the seventeenth
century.
151-152—United States History—3 credits Each semester
   First semester: The history of American civilization from Pre-Columbian
days to 1865 with emphasis given to the development of the union and expan-
sion. Second semester: A survey of the significant factors influencing Ameri-
can development from the Civil War to the present, including the growth
of American business, and the emergence of the nation to a world power.
288 American Heritage—2 credits Summer
   An introductory course to an Eastern seaboard trip to take place during
the following summer; provides a survey of the early and contemporary
contributions to our American heritage. Historical and governmental sites to
be visited include Williamsburg, Washington, D.C., and New York City. The
credit allowance in this course is subject to the student’s participating in
the tour and doing the required work. The course is open on an audit basis
for other interested students.

Upper Division

301 Renaissance and Reformation—3 credits First semester
   A study of the political, social, economic, religious and cultural develop-
ments from 1300 to 1600, with emphasis on the Italian Renaissance and the
Church-State relationships. Prerequisite: History of Western Civilization
HY-101 and HY-102.
303 The Enlightenment and French Revolution—3 credits Second semester
   A survey of Europe in the seventeenth and eighteenth centuries: the
age of absolutism, ideas of the philosophers, the crisis in the old regime and
revolution. Prerequisite: History of Western Civilization HY-101 and HY-102.
305, 306 Modern Europe—3 credits Each semester
   Political, cultural, social, and economic history of Europe from the
Congress of Vienna to the present time. The emphasis will be upon the
interaction and world leadership of the major European powers. Domestic
affairs will be considered as they affect both the individual nations and their
relations with other nations. First semester: Europe in the Nineteenth
Prerequisite: History of Western Civilization HY-101 and HY-102.
311, 312 History of England—3 credits Each semester
   First semester: Survey of the major cultural, political, economic and re-
ligious developments in England from the beginning to 1603. Second semester: Great Britain from the seventeenth century to the present. Prerequisite:
History of Western Civilization HY-101 and HY-102.

†A hyphen between course numbers indicates that the first numbered course is a prerequisite
to the second numbered course; a comma between course numbers indicates either course may
be taken independently of the other.
313, 314 History of Russia—3 credits  
First semester: Survey of the origins and development of the Kievan and Muscovite states to the eighteenth century. Second semester: A study of the major cultural and economic institutions as well as the growth of political power by the state from the eighteenth century to the present. Prerequisite: Western Civilization HY-101 and HY-102.

315, 316 Far East—3 credits  
A survey of the major powers of the Orient—their internal political and cultural development. Prerequisite: Western Civilization HY-101 and HY-102.

70-318 The Greco-Roman World—3 credits  
First semester: An introduction to the history of the ancient Greeks and Romans with stress on those tendencies and achievements which have influenced later developments in western civilization. Prerequisite: History of Western Civilization HY-101-102.

321 Medieval History—3 credits  
The political, economic and cultural development of Medieval Europe from the fifth to the fourteenth century. Prerequisite: History of Western Civilization HY-101 and HY-102.

351 Colonial America—3 credits  
First semester: Background of colonial rivalry in North America, including an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: United States History HY-151 and HY-152.

352 The Federal Period, 1783-1815—3 credits  
Either semester: The United States from the end of the Revolution through the War of 1812. Emphasis on the government under the Articles of Confederation; drafting and implementing the Constitution; the rise of political parties; and the War of 1812. Prerequisite: HY-151.

353 The National Era, 1815-1848—3 credits  
Either semester: 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.

354 Civil War and Reconstruction—3 credits  
Second semester: A study of the origins of the conflict between the states, the encounter, and the problems of reunification. Prerequisite: United States History HY-151 and HY-152. (Previously 70-355).

355 Western America—3 credits  
First semester: The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will be given to the migration of people in the Trans-Mississippi West. Prerequisite: United States History HY-151 and HY-152.

357 Idaho and the Pacific Northwest—3 credits  
Each semester: Political, economic and social development of the Pacific Northwest with emphasis upon the people, customs, and institutions of Idaho. Prerequisite: United States History HY-151 and HY-152.

358 Emergence of Modern America, 1877-1917—3 credits  
Either semester: The industrial growth of the United States; emergence as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY-152.

359 Recent United States, 1917 to present—3 credits  
Either semester: (Change from Twentieth Century America) Versailles and post-war disillusionment; boom and bust of the 20's the Great Depression and FDR's New Deal; reappearance on the world scene; World War II and its aftermath. Prerequisite: HY-152.

361, 362 Diplomatic History of the United States—3 credits  
Each semester: Development of diplomacy from the foundation of the Republic to the present. Attention will be given to the impact of domestic developments upon the formulation of foreign policies. Prerequisite: United States History HY-151 and HY-152.

367, 368 History of the Americas—3 credits  
Each semester: First semester: Western Hemisphere nations are studied in the framework of international rivalry in the colonial period as well as patterns in colonization and cultural characteristics. Second semester: A study of the inde-
dependence movements and the development of Latin America. Consideration is
given to the role of the United States in the hemisphere and to current prob-
lems of cooperation between American neighbors. Prerequisite: United States
History HY-151.
397 The Study and Methods of History—2 credits First semester
A study of historiography together with the methods of historical re-
search, selection, interpretation, synthesis, and writing. Required for all
history majors in the junior year. Open to upper division students in other
majors with permission of the instructor.
498 History Seminar—2 credits Second semester
Study of a selected problem in history. Paper based on research into prob-
lem to be prepared and reported to the seminar. Required for History Major,
Liberal Arts Option; recommended for History Major, Secondary Education
option. Prerequisite: Senior Standing.

LI LINGUISTICS (20)
306 Advanced Grammar—3 credits Either semester
An intensive survey of traditional and modern techniques of grammatical
analysis. (Previously 20-311).
309 History of the English Language—3 credits First semester
406 Introduction to Linguistics—3 credits Second semester
The phonological, morphological and syntactic structure of language, especially English.

F FRENCH (22)
Lower Division
101-102 Elementary French—4 credits Each semester
This course is designed to develop the student's ability to understand
spoken and written French and to express himself orally and in writing.
The class is conducted entirely in French and daily assignments include
laboratory use of taped material prepared for oral practice as well as aural
comprehension. The class meets five times a week.
201-202 Intermediate French—4 credits Each semester
The conversational approach is continued in a review of grammar with
practice in composition. Records and tape recordings heard in the laboratory
offer further practice on structural patterns and their respective transfor-
mation with the French socio-cultural background. Modern prose is read
and discussed in French. Reports are given on collateral reading. Prerequisite:
Elementary French F-101 and F-102 or two years of high school French.

Upper Division
303-304 French Composition and Conversation—2 credits Each semester
Practical oral and written work based on extensive collateral reading.
Class conducted entirely in French. Prerequisite: Intermediate French F-201
and 202 or four years of high school French.

G GERMAN (23)
Lower Division
101-102 Elementary German—4 credits Each semester
This course is designed to develop the student's ability in understanding,
reading, and expressing himself accurately and with a good pronunciation.
Grammatical principles are developed along with the class work through re-
peated application rather than memorization. Idioms and pronunciation are
stressed and the conversational approach is used. This class meets daily.
201-202 Intermediate German—4 credits Each semester
Reading of German texts with the aim of developing a sound reading
knowledge of German. A systematic grammar review and practice in speak-
ing and writing, as well as reports on collateral reading, are included. Pre-
requisite: Elementary German G-101 and 102 or two years of high school
German.

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

303-304 German Conversation and Composition—2 credits Each semester
Oral and written work based on extensive collateral reading. Class conducted entirely in German. Prerequisite: Intermediate German G-201 and G-202 or four years of high school German.

SPANISH (33)

Lower Division

101-102 Elementary Spanish—4 credits Each semester
Students are taught to speak, read, write and understand Spanish by means of pattern drills based on charts. Taped drills are used daily in the laboratory in preparing oral and written assignments. Grammar and vocabulary are learned by means of drills on structural patterns. Written and recorded prose selections complete the program. The class meets five times a week.

201-202 Intermediate Spanish—4 credits Each semester
Intensive audio-lingual training; fundamentals of grammar and usage; careful vocabulary building; reading of selected sources combined with basic composition. Lecture, 4-hours, laboratory work, 1 hour. Prerequisite: Elementary Spanish SH-101 and SH-102 or two years of high school Spanish.

Upper Division

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

303-304 Spanish Conversation and Composition—2 credits Each semester
Intended to further stimulate clarity, simplicity and precision in oral and written Spanish discourse, and to lay the foundations for literary studies. Prerequisite: Intermediate Spanish SH-201 and SH-202 or demonstrated proficiency.

401 Spanish Golden Age and the Generation of 1898—3 credits First semester
This is a specialized course that reviews the great writers of the 16th century explored against the richness of the Golden Age period, followed by the era in Spanish literature that was introduced and molded by the events of the year 1898. Lectures and class participation are in Spanish. Prerequisite: Survey of Spanish Literature SH-301 and SH-302 or equivalent.

403 Modern Trends in Spanish and Hispano-American Literature—2 credits First semester
A study of the ideas of the great thinkers of Hispano-America and Spain, in the contemporary times. Presentation and analysis of the main socio-cultural literary trends represented by romanticism, idealism, naturalism, realism, symbolism, and the modern psycho-social approach in literature. Lectures and class participation are in Spanish. Prerequisite: At least 10 credits in Upper Division Spanish courses, SH-301 and SH-302, SH-303, and SH-304.

406 The Great Writers of Latin American Literature—3 credits Second semester
A general and historical survey of the great writers and masterpieces representative of Latin American literature. Reading and interpretation presented orally and in writing. Lectures and class participation are in Spanish. Prerequisite: At least 10 credits in Upper Division Spanish courses, SH-301 and SH-302, SH-303, SH-304 or the equivalent.

408 Advanced Spanish Stylistics—2 credits Second semester
Thorough survey of phonetics, phonemics, morphology and syntax. The study and analysis of models based upon short stories and specific themes. Enrichment of vocabulary, original composition, and essay planning. Lectures and class participation are in Spanish. Prerequisite: At least 15 credit hours in Upper Division Spanish courses, SH-301 and SH-302, SH-303, SH-304, SH-401, SH-403, SH-406 or equivalent.
MA MUSIC, APPLIED (30)

The following Applied Music courses are offered for students taking college credit in the instrument named. In all cases a maximum of 16 credits lower division, and a maximum of 16 credits upper division is allowed toward graduation for study in any one instrument.

**Strings**
- Violin—2 credits  
  - Each semester
- Violin—4 credits  
  - Each semester
- Viola—2 credits  
  - Each semester
- Viola—4 credits  
  - Each semester
- Cello—2 credits  
  - Each semester
- Cello—4 credits  
  - Each semester
- String Bass—2 credits  
  - Each semester
- String Bass—4 credits  
  - Each semester

**Brass**
- Applied Brass—2 credits  
  - Each semester
- Applied Brass—4 credits  
  - Each semester
- Horn—2 credits  
  - Each semester
- Horn—4 credits  
  - Each semester
- Trombone—2 credits  
  - Each semester
- Trombone—4 credits  
  - Each semester
- Trumpet (or Baritone)—2 credits  
  - Each semester
- Trumpet (or Baritone)—4 credits  
  - Each semester
- Tuba—2 credits  
  - Each semester
- Tuba—4 credits  
  - Each semester

**Woodwinds**
- Applied Woodwinds—2 credits  
  - Each semester
- Applied Woodwinds—4 credits  
  - Each semester
- Bassoon—2 credits  
  - Each semester
- Bassoon—4 credits  
  - Each semester
- Clarinet—2 credits  
  - Each semester
- Clarinet—4 credits  
  - Each semester
- Flute—2 credits  
  - Each semester
- Flute—4 credits  
  - Each semester
- Oboe (or English Horn)—2 credits  
  - Each semester
- Oboe (or English Horn)—4 credits  
  - Each semester
- Saxophone—2 credits  
  - Each semester
- Saxophone—4 credits  
  - Each semester

**Organ**
- Organ—2 credits  
  - Each semester
- Organ—4 credits  
  - Each semester

**Piano**
- Piano Class—1 credit  
  - Maximum 2 credits allowed.
- Piano—2 credits  
  - Each semester
- Piano—4 credits  
  - Each semester

**Percussion**
- Percussion—2 credits  
  - Each semester
- Percussion—4 credits  
  - Each semester

**Voice**
- Voice Class—1 credit (Maximum 2 credits)  
  - Each semester
- Voice—2 credits  
  - Each semester
- Voice—4 credits  
  - Each semester

**Recital**
- Recital—2 credits  
  - Either semester
- Senior Recital—2 credits  
  - Either Semester

Applied music majors may elect to perform a solo recital for two credits prior to the required senior solo recital at any time subsequent to the freshman year. The student must have permission of his teacher and the Chairman of the music department.

Students majoring in applied music or composition will be required to present a senior recital on their major instrument or of their compositions. Prerequisite: Three years or its equivalent of study in the area.
MU MUSIC, GENERAL (29)

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.

103-104 Music Literature—2 credits
An elective course open to all students. It gives the student opportunity to hear musical masterworks and to converse intelligently about them. Cultural and historical significance of the music is discussed. Required of music majors.

111-112—Beginning Harmony—3 credits
The subject matter is approached through its evolutionary and historical development. The course begins with study of Ancient Church Modes and organum. Two part sixteenth century counterpoint in its five species is studied, followed by three part harmony and four part harmony. Harmonic style is based on the contrapuntal-harmonic chorale techniques of J. S. Bach. Triads and seventh chords and their inversions are studied in depth. Chord analysis, modulation to near related keys, auxiliary and passing tones and suspensions are learned. Prerequisite: Instrumental or vocal ability with piano or organ study concurrently or previous to enrollment.

121-122 Beginning Ear Training—1 credit
A course designed to correlate with Beginning Harmony MU-111 and MU-112 and which emphasizes auditory training in scales (including the modes and major and minor) and all intervals. The course includes drill in solfeggio and sight singing leading up to aural recognition of 3-part and 4-part harmonic structures. Two hours per week. Prerequisite: Previous or concurrent enrollment in Beginning Harmony, MU-111 and MU-112.

133 Introduction to Music—3 credits
An elective course open to all students and fashioned to familiarize the listener with a variety of musical expression. The emphasis is laid upon the enjoyment of music through the understanding of recorded and live music. For music majors, this course is not a substitute for Music Literature.

140 A Cappella Choir—1 credit
A course in unaccompanied singing. Open to all college students but an audition is required for participation in the course. The choir tours annually. Maximum 4 credits.

141 A Cappella Choir—2 credits
A course in unaccompanied singing which meets daily. Open to all college students but an audition is required for participation in the course. The choir tours annually. Maximum 8 credits in any combination of MU-140 and MU-141.

145 Opera Workshop—1 credit
A course in the study and production of operas. Maximum 4 credits.

150 Instrumental Ensemble—1 credit
A course designed to promote playing in small ensembles. A public performance is required each semester. Maximum 4 credits.

153 Orchestra—1 credit
The Boise College Community Symphony is composed of students and experienced musicians of the community and prepares several concerts each season from the standard symphonic repertoire. An elective for non-music majors. Audition required of new students. Maximum 4 credits.

155 Band—1 credit
An elective open to all students who can play a band instrument. Maximum 4 credits.

157 Accompanying—1 credit
Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum 2 credits.

†211-212 Advanced Harmony—3 credits
This course completes the study of the contrapuntal-harmonic techniques used in the Bach Chorales begun in Beginning Harmony. Added to harmonic

†A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
material already studied are the uses of altered chords, including the augmented sixth chords and Neapolitan sixths, non-chord tones and remote modulations. The student is expected to harmonize chorale melodies in the style of J. S. Bach by the time the course is completed. Most of the second semester will be used in the study of chords used since Bach and in establishing a foundation for writing in a contemporary style. Prerequisite: Beginning Harmony MU-111 and MU-112.

221-222 Advanced Ear Training—1 credit

A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, solfeggio and dictation in two, three, and four parts. Students will be expected to play at the keyboard, the more simple forms of the basic chords in four parts. Prerequisite: Beginning Early Training MU-121 and MU-122, and at least one year of piano, or concurrent piano study.

259-260 String Instrumental Techniques and Methods—1 credit Each semester

Primarily for Music Education majors, this course deals with methods and materials of string class teaching in public schools, while providing the student a basic performing technique on two or more of the orchestral string instruments.

Upper Division

301 Percussion Techniques and Methods—1 credit Either semester

This class is designated to meet the needs of students majoring in Music Education and will serve to familiarize and train the student in the use of the normal percussion instruments found in public school work.

303-304 Music History—2 credits Each semester

A survey course designed to familiarize the student with the broad history of music from its earliest times to the present day. Prerequisite: Music Literature MU-103 and MU-104 and Beginning Harmony MU-111 and MU-112.

313-314 Keyboard Harmony and Basic Improvisation—2 credits Each semester

The student will learn to play in strict four part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and be instructed in the basic materials for improvising at the piano and organ. Prerequisite: Beginning Harmony MU-111 and MU-112, and Beginning Ear Training MU-121 and MU-122 for students majoring in piano or organ. For non-keyboard majors, the student must have had one to two years piano study.

321-322 Counterpoint—2 credits Each semester

A study of the 16th century composition techniques. The C clefs will be used and the student will write in two, three, and four parts, using the five classic species of counterpoint. If time permits the writing will be extended to include five and six parts and original compositions in the style. Prerequisite: Advanced Harmony MU-211, 212. Completion of MU-221 and MU-222 is desirable.

340 A Cappella Choir—1 credit Each semester

A course in unaccompanied singing. Open to all college students but an audition is required for participation in the course. The choir tours annually. Maximum 4 credits.

341 A Cappella Choir—2 credits Each semester

A course in unaccompanied singing which meets daily. Open to all college students but an audition is required for participation in the course. The choir tours annually. Maximum 8 credits in any combination of MU-340 and MU-341.

345 Opera Workshop—1 credit Each semester

A course in the study and production of operas. Permission of instructor required to register for course. Maximum 4 credits.

350 Instrumental Ensemble—1 credit Each semester

A course designed to promote playing in small ensembles. A public performance is required each semester. Maximum 4 credits.

351 Orchestra—1 credit Each semester

The Boise College Community Symphony is composed of students and experienced musicians of the community and prepares several concerts each season from the standard symphonic repertoire. An elective for non-music majors. Audition required of new students. Maximum 4 credits.
355 Band—1 credit  
An elective open to all students who can play a band instrument. Maximum 4 credits.

357 Accompanying—1 credit  
Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum 2 credits.

359-360 Brass Instrumental Techniques and Methods—1 credit Each semester  
Primarily for Music Education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with a basic performing technique on two or more of the brass instruments.

361-362 Conducting—2 credits  
An intensive course in baton technique, score reading, and choral and instrumental conducting. The class and larger ensemble groups are used as laboratories for conducting experience. Prerequisites: Beginning Harmony, Beginning Ear Training, Music Literature, One year of Applied piano or equivalent.

363, 364 Woodwind Instrumental Techniques and Methods—1 credit Each semester  
Primarily for Music Education majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic performing technique on two or more of the woodwind instruments.

371 Public School Music—2 credits  
Materials, methods and problems relating to classroom music in grades one through six. Prerequisite: Music Fundamentals MU-101 or equivalent.

385-386 Choral Methods and Materials—1 credit Each semester  
Designed for Music Education majors who will teach vocal groups in junior and senior high schools. A practical workshop in selection and conducting choral materials.

411-412 Form and Analysis—2 credits  
The student will analyze the harmony and formal structure of representative works of standard musical literature of the Baroque, Classic, Romantic, Post Romantic, and Contemporary periods. Prerequisite: Advanced Harmony MU-211 and MU-212; a course in Counterpoint would be helpful.

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

421 Canon and Fugue—2 credits First semester  
An analytical study in the formation of the fugue. Fugue subjects and answers will be studied and the student will be expected to write original canons in the various intervals as well as fugal expositions in four voices. Prerequisite: Advanced Harmony MU-211 and MU-212, and Counterpoint MU-321 and MU-322.

453-454 Orchestral and Choral Arranging—2 credits Each semester  
A required course for Theory and Composition majors, and an elective for other music students. The student will arrange for various orchestral and vocal combinations. Prerequisite: Beginning Harmony MU-111 and MU-112, and Advanced Harmony MU-211 and MU-212.

475-476 Music Composition—2 credits Each semester  
Designed for Theory and Composition Majors. The course instructs the student to compose in the larger forms, as well as in the simpler ones. Composing for various instruments and voices will be explored. Prerequisite: Beginning Harmony MU-111 and MU-112, Advanced Harmony MU-211 and MU-212 and Counterpoint MU-321 and MU-322. Non-composition majors may register with permission of the instructor.

498 Music Seminar—2 credits Second semester  
A Seminar project, under faculty direction for students majoring in Theory and Composition. The theory and composition student may meet these requirements with a recital of original compositions. Prerequisite: Senior standing.
# Boise State College

## AN ANTHROPOLOGY (78)

### Lower Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>201</td>
<td>Physical Anthropology—3 credits</td>
<td></td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>An introduction to the fossil evidence for human evolution, population genetics, human variation, and the study of living primates with emphasis on behavior.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>202</td>
<td>Cultural Anthropology—3 credits</td>
<td></td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>The meaning of culture; its significance for human beings; similar and diverse forms and degrees of elaboration of culture in relation to technology, economic systems, social organization, values and beliefs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Upper Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>Primitive and Peasant Peoples of the World—3 credits</td>
<td></td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>A cultural study of non-industrial people throughout the world, with emphasis on economics, social organization, and subsistence patterns. Prerequisite: Cultural Anthropology, AN-202.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>303</td>
<td>Old World Prehistory—3 credits</td>
<td></td>
<td>To be offered 1969-70</td>
</tr>
<tr>
<td></td>
<td>A review of the “stone age” (Paleolithic, Mesolithic, and Neolithic) cultures of Europe, Africa, and the Middle East. Prerequisite: Cultural Anthropology, AN-202.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>307</td>
<td>Indians of North America—3 credits</td>
<td></td>
<td>To be offered 1969-70</td>
</tr>
<tr>
<td></td>
<td>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: Cultural Anthropology AN-202.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>341</td>
<td>Principles of Archeology—3 credits</td>
<td></td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>Development of archeology as an anthropological study; objectives and methods of modern archeology; prehistory and growth of culture; origins and early development of civilization in the Old and New worlds. Prerequisite: Cultural Anthropology AN-202.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## GG GEOGRAPHY (79)

### Lower Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Introduction to Geography—3 credits</td>
<td></td>
<td>Either</td>
</tr>
<tr>
<td></td>
<td>A comprehensive survey of various environments of man in a study of world patterns and major regions with emphasis on the utilization of globes, interpretation and construction of maps. The course introduces basic concepts and techniques used in geography, utilization of natural resources, distribution of population and outstanding problems of each region.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## PY PHILOSOPHY (72)

### Lower Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Introduction to Philosophy—3 credits</td>
<td></td>
<td>Each</td>
</tr>
<tr>
<td></td>
<td>The main problems in philosophy. Selected readings from the works of several major philosophers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>211</td>
<td>Ethics—3 credits</td>
<td></td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>The development of ethical thought, with the object of deriving a standard for governing individual and social conduct.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>221</td>
<td>Logic—3 credits</td>
<td></td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>Valid and invalid methods of reasoning with special attention to the function of logic in the methods of science. Prerequisite: Sophomore standing or Introduction to Philosophy PY-101.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>231</td>
<td>Philosophy of Religion—3 credits</td>
<td></td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>An inquiry into the nature of religious belief, the concept of God, the problem of evil and representative ideas of great religions. Prerequisite: PY-101 or PY-211.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## PO POLITICAL SCIENCE (74)

### Lower Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Federal Government—3 credits</td>
<td></td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>A study of the institutions and processes of the American political system; emphasizing the social, ideological, and constitutional background.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Semester</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td>----------------</td>
</tr>
<tr>
<td>102</td>
<td>State and Local Government</td>
<td>3</td>
<td>Second semester</td>
</tr>
<tr>
<td>111</td>
<td>International Relations</td>
<td>3</td>
<td>Either semester</td>
</tr>
<tr>
<td>211</td>
<td>Model United Nations Study Group</td>
<td>1</td>
<td>Second semester</td>
</tr>
<tr>
<td>301</td>
<td>American Politics</td>
<td>3</td>
<td>First semester</td>
</tr>
<tr>
<td>311</td>
<td>World Politics</td>
<td>3</td>
<td>Second semester</td>
</tr>
<tr>
<td>321</td>
<td>Comparative Government in Europe</td>
<td>3</td>
<td>First semester</td>
</tr>
<tr>
<td>322</td>
<td>Comparative Government in the Western Pacific</td>
<td>3</td>
<td>Second semester</td>
</tr>
</tbody>
</table>

**Upper Division**

**SO SOCIOLOGY (78)**

**Lower Division**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Introduction to Sociology</td>
<td>3</td>
<td>Each semester</td>
<td>Introduction to the sociological perspective; analysis of the basic elements of human groups and societies; culture, social organization, socialization; inequality, and population.</td>
</tr>
<tr>
<td>102</td>
<td>Social Problems</td>
<td>3</td>
<td>Each semester</td>
<td>Application of the sociological perspective to contemporary problems associated with the structure of American society. Prerequisite: Introduction to Sociology SO-101 or General Psychology P-101.</td>
</tr>
<tr>
<td>121</td>
<td>Preparation for Marriage and Family Life</td>
<td>2</td>
<td>Each semester</td>
<td>A study of the factors that are likely to be of some practical help for young people in the selection of a marriage partner and in making the necessary adjustments of marriage and family life. Open to all college students.</td>
</tr>
</tbody>
</table>
250 Population—3 credits To be offered 1969-70
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.

Upper Division

305 Racial and Cultural Minorities—3 credits Second semester
Analysis of inter-ethnic contacts with emphasis on the American Negro.
The development of racial attitudes; theories relating to causal factors of pre-
judice and discrimination. Prerequisite: Introduction to Sociology SO-101 or
General Psychology P-101.

311 Social Research—3 credits Second semester
An introduction to the empirical basis of modern sociology; methods of
research design and the statistical analysis of social data. Prerequisite: Intro-
duction to Sociology SO-101 and Statistical Methods P-305.

321 American Society—3 credits First semester
An analysis of American society in terms of the growth, structure, and
change of its major social institutions; economy, government, religion, education
and family. Prerequisite: Introduction to Sociology SO-101.

331 Deviant Behavior and Social Control—3 credits Second semester
An analysis of the forms and causes of social deviancy, how social sys-
tems control behavior through the socializing process, the sanction system and
the allocation of prestige and power. Prerequisite: Introduction to Sociology
SO-101. This course may be used as either Sociology or Criminology credit.

351 Social Institutions—3 credits To be offered 1969-70
Study of the basic institutions. An analysis of values, norms, and behavior
organized around the important goals of society. Prerequisite: Introduction
to Sociology SO-101.

361 Industrial Sociology—3 credits To be offered 1969-70
Study of the social organization of work with attention to internal human relations and to the external relations in the community. Prerequisite: Introduction to Sociology SO-101.

401-402 Social Theory—3 credits Each semester
First semester — The history of social thought traced through the major
writers and ideas which have contributed to the development of contemporary
sociological thinking. Second semester — An analysis of contemporary socio-
logical theories, including exchange theory, structural functionalism and sym-
bolic interactionism. Prerequisite: Introduction to Sociology SO-101.

Offered in alternate years (68-69). Recommended for Social Science Majors
in Junior or Senior year.

415 Juvenile Delinquency—3 credits First semester
A study of causation, treatment, and control of juvenile delinquency. Pre-
requisite: Introduction to Sociology SO-101. This course may be used as a
Sociology or Criminology credit.

417 Criminology—3 credits Second semester
Crime, criminals, and control. Prerequisite: Introduction to Sociology
SO-101. This course may be used as a Sociology or Criminology credit.

421 Social Stratification—3 credits Second semester
Examination of the theoretical and methodological problems in the study
of the wealth, prestige and power distribution of local and national stratifi-
cation systems; implications for the functioning of communities with em-
phasis on the problems of poverty. Prerequisite: Sociology SO-101.

425 The Urban Community—3 credits First semester
An examination of the changing growth, demographic, stratification and
institutional structure of urban communities; the causes of urbanization and
its consequences for individual and group interaction. Prerequisite: Introduc-
tion to Sociology, SO-101.

†A hyphen between course numbers indicates that the first numbered course is a prerequisite
to the second numbered course; a comma between course numbers indicates either course may
be taken independently of the other.
SW SOCIAL WORK (77)

101 Introduction to Social Work—2 credits Each semester
Survey of the field of social welfare, and the need for social services in
society. Social work functions, and career opportunities.

301 Social Welfare—3 credits Fall semester
Social welfare as an institution. Evolution of that institution from
medieval times to the present. Origin of attitudes; man and his needs;
public versus private social responsibility. Prerequisite: Introduction to Soci-
ology SO-101.

302 Social Welfare and Social Change—3 credits Spring semester
A study of social forces and their impact on the individual, on social
problems and on social institutions. Prerequisite: Introduction to Sociology
SO-101.

401 Philosophy of Social Work—3 credits Fall semester
Evolution of social work philosophy. Study of goals and values of the
profession. Prerequisite: Social Welfare SW-301.

402 Social Work Processes—3 credits Spring semester
An examination of skills employed to serve individuals, groups, and
communities: interviewing, case work, group work, case recording. Prerequi-

421-422 Field Observation—2 credits Each semester
Supervised experience and observation with cooperating public and
voluntary social work agencies in the Ada County area. Prerequisite: Social
Welfare, SW-301 and SW-302, and enrollment in SW-401 (First Semester)
and SW-402 (Second Semester.)
DIVISION OF SCIENCE AND HEALTH

CHAIRMAN: Donald J. Obee, Ph.D.

**Departments and Faculty**

**DEPARTMENT OF BIOLOGY AND HOME ECONOMICS:** Dr. Fritchman, Chairman

- **Professor:** Obee
- **Associate Professors:** Allison, Moore, Wylie
- **Assistant Professors:** Belknap, Fuller, Papenfuss, Wood, Baker
- **Instructor:** Moore.

**DEPARTMENT OF CHEMISTRY AND EARTH SCIENCE:** Dr. Spulnik, Chairman

- **Associate Professors:** Dalton, Emerson, Hibbs, Peterson, Warner, Hollenbaugh, Banks

**DEPARTMENT OF MATHEMATICS:** Dr. Maloof, Chairman

- **Associate Professor:** Winans
- **Assistant Professors:** Hunt, Smartt, Young
- **Instructors:** Frederick, Ott, Wenski, Morrell

**DEPARTMENT OF PHYSICS, ENGINEERING AND PHYSICAL SCIENCE:** Dr. Newby, Chairman

- **Professor:** Dahm
- **Associate Professor:** Stark
- **Assistant Professors:** Hahn, Keller, Luke

**DEPARTMENT OF HEALTH SERVICES:** Dr. Obee, Acting Chairman

- **Associate Professor:** Retzlaff
- **Assistant Professor:** Fuller
- **Instructors:** (Medical Record Librarian) (Physical Therapist)

**DEPARTMENT OF REGISTERED NURSING:** Miles, Chairman

- **Associate Professor:** Miles
- **Assistant Professor:** Kelly
- **Instructors:** Crowson, Flanary, Fountain, Goodwin, Keller, Fleming, Thomason, Truby

**NOTE:** In addition to the above, personnel from the local medical association and the State Health Laboratory serve as guest lecturers and part-time instructors.

In this complex, diversified and automated world, man is constantly seeking truth. This search is enhanced by knowledge. The acquiring of knowledge must begin with a thorough study and understanding of fundamental principles and concepts.

Recent advances and discoveries in the scientific world have lead to technological progress that has changed man's environment. The Division of Science and Health is dedicated to help man understand and function in this changing world.

**Objectives**

1. To offer programs of study leading to a baccalaureate degree in Chemistry, Earth Science, Mathematics, Biology, Environmental Health, Pre-Medical and Medical Technology.

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

*School of Science personnel whose student loads consist largely of students in the Health Professions curricula.
3. To offer elective and service courses for students majoring in other schools.
4. To offer a program of study in the Sciences for the secondary school teacher.

DEPARTMENT OF BIOLOGY & HOME ECONOMICS

REQUIREMENTS FOR BIOLOGY MAJOR

I. BACHELOR OF SCIENCE OPTION

1. General College and Baccalaureate Degree Requirements see pages 37-38.
2. Major Requirements.
   A. Biology .................................................. 40 credits
      1. General Zoology and General Botany
         or General Biology plus first semester Botany and second semester zoology ... 16
      2. General Bacteriology or Systematic Botany  ......................... 4-5
      3. Plant or animal physiology .............................. 4
      4. Comparative Anatomy or Vertebrate Embryology ................. 4
      5. Field Biology class (Ecology or Field Biology) .............. 4
      6. Seminar (maximum of 2 credits) ........................ 2
      7. Upper division biology classes to total
         a minimum of 20 upper division credits ... 5-6
   B. Chemistry ................................................. 16 credits
      1. General Chemistry ................................... 10
      2. Organic Chemistry .................................. 6
   C. Mathematics ............................................. 8 credits
      1. Freshman Mathematics ................................ 8
3. Recommended Electives ........................................ 17 credits
   1. Physics
   2. Earth Sciences
   3. Chemistry
   4. Language

II. SECONDARY EDUCATION OPTION

1. General College and Baccalaureate Degree Requirements see pages 37-38.
2. Major requirements:
   A. Biology
      The same as for a Biology major ......................... 40 credits
   B. Chemistry
      The same as for a Biology major ....................... 16 credits
   C. Mathematics
      The same as for a Biology major ....................... 8 credits
3. Education Requirements ..................................... 20 credits
   Foundations of Education
   Educational Psychology
   Secondary School Methods
   Secondary Student Teaching
   Education Electives

BIOLOGY MAJOR
Bachelor of Science
(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Botany or Zoology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>
### Science and Health

#### Sophomore Year:
- Gen. Botany or Zoology: 4
- Bacteriology or Systematic Botany: 5
- Element. Organic Chem.: 3
- History: 3
- Literature: 3

**Total:** 13-18

#### Junior Year:
- Field Biology or Ecology: 4
- Comparative Anatomy or Vertebrate Embryology: 4
- Genetics: 4
- Plant or Animal Physiology: 4
- General Baccalaureate requirements: 9

**Total:** 17

#### Senior Year:
- Seminar: 1
- Upper Division electives: 16

**Total:** 17

### SECONDARY EDUCATION OPTION, BIOLOGY

#### Bachelor of Science
(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Gen. Botany or Zoology</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>17</td>
<td>17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Year</td>
<td>1st Sem.</td>
<td>2nd Sem.</td>
<td>1st Sem.</td>
<td>2nd Sem.</td>
</tr>
<tr>
<td>Gen. Botany or Zoology</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>General Bacteriology or Systematic Botany</td>
<td>5</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ele. Organic Chemistry</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core electives</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>18</td>
<td>17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Junior Year:***
- History: 3
- Foundations of Education: 3
- Educational Psychology: 3
- Literature: 3
- Field Biology or Ecology: 4
- Plant or Animal Physiology: 4
- Comparative Anatomy or Vertebrate Embryology: 4
- Genetics: 4

**Senior Year:**
- Secondary School Methods: 3
- Secondary Student Teach.: 6
- Biology Seminar: 1

**Total:** 17

### FORESTRY AND WILDLIFE MANAGEMENT

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Gen. Chemistry</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Botany</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Forestry</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>4-5</td>
<td>4-5</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Systematic Botany</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>—</td>
<td>16-17</td>
<td>18-19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sophomore Year:**
- Elements of Surveying: 2
- Technical Drawing: 2
- Engineering Graphics: 2
- Intro. to Public Speaking: 2
- General Zoology: 4
- General Physiology: 4
- Principles of Economics: 3

**Total:** 15

*Wildlife management majors should take a full year of Zoology. Forestry majors may take Geology instead of Zoology the second semester.

**To be determined by math placement score. To transfer to University of Idaho, College of Forestry should have completed Freshman Engineering Mathematics, M-112.*
HOME ECONOMICS CURRICULUM

This curriculum is designed for those students who are interested in a professional career in home economics. Students whose interest is preparation for home making are not required to register for laboratory science. Prior to registering, a student should, if possible, determine the school in which she will enroll for her upper division training so that registration can be made with the requirements of the prospective school in mind.

Freshman Year:

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory Science</td>
<td>4</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Home Economics</td>
<td>1</td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
</tr>
<tr>
<td>Design and Color Composition</td>
<td>2</td>
</tr>
<tr>
<td>Textiles</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
</tr>
<tr>
<td>*Electives</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sophomore Year:

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>House Planning</td>
<td></td>
</tr>
<tr>
<td>Introduction to Foods</td>
<td></td>
</tr>
<tr>
<td>Home Furnishings</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (History, Political Science)</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>Physiology</td>
<td>4</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>1</td>
</tr>
<tr>
<td>**Electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

DEPARTMENT OF CHEMISTRY & EARTH SCIENCE

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:

E. General College and Baccalaureate Degree Requirements. See pages 37-38.

2. Major Requirements:

A. Chemistry

<table>
<thead>
<tr>
<th></th>
<th>45 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Chemistry</td>
<td>10</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>4</td>
</tr>
<tr>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry Preparations</td>
<td>2</td>
</tr>
</tbody>
</table>

B. Mathematics

Completion of Mathematics through Calculus M-206.

B. Mathematics

10-18 credits

C. Engineering Physics

10 credits

3. Recommended Electives

Foreign Language
Upper Division Mathematics
Upper Division Physics
Life Science Courses

*Recommended Electives: Costume Analysis and Design, Clothing Selection.

**Journalism recommended.
II. Secondary Education Option:

1. General College and Baccalaureate Degree Requirements. See pages 37-38.

2. Major Requirements:
   A. Chemistry
      - General Chemistry ........................................................................ 10 credits
      - Organic Chemistry ........................................................................ 10 credits
      - Physical Chemistry ........................................................................ 8 credits
      - Analytical Chemistry .................................................................... 5 credits
      - Advanced Inorganic Chemistry ....................................................... 4 credits
      - Chemistry Seminar ......................................................................... 2 credits
   B. Mathematics
      - Completion of Mathematics through Calculus M-206. .................. 10-18 credits
   C. Engineering Physics ........................................................................ 10 credits

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

---

**CHEMISTRY MAJOR**

**Liberal Arts**

(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>4-5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>P.E.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16-17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4-5</td>
</tr>
<tr>
<td>Engineering Physics</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Physical Chemistry</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Analytical Chemistry</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>12</td>
<td>6</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Chemistry Seminar</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Inorganic</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Instrumental Analysis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Chemistry Preparations</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>16</td>
</tr>
</tbody>
</table>

---

**CHEMISTRY MAJOR**

**Secondary Education Option**

(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>4-5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16-17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Engineering Physics</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Degree requirements</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>
### REQUIREMENTS FOR EARTH SCIENCE MAJOR

#### I. Liberal Arts Option:

1. **General College and Baccalaureate Degree Requirements.** See pages 37-38 for Graduation Requirements.

2. **Major Requirements:**
   - A. **Geology**
     - Physical Geology ........................................ 4 credits
     - Historical Geology ...................................... 4 credits
     - Oceanography ............................................ 2 credits
     - Astronomy or Meteorology ............................... 3 credits
     - Sedimentology .......................................... 4 credits
     - Stratigraphy ............................................ 4 credits
     - Structural Geology .................................... 4 credits
     - Geomorphology .......................................... 3 credits
     - Minerology .............................................. 4 credits
     - Paleontology ........................................... 4 credits
     - Ground Water .......................................... 3 credits
   - B. **General Chemistry** .................................. 10 credits
   - C. **General Physics** .................................... 8 credits
   - D. **Mathematics**
     - Completion of Mathematics through Calculus M-205. 14 credits
   - E. **Technical Drawing** .................................. 2 credits

#### II. Secondary Education Option:

1. **General College and Baccalaureate Degree Requirements.** See pages 37-38 for Graduation Requirements.

2. **Major Requirements:**
   - A. **Geology**
     - Physical Geology ........................................ 4 credits
     - Historical Geology ...................................... 4 credits
     - Oceanography ............................................ 2 credits
     - Astronomy or Meteorology ............................... 3 credits
     - Sedimentology .......................................... 4 credits
     - Stratigraphy ............................................ 4 credits
     - Mineralogy or Paleontology ........................... 4 credits
     - Ground Water .......................................... 3 credits
   - B. **General Chemistry** .................................. 10 credits
   - C. **General Physics** .................................... 8 credits
   - D. **Mathematics**
     - Completion of Mathematics through Calculus M-205. 14 credits
   - E. **Technical Drawing** .................................. 2 credits

3. **Education Requirements**
   - The following are required for Secondary Teaching Certification in Idaho:
     - **Foundations of Education** .............................. 3 credits
EARTH SCIENCE MAJOR

(Suggested Program)

**Liberal Arts**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Structural Geology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>4</td>
<td>—</td>
<td>Stratigraphy</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Historical Geology</td>
<td>—</td>
<td>4</td>
<td>Sedimentology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
<td>Geomorphology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
<td>3</td>
<td>Degree Requirements or Electives</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td></td>
<td>14</td>
<td>16</td>
</tr>
</tbody>
</table>

**Sophomore Year:**

| Oceanography | — | 2 | Minerology | 4 | — |
| Mathematics | 4 | — | Paleontology | — | 4 |
| Astronomy, Meteorology | — | 3 | Ground Water | 3 | — |
| General Chemistry | 5 | 5 | Degree Requirements or Electives | 10 | 12 |
| Technical Drawing | 2 | — | | | |
| General Physics | 4 | 4 | | | |
| Degree Requirements | — | 3 | | | |
| | 15 | 17 | | | |

**EARTH SCIENCE MAJOR**

(Suggested Program)

**Secondary Education Option**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Sedimentology</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>4</td>
<td>—</td>
<td>Stratigraphy</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Historical Geology</td>
<td>—</td>
<td>4</td>
<td>General Physics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
<td>Educational Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
<td>3</td>
<td>Foundations of Education</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Degree Requirements or Electives</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

**Sophomore Year:**

| Oceanography | — | 2 | Minerology or Paleontology | 4 | — |
| Meteorology, Astronomy | — | 3 | Ground Water | 3 | — |
| Mathematics | 4 | — | Secondary School Methods | 3 | — |
| General Chemistry | 5 | 5 | Second Year Student Teach. | 6 | — |
| Technical Drawing | 2 | — | Education Electives | 3 | 2 |
| General Psychology | — | 3 | Degree Requirements or Electives | 3 | 7 |
| Degree Requirements or Electives | 6 | 3 | | | |
| | 17 | 16 | | 16 | 15 |

**REQUIREMENTS FOR MATHEMATICS MAJOR**

(Bachelor of Arts or Bachelor of Science Programs)

1. **Liberal Arts Option:**
   1. College requirements for B.A. or B.S. degree, see pages 37-38.
2. Major Requirements:
   A. Mathematics requirements:
      Lower division Mathematics through M-206 27 credits
      Upper division Mathematics (to include Modern Algebra, 6 credits)
   B. Physics requirements:
      Engineering physics 10 credits
   C. Language requirements
      0-16 credits
      Students planning to do graduate work in mathematics are advised to take the equivalent of 16 credits in either French or German.

3. Electives (recommended: Logic, upper division Physics.)

II. Secondary Education Option:
1. College requirements for B.A. or B.S. degree, see pages 37-38.
2. Mathematics requirements
   Lower division Mathematics through M-206
   Upper division Mathematics (to include Modern Algebra, 6 credits; Foundations of Geometry, 6 credits; and Probability and Statistics, 6 credits.) 18 credits
3. Education requirements 20 credits
4. Electives

### MATHEMATICS

#### Liberal Arts

(Suggested Program)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Linear Algebra</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
<td>Abstract Algebra</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Algebra and Trigonometry</td>
<td>5</td>
<td>4 or 5</td>
<td>Foundations of Geometry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Calculus</td>
<td>4 or 5</td>
<td>4 or 5</td>
<td>French or German</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>1</td>
<td>1</td>
<td>Differential Equations</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Social Science (core elect.)</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**16 or 17 16 or 17**

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st 2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature</td>
<td>3 3</td>
</tr>
<tr>
<td>Calculus</td>
<td>4 4</td>
</tr>
<tr>
<td>Engineering Physics</td>
<td>5 5</td>
</tr>
<tr>
<td>French or German</td>
<td>4 4</td>
</tr>
</tbody>
</table>

**16 16**

### MATHEMATICS

#### Secondary Education Option

(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>Sophomore Year:</th>
<th>1st 2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Literature</td>
<td>3 3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
<td>Calculus</td>
<td>4 4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
<td>Humanities Elective</td>
<td>3 3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
<td>Science Elective</td>
<td>4 or 5 4 or 5</td>
</tr>
<tr>
<td>Elective or college requirement</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**15 15**

*Must have either 45 hours of Mathematics or 30 hours of Mathematics and 20 hours in a minor area for secondary certification in Idaho.

**B.S. degree requires a 4-year sequence, B.A. degree requires only one semester.
### Science and Health

#### Junior Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Algebra</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Abstract Algebra</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Geometry</td>
<td>3</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>Education Electives</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Electives and or college requirements</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>17</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>Probability and Statistics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Secondary Methods</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Secondary Student Teach.</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Electives to Complete</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major or Minor</td>
<td>3 to 5</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>6 to 9</td>
</tr>
<tr>
<td></td>
<td>17 or 18</td>
<td>13 or 14</td>
</tr>
</tbody>
</table>

**ENGINEERING CURRICULUM**

The following curricula are, as nearly as possible, parallel to the corresponding curriculum at the University of Idaho. A student who plans to complete his baccalaureate degree at some other University should secure a catalog from that institution and, with his advisor, select a course of study that is compatible with the curriculum of that University.

### Common Freshman Year: (All Engineering Majors)

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Algebra and Trigonometry</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Chemistry for Engineers</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Technical Drawing</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Engineering Graphics</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Engineering Orientation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Calculus</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

### Common Sophomore Core: (All Engineering Majors)

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Engineering Physics</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mechanics (Statics)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Mechanics (Dynamics)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>12</td>
</tr>
</tbody>
</table>

### Agricultural Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Sophomore Core</td>
<td>14</td>
<td>12</td>
</tr>
<tr>
<td>Plane Surveying</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Electrical Engineering</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Humanistic-Social Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>18</td>
</tr>
</tbody>
</table>

### Chemical Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Sophomore Core</td>
<td>14</td>
<td>12</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>17</td>
</tr>
</tbody>
</table>

### Civil Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Sophomore Core</td>
<td>14</td>
<td>12</td>
</tr>
<tr>
<td>Plane Surveying</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physical Geology</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

---

*Not required for Chemical Engineering and Electrical Engineering Majors. Substitute Introduction to Electrical Engineering, EN-221.
**Boise State College**

**Sophomore Year: Electrical Engineering**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Sophomore Core</td>
<td>14</td>
</tr>
<tr>
<td>Network Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Machine Tool Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>Humanistic-Social Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>18</td>
</tr>
</tbody>
</table>

**Mechanical Engineering**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Sophomore Core</td>
<td>14</td>
</tr>
<tr>
<td>Humanistic-Social Elective</td>
<td>3</td>
</tr>
<tr>
<td>Machine Tool Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Electrical Engineering</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

**Architectural Design**

For those students who do not take Architectural Engineering.

**Freshman Year:**

- English Composition 3 credits
- Technical Drawing 2 credits
- Architectural Drafting 4 credits
- General Physics 5 credits
- Freshman Engineering Math 5 credits
- Architectural Graphics 2 credits
- Physical Education Activities 1 credit
- Elective, Humanities 2-3 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Technical Drawing</td>
<td>2</td>
</tr>
<tr>
<td>Architectural Drafting</td>
<td>4</td>
</tr>
<tr>
<td>General Physics</td>
<td>5</td>
</tr>
<tr>
<td>Freshman Engineering Math</td>
<td>5</td>
</tr>
<tr>
<td>Architectural Graphics</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
</tr>
<tr>
<td>Elective, Humanities</td>
<td>2-3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

**COURSE OFFERINGS**

**BILOGICAL SCIENCES**

**BIOLOGY (38)**

**Lower Division**

- 101-102 General Biology 4 credits
  A general introduction into the study of plant and animal life, with an interpretation of the principles of morphology, physiology, ecology, embryology, and genetics as represented by both types of organisms. Emphasis on the above principles is placed on their relationship to man. This course is recommended for those students taking only a single course in biological sciences. Students taking more than one year of biological science should take Botany and Zoology rather than General Biology. Three lectures, and one 2 hour laboratory period per week.

- 201 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 2-hour laboratory periods a week. Prerequisite: General Chemistry C-111 and C-112, Elementary Organic Chemistry C-207 is recommended.

- 205 Microbiology 3 credits
  Designed for pre-nursing and Home Ec. students. A study of microorganisms causing infectious diseases and contamination of foods. Principles of sterilization and disinfection are included along with examination of food, water, blood, milk, and excreta. Two lectures and one two-hour laboratory period per week.

**Upper Division**

- 301 Organic Evolution 3 credits
  A survey of the various lines of evidence supporting theories of evolution as reflected primarily in the various classes of the vertebrates. The evolution of body systems in representative vertebrates will be given thorough consideration. Prerequisite: One year of basic biological science courses.

†A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between courses numbers indicates either course may be taken independently of the other.
310 Pathogenic Bacteriology—4 credits  Second semester
A course emphasizing the cultural, biochemical and morphological characteristics of the more important species of disease-producing bacteria. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology.

341 General Genetics—4 credits  First semester
The facts of heredity, basic and advanced. Three lectures and one three-hour laboratory period per week. Prerequisite: A year's study in college biology, botany or zoology.

361 Field Biology—4 credits  First semester
An introduction to the methods for the investigation of animal and plant populations and natural communities; methods of animal and plant collection and preservation; emphasis on field identification; emphasis on the life habits or natural history of plants and animals. Two lectures and 2 three-hour laboratory periods per week, with much work being done in the field. Prerequisite: one year of college biology, botany, zoology, or any year combination thereof.

410 Food Microbiology—4 credits  Second semester
A course concerned with those species of micro-organisms of economic importance to food and fermentation industries as they relate to problems of food poisoning and food-borne infections, pollution, spoilage, spoilage control and sanitation. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology.

*421 General Ecology—4 credits  Second semester
A study of the interrelationships between plants and animals as determined by environmental factors. Emphasis will be placed on the composition and behavior of plant and animal communities. Three lectures and one 3-hour laboratory period per week. Prerequisite: one year of General Botany, Zoology, or Biology.

490 Senior Research—1-3 credits  Either semester
A course for mature students who are ready to undertake individual investigations. One to three credits per semester with a maximum of 4 credits to count towards the degree. Restrictions: Permission of the instructor, Department Chairman and Dean of the School in writing; Cumulative GPA of 2.75; senior standing (96 credits); registration only at regularly scheduled time.

498, 499 Biology Seminar—1 credit  Each semester
A review of current literature on selected topics. Prerequisite: Senior standing and permission of Division Chairman.

**BT BOTANY (39)**

**Lower Division**

101-102 General Botany—4 credits  Each semester
A study of the plant kingdom and its relation to human welfare. The relationship of plants to their environment, the structure of roots, stems, leaves and flowers, reproduction and heredity in plants, and the identification of some common species of local flora observed on field trips is also included. Two lectures and two 2-hour laboratory periods per week.

201 Systematic Botany—4 credits  Second semester
A laboratory field and lecture course. The various systems of classification, and the use of keys and manuals are employed in identifying collected specimens of local flora. Two lectures and two 2-hour laboratory periods per week or equivalent field trips. Prerequisite: General Botany BT-101.

**Upper Division**

301 Plant Physiology—4 credits  First semester
This course is designed to acquaint the student with the physical and chemical processes of plant body functions. It includes a study of cellular tissue and organ functions, the mineral requirements of the plant, its metabolism, water uptake, photosynthesis, compounds synthesized by plants and a brief discussion of soil chemistry. Prerequisites: General Botany, Math 105-106, General Chemistry 111-112.

*Fall semester; invertebrates: Spring semester; chordates, ecology, genetics, and evolution.
Plant Anatomy—3 credits
This course is designed to acquaint the student with the internal structure of plant tissues, tissue systems and organs from a developmental standpoint. The study will be limited to the higher plants with emphasis on the Angiosperms. Two lectures and two 2-hour labs. Prerequisite: General Botany.

FS FORESTRY (41)

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

Z ZOOLOGY (50)

101-102 General Zoology—4 credits
The fundamentals of animal structure, physiology, adaptations, development, heredity, evolution, and life histories. Two lectures, one examination period, and two 2-hour laboratory periods per week.

107 Human Physiology and Anatomy—4 credits
For students in Home Economics and Pre-Nursing. Designed to give a general knowledge of the more important physiological problems and of the anatomical structure and functions of the human body. Three lectures and two 2-hour laboratory periods per week. Not open for credit to students who have completed General Zoology Z-101 and Z-102.

Upper Division

301 Comparative Anatomy—4 credits
Dissection and study of representative types of vertebrates, together with lectures and discussions of general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two 3-hour laboratory periods per week. Prerequisite: General Zoology Z-101 and Z-102 or consent of instructor. Offered alternate years with Vertebrate Embryology Z-351.

305 Entomology—4 credits
A study of the biology of insects with emphasis on their ecology, classification, morphology, physiology, and control. The course will include practice in collecting and identification of local species. Two lectures and two 3-hour laboratory periods per week. Prerequisite: One semester of Biology or Zoology.

341 Ornithology—3 credits
A lecture, laboratory and field course dealing with the classification, structure, identification, distribution and behavior of birds. Two lectures and one two-hour laboratory period per week. Prerequisite: one year of college biology, botany, zoology, or any year combination thereof.

351 Vertebrate Embryology—4 credits
Details of development of the vertebrate body with emphasis on human embryology in lecture and on chick and pig in laboratory. Two lectures and two three hour laboratories per week. Prerequisite: one year of college biology or zoology. Offered alternate years with Comparative Anatomy Z-301.

361 Microtechnique—3 credits
A study of the theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and whole mounts, and histochemical techniques. One hour lecture and two 3-hour laboratory periods. Prerequisite: General Zoology or approval of the instructor.

365 Animal Histology—4 credits
A course dealing with the microscopic anatomy of cells, tissues, and organ systems of animals with major emphasis on mammalian systems. Two one-hour lectures and two 3-hour laboratories. Prerequisite: General Zoology or approval of the instructor.

401 Vertebrate Physiology—4 credits
Lectures and laboratory exercises in animal physiology dealing with the basic physiological functions of cells, tissues, and organ systems of vertebrate animals. Prerequisite: General Chemistry C-111 and 112, General
Zoology Z-101 and 102, or General Biology B-101 and 102. General Physics PH-101 and 102, and Organic Chemistry C-217 and 218 are recommended. Three lectures and one 3-hour laboratory period per week.

421 Mammalogy—3 credits
Second semester
A lecture, laboratory and field course dealing with the classification, identification, structure, distribution, and life habits of mammals. Two lectures and one two-hour laboratory period per week. Prerequisite: one year of college biology, botany, zoology, or any year combination thereof.

HOME ECONOMICS

Students may select an area in Home Economics as preparation for home-making, food management in commercial and educational institutions, nursery school education, home service in the equipment field, clothing and textiles, homemaking education, or commercial positions concerned with the problems of the homemaker.

HOME ECONOMICS (43)

Lower Division

101 Introduction to Home Economics—1 credit
First semester
Designed to acquaint the freshman student with the field of home economics. Emphasis on opportunities in the professional fields, organization of program, choice of vocation, personal qualifications for living and working with people.

103 Clothing—3 credits
Second semester
Application of basic construction principles with commercial patterns. Emphasis is on organization, basic speed techniques, and fundamental fitting as related to the wearer. One hour lecture and two 3-hour laboratory periods per week.

107 Clothing Selection—2 credits
Second semester
Principles of design applied to the selection of line, texture, color in terms of individual figure proportions, need and income. Emphasis is placed upon selection, purchase and care of ready-to-wear apparel, fabrics and accessories.

109 Textiles—3 credits
Second semester
Relationship of raw materials, construction, and finish to quality and cost: identification of fibres, yarns, and fabrics: selection of appropriate fabrics for various uses, considering wearing qualities and care required.

111 Costume Analysis and Design—2 credits
First semester
Recognition of fashion trends, basic silhouettes, lines, styles and details of garment construction. Creative expression in fabric interpretation and adaptation of costumes and accessories from period research and other sources. Two lectures per week.

201 Introduction to Foods—3 credits
Second semester
Basic principles of food preparation: consideration of factors which will affect quality, nutritive value, and acceptability of foods, such as method of preparation, ingredients used and method of cooking. One hour lecture and two 3-hour laboratory periods per week. Prerequisite: Nutrition HE-207 or permission of the instructor.

203 House Planning—3 credits
Second semester
Basic consideration in house planning; planning for economy, comfort and beauty in house construction. Evaluation of floor plan in terms of family needs, interior and exterior design, materials, costs, methods of construction. Housing in relation to the family and community.

207 Nutrition—3 credits
First semester
Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed. Three lectures a week.

Upper Division

303 Advanced Clothing—3 credits
Second semester
Continued study of clothing construction with selection and fitting of commercial basic pattern to the individual. The application of alteration to meet the needs of each student enrolled. Special emphasis on fitting problems and children's clothing. Prerequisite: Clothing HE-103. Recommended: Textiles HE-109.
305 Home Furnishings and Interior Design—3 credits
First semester
Color and design; selection and arrangement of furniture and furnishings, floor coverings, wall and window treatment, lighting, interior finishes, accessories, china, glass, and silver, flower arrangement. Three lectures per week.Prerequisite: Design and Color Composition AR-105 or permission of the instructor.

C CHEMISTRY (53)

Lower Division

101-102 Introduction to Chemistry—4 credits
Each semester
This course is designed for those students whose interests may lie in fields other than chemistry and engineering. The course deals with fundamental principles of chemistry. First semester—atomic and molecular structure, states of matter, general reactions, and solutions. Second semester—ionization, equilibrium, redox, electrochemistry and an introduction to Organic Chemistry. The second semester also includes introductory, semi-micro, qualitative analysis. Three lectures and one 3-hour laboratory period per week.

105-106 Chemistry for Engineers—4 credits
Each semester
Course intended only for engineering majors. A thorough study of the fundamentals and principles of chemistry involving their application to various elements. The second semester includes qualitative analysis on the semi-micro scale. Three lectures and three 3-hour laboratory periods per week.

111-112 General Chemistry—5 credits
Each semester
A thorough study of the fundamentals and principles of chemistry involving their application to various elements. The second semester includes qualitative analysis on the semi-micro scale. This course is designed for students majoring in Chemistry, Pre-Medics, Chemical Engineering, Pharmacy and Science. Three lectures and two 3-hour laboratory periods per week. Recitations are included in the laboratory sessions. Prerequisite: high school chemistry.

207-208 Elementary Organic Chemistry—3 credits
Each semester
An introductory course covering the fundamental principles and applications of organic chemistry. Designed for those students who do not require an intensive study of chemistry. Two lectures and one 3-hour laboratory period per week. Prerequisite: Chemistry C-102 or C-112, or C-116.

217-218 Organic Chemistry—5 credits
Each semester
A comprehensive study of organic compounds, the mechanism and theory of organic reactions and the identifications and preparation of aliphatic and aromatic organic compounds. Part of the second semester laboratory work will include an introduction to Organic Qualitative Analysis. Designed to fulfill the requirements of Chemistry majors, Chemical Engineers, and professional and pre-professional students who need a thorough background of Organic Chemistry. Three lectures and two three-hour laboratories per week. Prerequisite: General Chemistry C-112.

Upper Division

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

321-322 Physical Chemistry—4 credits
Each semester
A study of chemical thermodynamics, reaction kinetics, phase equilibria, electrochemistry, absorption, molecular structure, and quantum theory. Three lectures and one 3-hour lab per week. Prerequisite: General Chemistry C-112, General Physics PH-102 or Engineering Physics PH-212, and Calculus and Analytic Geometry M-206 or equivalent.

401-402 Advanced Inorganic Chemistry—2 credits
Each semester
The first semester will cover nuclear reactions, atomic and molecular structure, complex ions and coordination compounds, oxidation-reduction and acid-base characteristics, and non-aqueous solutions. The second semester

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

Certain courses cover somewhat similar subject matter, and credit cannot be granted for both courses. Credits for C-101, 102 will not be allowed if credit is given in C-111, 112. Credits for C-207, 208 will not be allowed if credit is given in C-217, 218.
discusses the properties of substances and the periodic table interpreted on
the basis of atomic and molecular structure. Three lectures per week. Pre-
requisite: Physical Chemistry C-321 and C-322.

411 Instrumental Analysis—4 credits
Theory and practice of the more common instrumental methods of analy-
sis, laboratory experience with commercial instruments. Two lectures and two
three hour labs per week. Prerequisite: Analytical Chemistry C-311.

417, 418 Chemical Preparations—Organic—1 credit
A course designed to give students practical experience in the preparation
of Organic compounds. The student will be assigned a number of compounds
to prepare. May be taken either in one semester for 2 credits or in two
semesters for 1 credit each semester. Prerequisite: Organic Chemistry C-218
and Senior standing.

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

431 Introduction to Biochemistry—3 credits
A study of the chemistry of biologically important compounds, and an
introduction to metabolism. Three lectures per week. Prerequisite: C-208 or
C-218.

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

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

GO GEOLOGY (57)

Lower Division

101 Physical Geology—4 credits
An introductory course to acquaint the student with the causes and
effects of rock weathering; wind, water and glacial erosion and their deposi-
tions; the development of landscapes or topographies; internal forces of the
earth. Laboratory periods are devoted to the study of topographic maps of
type areas, study of rocks and minerals and field trips to places of geologic
interest. Three lectures and one 3-hour laboratory per week.

103 Historical Geology—4 credits
A study of the origin of the earth and evolution of plants and animals.
The geologic history of the earth is treated in considerable detail. Prehistoric
life and fossil study as well as field trips to fossil beds are included in the
laboratory work. Three lectures and one three-hour laboratory per week.
Prerequisite: GO-101 Physical Geology.

105 Rocks and Minerals—3 credits
A systematic study of rock formation and ore minerals, with emphasis
on crystal structure and methods of mineral identification. Field trips and
laboratory session are a part of the course for those taking the class for
credit. Prerequisite: high school chemistry or permission of the instructor.

201 Introduction to Ocean Geology—2 credits
A general study of the physiography, the structures, and the sediments
of the ocean floors and the geologic processes and environments represented
thereby. Methods and instruments of ocean floor investigation are also studied.
Two one-hour lectures per week. Prerequisite: G-108, Historical Geology.

212 Introduction To Astronomy—3 credits
An introduction to the concepts, principles, instruments and theories of
astronomy. The course will consist of three one-hour lectures per week.

213 Introduction to Meteorology—3 credits
An introduction to the study of weather phenomena in terms of origin
distribution and classification. Instruments and research methods are also
investigated. Prerequisite: GO-101, Physical Geology. Three 1-hour lectures.
Boise State College

Upper Division

301 Structural Geology—4 credits First semester
A study of the physical nature of rocks, diastrophic processes by which the earth's crust is deformed and the classification of tectonic processes produced by the deformation. The origin of continents, ocean basins and mountain chains are typical problems involved. Laboratory work consists of the construction of maps, cross sections, and diagrams, and the solving of practical structural problems. Three lectures and one 3-hour laboratory per week. Prerequisite: GO-103, Historical Geology and M-111, College Algebra and Trigonometry.

311 Sedimentology—4 credits First semester
A study and classification of sedimentary rocks and all processes involved in their genesis. Major heading are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Laboratory work consist of microscopic, chemical and other analyses of sedimentary rocks and of a study of the methods and instruments used in statistical treatment of sediments for mapping and research purposes. Three one-hour lectures and one 3-hour laboratory per week. Prerequisite: GO-103 Historical Geology and M-111, College Algebra and Trigonometry.

312 Stratigraphy—4 credits Second semester
The study of sedimentary strata with chronology as its special aim. Emphasis is placed on genetic environments, natural sequences of formations and facies, and correlation techniques. The classification and dating of sedimentary units is the end result. Three 1-hour lectures and one 3-hour laboratory per week. Prerequisite: GO-311, Sedimentology.

313 Geomorphology—3 credits First semester
A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers and the processes by which they are formed and changed. Laboratory work consists of map studies and field investigations. Two lectures and one three-hour laboratory per week. Prerequisite: GO-103 Historical Geology.

401 Mineralogy—4 credits First semester
A study of genesis, distribution and classification of minerals. This includes some crystallographic, optical, and chemical methods. Laboratory work consists of mineral analysis and observation by the use of microscopes, chemicals, and models. Three 1-hour lectures and one 3-hour laboratory per week. Prerequisite: GO-311, Sedimentology.

411 Invertebrate Paleontology—4 credits Second semester
A study of general principles of paleontology and the classification of fossils. Both theoretical aspects, and practical applications are considered. The laboratory work consists of becoming acquainted with actual fossil specimens and the rocks in which they are found for identification and classification purposes. Methods of separation and handling are also considered. Three 1-hour lectures and one 3-hour laboratory per week. Prerequisite: GO-103, Historical Geology.

412 Groundwater Geology—3 credits First semester
A study of the origin of water found beneath the earth's surface and the geologic conditions which permit the movement, work, and accumulation of water in subsurface materials. Emphasis is placed on structural, sedimentational, and stratigraphic conditions most conducive to the formation of ground water reservoirs. Three 1-hour lectures per week. Prerequisite: GO-301, Structural Geology and GO-312, Stratigraphy.

M MATHEMATICS (59)

Lower Division

010 Mathematics Review—0 credits Each semester
Fundamental operations with polynomials and rational fractions, linear equations and stated problems. For students with little or no algebra.

020 Intermediate Algebra—0 credits Each semester
A refresher course for students in engineering and science who are not ready for M-111. Prerequisite: a year of high school algebra and a year of plane geometry.
103-104 Fundamentals of Modern Mathematics for Elementary Teachers—3 credits Each semester

Fundamental concepts of mathematics including the study of place value and bases, arithmetic operations, the postulates for the set of real numbers, and fundamental algebraic and geometric principles. Designed for elementary teachers. Prerequisite: one year of high school algebra and plane geometry or permission of the instructor.

105-106 Fundamental Concepts of Mathematics—4 credits Each semester

Sets, logic, number theory, algebra, axiomatic systems, functions and graphs, trigonometry, probability. Designed primarily for non-science students. Prerequisite: a year of high school algebra and a year of plane geometry.

111 Algebra and Trigonometry—5 credits Each semester

Selected topics in college algebra together with plane trigonometry. The course will prepare the student for analytic geometry and calculus. Prerequisite: the passing of a placement test in algebra or a grade of “satisfactory” in M-020.

112 Calculus and Analytic Geometry—5 credits Each semester

Analytic geometry of the straight line, functions, limits, continuity, derivations of algebraic functions with applications, definite and indefinite integrals with applications. Prerequisite: M-111 or the passing of a placement test in algebra and trigonometry.

205 Calculus and Analytic Geometry—4 credits Each semester

Transcendental functions, methods of integration determinants, matrices and linear equations, analytic geometry of conics, polar and parametric equations. Prerequisite: M-112 or the passing of a placement test over the material of M-112.

206 Calculus and Analytic Geometry—4 credits Each semester

Solid analytic geometry, vectors, series, partial derivatives, multiple integrals, introduction to differential equations. Prerequisite: M-205.

Upper Division

301 Linear Algebra—3 credits First semester

Linear algebra, vector spaces and matrices. Required of all mathematics majors. Prerequisite: M-206.

302 Abstract Algebra—3 credits Second semester

Sets, Boolean algebra, integral domains, groups, fields, rings and ideals. Required of all mathematics majors. Prerequisite: M-206.

306 Number Theory—3 credits Second semester, alternate years (beginning in 1969)

Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M-206.

311-312 Foundations of Geometry—3 credits Each semester

Euclidean, non-Euclidean, and projective geometries from an axiomatic point of view. Required of all secondary mathematics education majors. Prerequisite: M-206.

331 Differential Equations—4 credits Second semester

Ordinary differential equations with applications to physical sciences and engineering. Prerequisite: M-206.

340 Numerical Analysis with Computer Application—4 credits Second semester

The course will be conducted with three one-hour lectures and one two-hour laboratory. The application of numerical methods, general iterative methods, approximation of functions, error analysis with the implementation of computer programming. Fortran programming will be utilized. The computer laboratory will consist of programming appropriate problems. Prerequisite: EN-104 or DP-221 or consent of the instructor together with concurrent or previous enrollment in M-206.

401-402 Advanced Calculus—3 credits Each semester

The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, theory of integration, transformations, infinite series. Prerequisite: M-206.

406 Theory of Functions of a Complex Variable—3 credits Second semester, alternate years. (beginning in 1970)

Complex numbers, point sets, functions of a complex variable, analytic functions, infinite series, integration, conformal mapping. Prerequisite: M-206.
101 Technical Drawing—2 credits
A general course for all majors requiring a knowledge of technical drawing procedures and standards. Covers lettering, use of drawing instruments, geometric constructions, orthographic projections, sectioning, dimensioning, pictorial drawings, working drawings and graphic solution of point line and plane problems. Two 2-hour lecture laboratory periods per week.

102 Engineering Graphics—2 credits
Course designed for engineering majors only. Covers auxiliary views revolution, development, intersections, vector graphics, and graphical mathematics including charts, nomographs, empirical equations and graphical calculus. Freehand sketching techniques are included. Two 2-hour lecture laboratory periods per week. Prerequisite: Technical Drawing EN-101.

103-104 Engineering Orientation—2 credits
A basic orientation to the makeup and characteristics of the profession of engineering and preview of the nature and organization of an engineering curriculum. Second semester is an orientation to the engineering method of analysis and consists primarily of digital computer programming using FORTRAN. The engineering design process is introduced by means of a team design project. Co-requisite: Algebra and Trigonometry M-111 or higher mathematics.

105 Architectural Drafting—2 credits
Course primarily for Architectural Design majors. Covers elements of Architectural drawing such as plot plans, floor plans, elevations, sections and structural details; wiring, heating and piping diagrams and material cost estimating. Two 2-hour lecture laboratory periods per week. Prerequisite: Technical Drawing EN-101.

203 Mechanics (Statics)—2 credits
Composition and resolution of forces; couples; laws of equilibrium; forces in frames, center of gravity; static friction. Course utilizes both conventional and vector methods. Two lectures per week. Co-requisites: Calculus M-205 and Engineering Physics PH-211.

204 Mechanics (Dynamics)—3 credits
Area and mass moments of inertia and methods of virtual work. Principles of kinetics; velocity and acceleration analysis; work-kinetic energy; impulse and momentum; power in systems of linear and angular motion. Three lectures per week. Prerequisite: Mechanics EN-203.

207 Machine Tool Laboratory—2 credits
Use of machine tools; theory and practice, One hour lecture, two hours laboratory.

211 Elements of Surveying—2 credits
Basic Surveying for Forestry and other nonengineering majors. Theory or measurements and use of surveying instruments as applied to construction, topographic and land surveying. One recitation and one 3-hour laboratory per week. Prerequisite: Algebra and Trigonometry M-111.

215 Plane Surveying—3 credits
Theory and use of instruments; errors in measurement; and computations in land surveying; topographic surveying; field astronomy, circular, spiral and vertical curves; and earth work. Two recitations and one 3-hour period of field work and computations per week. Prerequisite: Algebra and Trigonometry M-111.

A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
221 Introduction to Electrical Engineering—3 credits  First semester
Theory of direct current and magnetic circuits. Three lectures per week. 
Prerequisite: Algebra and Trigonometry M-111 accompanied by Engineering 
Physics PH-211.

223 Network Analysis—4 credits  First semester
Deal with circuit analysis of advanced dc. and ac. circuit concepts in- 
cluding network theorems, frequency domain analysis and coupled circuit. 
Three recitations per week and one three-hour laboratory. Prerequisite: Intro- 
duction to Electrical Engineering EN-221.

Upper Division

301 Fluid Mechanics—3 credits  First semester
Physical properties of fluids; fluid mechanics and measurements; viscous 
and turbulent flow, momentum, lift, drag, and boundary layer effects; flow 
in pipes and open channels. Three recitations per week. Prerequisites: Calculus 
M-206 and Mechanics: Dynamics EN-204.

306 Mechanics of Materials—3 credits  Second semester
Elasticity, strength, and modes of failure of engineering materials, 
theory of stress and strains for columns, beams and shafts. Three class 
periods per week. Prerequisites: Mechanics: Statics EN-203 and Calculus 
M-205.

320 Thermodynamics and Heat Transfer—3 credits  Second semester
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. Pre- 
requisites: Calculus M-206 and Mechanics: Dynamics EN-204.

PS PHYSICAL SCIENCE (61)

Lower Division

101-102 Introduction to Physical Sciences—4 credits  Each semester
Selected fundamental principles and methods of the physical sciences are 
examined and applied in various science areas. A two semester sequence for 
non-science majors. Three lectures and one two-hour laboratory per week.

PH PHYSICS (63)

Lower Division

101-102 General Physics—4 credits  Each semester
Mechanics, sound, heat, light, magnetism, and electricity. This course 
satisfies the science requirement for the Bachelor of Arts and Bachelor of 
Science curricula, and may be taken by forestry, pre-dental and pre-medic 
students. Three lectures and one 3-hour laboratory period per week. Pre- 
requisite: Algebra and Trigonometry or acceptable score on Mathematics 
Placement Test.

211-212 Engineering Physics—5 credits  Each semester
This course is intended for students in the physical sciences and in engi- 
neering, and must be preceded or accompanied by calculus. Three 1-hour lec- 
tures and two 1-hour recitations and one 3-hour laboratory per week.

311-312 Modern Physics—3 credits  Each semester
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. Pre- 
requisite: PH-212, C-112, and M-206 or equivalent.

DEPARTMENT OF HEALTH SERVICES

The decision by the Administration and the Board of Trustees of the 
College to establish a Department of Health Services resulted from a number 
of factors including the following:
1. The recent passage by Congress of the Allied Health Professions 
Personnel Training Act, P.L. 89-751.
2. The establishment here in Boise of the Idaho Foundation for Medicine 
and Biology.
3. Favorable logistics, including that of Boise being located in the 
center of the highest concentration of population in the state, as well as
having three of the largest hospitals, and the only rehabilitation center in the state available for clinical training. Under this heading would also be included the increasing needs and employment opportunities for health manpower in the area as compared to other sections of the state.

4. The need to bring the full potential of modern medicine to all members of society. This will necessitate educational programs (which have been badly fragmented in the past) capable of training new categories of technological health manpower to perform many of the functions now carried out by highly skilled and scarce professional personnel.

OBJECTIVES

1. To provide students with quality instruction enabling them to master skills in various allied health professions whereby they can obtain satisfying and profitable employment upon the completion of their particular program of study.

2. To supplement the instruction per se with proper counseling and other experiences that will be conducive to the development of a sense of appreciation and responsibility to society as a whole.

3. Encourage the students to take pride in their work and make an honest effort to realize their full mental potential at all times.

4. Encourage students in the Health Professions curricula to participate in as wide a spectrum of extra-curricular activities and subject matter disciplines as their opportunity ranges will permit.

5. To assist in the implementation of short courses and workshops for the continuing education of personnel engaged in the health professions.

DENTAL ASSISTANT

A one year terminal vocational technical education program which, when completed, qualifies the student to take the Dental Assistant Certification Examination and be employed in a dental office or clinic.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>Dental Theory</td>
<td>4</td>
</tr>
<tr>
<td>Job Psychology and Ethics</td>
<td>2</td>
</tr>
<tr>
<td>Credit and Collections</td>
<td>2</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>—</td>
</tr>
<tr>
<td>Personal and Public Health</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
</tr>
</tbody>
</table>

For course descriptions see page 171 in the catalog.

ENVIRONMENTAL HEALTH

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

REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

Bachelor of Science

A. General Requirements (8 credits)

| English Composition | 6 |
| Physical Education Activities | 2 |

B. Area I Requirements (12 credits)

| Literature | 6 |
| Humanities | 6 |

C. Area II Requirements (12 credits)

| History | 6 |
| Psychology | 3 |
| Sociology | 3 |

D. Science Requirements (54 credits)

| General Chemistry | 10 |

*Would be waived if score on Math Placement test would permit student to enter Math 112.*
Science and Health

Elementary Organic Chemistry 6
Algebra and Trigonometry* 5
General Physics 8
General Biology 8
General Bacteriology 5
Entomology 4
Pathogenic Bacteriology 4
Food Microbiology 4

E. Public Health
  Requirements... (17 credits)
  Environmental Sanitation 6
  Public Health Field Training 8
  Public Health Administration 3

F. Electives (25 credits)
  Must include a minimum of 11 credits in Upper Division Courses
  Suggested Electives
  Intro. to Data Processing
  Speech
  State and Local Government
  Federal Government
  Criminal Law
  Business Law
  Criminal Investigation
  Business Statistics
  Audio Visual Aids in Education

ENVIRONMENTAL HEALTH

Bachelor of Science
(Suggested 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 Biology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Algebra &amp; Trigonometry*</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>P. E. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>16</td>
</tr>
</tbody>
</table>

Sophomore Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Bacteriology</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Elementary Organic Chem.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Speech</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>15</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>General Physics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Entomology</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Pathogenic Bacteriology</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Environmental Sanitation</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intro to Data Processing</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>15</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>Summer between Junior and Senior Year Public Health Field Training</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Public Health Admin.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Food Microbiology</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

LICENSÉD PRACTICAL NURSING

A one year program consisting of 600 hours of theory and 1200 hours of clinical training at St. Luke's Hospital. Upon completion of the program the students take the state licensing examination, which, when passed, qualifies them as Licensed Practical Nurses. For details see page 172 of the catalog.

MEDICAL RECORD LIBRARIAN ASSISTANT

The proposed course of study has been planned in accordance with the stated requirements of the American Association of Medical Record Librarians. This two year program is "open-end" so that the student may utilize the earned credits for future matriculation in a four year program. The curriculum was formulated by a committee made up of Medical Record Librarians, Physicians, Nurses and representatives of the Idaho Foundation for Medicine and Biology, WICHE — The Regional Medical Programs, local hospitals, Idaho Hospital Association and Boise College.

These trained individuals will be employed in hospitals, nursing homes, insurance agencies, data processing organizations and in medical group offices.

FIRST YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

*Will be waived if score on Math Placement test would permit student to enter Math 112.
### Boise State College

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Typing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Medical Legal Concepts</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Medical Records Science</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>15</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

**Summer Session**—Two five week summer sessions for total 12 credit hours. This will include work at various health institutions. This directed practice must be for a total of 540 clock hours but this may include actual experience during the regular school years.

### SECOND YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Records Science</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Medical Office Procedures</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Health Institute Management</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Business Statistics</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Psychology or Introduction to Sociology</td>
<td>3</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></td>
</tr>
<tr>
<td></td>
<td><strong>14</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

### MEDICAL SECRETARY

As the name implies, this two year course of study is designed to prepare students for employment as secretaries in hospitals, clinics, and offices of practitioners of the medical arts.

**REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR**

**Bachelor of Arts Program**

There is a definite demand for Registered Medical Technologists in hospitals, clinics, physicians' offices, medical schools and research laboratories. There is now a four year curriculum which consists of three years of college training during which period 90 semester hours of study are completed. The fourth year, the student is eligible to take the examination for registration as a Medical Technologist and receive the Bachelor of Arts degree.

**I. Liberal Arts Option**

1. Six hours of English Composition ............. 6 credits
2. Two hours of Physical Education Activities ... 2 credits
3. Completion of the basic core requirements:
   A. Humanities Gr. 1 .......................... 12 credits
   B. Social Sciences Gr. 2 ..................... 12 credits
4. Laboratory Sciences and Mathematics: 
   A. Required Courses: ......................... 38 credits

   1. One year sequence in each of the following: 
      General Chemistry .......................... 10 credits
Science and Health

2. One semester of:
   - General Zoology 8
   - Organic Chemistry 6
   - Freshman Mathematics 4
   - Bacteriology 5
   - Analytical Chemistry 5

B. Electives to be selected
   from the following:
   - Comparative Anatomy 4
   - General Genetics 4
   - Microtechnique 4
   - Vertebrate Embryology 4
   - General Physics 8
   - Elective from Groups I and II 24 credits

5. One year of clinical training 32 credits

MEDICAL TECHNOLOGY MAJOR
Bachelor of Arts Program
(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Social Science Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Zoology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Social Science Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Bacteriology</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Analytical Chemistry</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Science Electives</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Unspecified Electives</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Bacteriology</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Radioisotopes</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Parasitology and Mycology</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Hematology</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Biochemistry</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Urinalysis</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Histology and Tissue Tech.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Serology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Blood Banking</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>32</td>
<td></td>
</tr>
</tbody>
</table>

Senior year to be spent in clinical training in St. Luke's Hospital or St. Alphonsus Hospital, Boise, Idaho. The equivalent of thirty-two credit hours are earned in clinical training which includes the following courses and their semester credit equivalents:

PRE-DENTAL CURRICULUM

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Electives (Social Science and Math)</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Zoology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>General Bacteriology</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Electives (Social Science, Humanities)</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

* Determined by Boise College Math Placement Examination.
PRE-DENTAL HYGIENE CURRICULUM

This curriculum is designed for women students interested in a professional career in dental hygiene. This two-year pre-dental hygiene course leads to a Bachelor's Degree and qualifies the graduate for specialized services in public health, school health, administration and education of dental hygienists as well as training and licensing to give important dental services under the supervision of a dentist.

1st Freshman Year: 1st 2nd
Introduction to Gen. Chem. 4 4 General Physics 4 —
General Zoology 4 4 Organic Chemistry 3 —
English Composition 3 3 History Elective 3 —
Introduction to Sociology 3 3 General Psychology 3 3
Intro. to Public Speaking 2 2 State and Local Govmn't — 3
Physical Ed. Activities 1 1 Personal & Public Health — 2
17 17 Humanities Elective 3 3
Non Specified Elective — 3

REQUIREMENTS FOR PRE-MEDICAL STUDIES MAJOR
Bachelor of Science

I. BIOLOGY OPTION

1. General College and Baccalaureate Degree Requirements to include:
   A. General Psychology 3 credits
   B. Foreign Language 0-8 credits

2. Biology Requirements:
   General Zoology 8 credits
   General Bacteriology 5 credits
   Comparative Anatomy 4 credits
   Vertebrate Embryology 4 credits
   Vertebrate Physiology 4 credits

3. Chemistry Requirements:
   General Chemistry 10 credits
   Organic Chemistry 10 credits
   Analytical Chemistry 5 credits

4. Physics and Mathematics:
   General Physics 8 credits
   Mathematics sequence 8 credits

II. CHEMISTRY OPTION
Bachelor of Science

1. General College and Basic core requirements to include:
   1. General Psychology 3
   2. Literature 6
   3. Upper Division History sequence 6

2. Science Requirements:
   A. Biology courses 21
      1. General Zoology 8
      2. General Bacteriology 5
      3. General Genetics 4
      4. Comparative Anatomy or Vertebrate Embryology 4
   B. Physical Science courses 67
      1. General Chemistry 10
      2. Mathematics sequence 10
      3. Calculus & Analytical Geometry 8
      4. Organic Chemistry 10
5. General Physics 8
6. Analytical Chemistry 5
7. Physical Chemistry 8
8. Instrumental Analysis 4
9. Chemical Preparations 2
10. Chemistry seminar 2

**PRE-MEDICAL STUDIES MAJOR**

Bachelor of Science Program, Biology Option
(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>1st Junior Year:</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>General Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
<td>Comparative Anatomy or</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>4-5</td>
<td>4-5</td>
<td>Vertebrate Embryology</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>General Genetics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Analytical Chemistry</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Literature (Upper Div.)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Zoology</td>
<td>4</td>
<td>4</td>
<td>Comparative Anatomy or</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
<td>Vertebrate Embryology</td>
<td>4</td>
</tr>
<tr>
<td>Humanities elective</td>
<td>3</td>
<td>3</td>
<td>Vertebrate Physiology</td>
<td>4</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td>*Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>Area II elective</td>
<td>3</td>
<td>3</td>
<td>Upper Division Biology</td>
<td>4</td>
</tr>
<tr>
<td>Lower Div. Literature</td>
<td></td>
<td>3</td>
<td>Electives (Upper Div.)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>18</td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Year:</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Comparative Anatomy or</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Vertebrate Embryology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Vertebrate Physiology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>*Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Upper Division Biology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Electives (Upper Div.)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PRE-MEDICAL STUDIES MAJOR**

Bachelor of Science Program, Chemistry Option
(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>1st Junior Year:</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>General Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
<td>5</td>
<td>Comparative Anatomy or</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>5</td>
<td>Vertebrate Embryology</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>General Genetics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td>Analytical Chemistry</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>General Zoology</td>
<td>4</td>
<td>4</td>
<td>Physical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
<td>5</td>
<td>Instrumental Analysis</td>
<td>4</td>
</tr>
<tr>
<td>Calculus &amp; Analytic Geom.</td>
<td>4</td>
<td>4</td>
<td>Chemical Preparations</td>
<td>1</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
<td>3</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Area II (Upper Division)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chemistry Seminar</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Histology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*As required by individual medical school.
RADIOLOGIC TECHNOLOGY

St. Luke's Hospital, in conjunction with Boise College, offers a twenty-four month radiologic technology program. Two weeks vacation is offered each summer, plus ten working days sick leave each year. Both the college and the hospital offer classes in theory, while the hospital provides the clinical experience for laboratory practice.

Admission to the program is based on high school and college transcripts, if the applicant has attended the latter, three letters of reference from other than relatives, the aptitude test S-80, given by the Employment Security Agency, and a personal interview with the Chief Technologist and Miss Ilia Howard, the Director of the Department of Radiology at St. Luke's Hospital.

The student pays all of his expenses at the college, including books and tuition. Upon completion of the program the hospital refunds the amount of the college tuition to the student. The student is also required to purchase approximately eighty dollars worth of books for use at the hospital. Students furnish their own uniforms and appropriate white shoes. In lieu of board and room the student receives a stipend of sixty dollars a month the first year and seventy-five dollars a month the second year. He also receives Blue Cross benefits from the hospital.

Students are also required to participate in the Southwestern Society of Radiologic Technologists, and the fee for this is two dollars per year.

Upon completion of the prescribed curriculum the student will receive a certificate from St. Luke's Hospital, which will qualify the student for writing the examination to become a Registered Technologist.

Post-graduate courses are offered to the Registered Technologist under the supervision of St. Luke's Hospital in the specialized fields of Radiation Therapy and Nuclear Medicine.

Students spend approximately 3500 hours in clinical practice working with patients under the supervision of a Registered Technologist or Radiologist in a hospital environment. This includes experience in the subjects listed above, including pediatric radiography, fluoroscopy, film critique, and emergency call, where they learn procedures pertinent to the handling of accident patients.

RADIOLOGIC TECHNOLOGY CURRICULUM

<table>
<thead>
<tr>
<th>First Year</th>
<th>First Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of Physical Sciences 101</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Psychology 101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Sociology 101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>___</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Theory Clock Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of Physical Sciences 102</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

|___ | 8 |

<table>
<thead>
<tr>
<th>Theory Clock Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
</tr>
</tbody>
</table>

| Principles of Radiographic Exposure II | 30 |
| Radiographic Positioning-Intermediate | 15 |
| Common Radiographic Procedures using Contrast Media | 8 |
| Nursing Procedures Pertinent to Radiology | 8 |
The Technologist in Surgery .......................... 6
First Aid ........................................... 12

Summer Sessions First and Second Years 79
Clinical Application and Critique
Second Year First Semester
Radiation Physics I .................................. 20
Medical Office Procedures .......................... 4
Radiographic Positioning—Advanced ................. 22
Special Radiographic Procedures I ................. 30
A Survey of Medical and Surgical Diseases ....... 4

Second Year Second Semester
Radiation Physics II ................................ 20
Special Radiographic Procedures II ............... 30
Radiographic Positioning—Review .................. 22
Radiological Safety Monitoring ..................... 15
Radiation Therapy ................................... 10
Medical Use of Radioisotopes ....................... 2

99

REHABILITATION THERAPY

*PHYSICAL THERAPY ASSISTANT

SUPERVISORY RELATIONSHIP:

The physical therapy assistant works within a physical therapy service administered by a professional physical therapist who meets the standards established by the American Physical Therapy Association. The assistant performs his duties with the direction and supervision of the professional physical therapist to whom he is directly responsible.

FUNCTIONS:

The assistant's function is to assist the professional physical therapist in patient related activities; to perform such procedures delegated to him that are commensurate with his education and training. He carries out designated tasks which are required for the operation of the service. The extent to which the physical therapy assistant will participate in the following activities will be dependent upon the organization structure and size of the physical therapy service and upon the health needs of the individual patient.

a. Functions as a participating team member who contributes to total patient care.
b. Assists the professional physical therapist in carrying out complex procedures and programs.
c. Performs routine treatment procedures in accordance with the planned programs.
d. Observes, records and reports to his supervisor conditions, reactions and responses related to his assigned duties.

Affiliation:

Upon completion of requirements as prescribed by the Board of Directors, the physical therapy assistant shall be eligible for an appropriate membership category in the American Physical Therapy Association.

PHYSICAL THERAPY ASSISTANT

First Year

Course 1st Semester 2nd Semester
English Composition ............................... 3 3
Physical Education ................................. 1 1
Introduction to Physical Therapy .................. 4 —
Fundamentals of Physical Therapy I .............. — 4
Human Growth and Development ................... 3 —

*Professional courses in Physical Therapy will be initiated in 1969-70.
Boise State College

Human Anatomy and Physiology ............. 3 4
Health Concepts .................................. 3
Introduction to Psychology .................. 14 15

Summer Session
One five week session.
Fundamentals of Physical Therapy Procedures II—6 hours.

**Second Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Physical Sciences</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Physical Therapy Procedures I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Advanced Physical Therapy Procedures II</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Personal Health Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

Summer Session
Two five week sessions with clinical affiliation and seminar—12 hours.

**DEPARTMENT OF NURSING**

Boise College offers a two-year associate degree program in nursing. The entire program is collegiate in nature with Boise hospitals and health facilities cooperating by providing the clinical experience areas for laboratory practice in general nursing. All classes and hospital experiences are under the supervision of qualified college instructors. The program is accredited by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools and has “Reasonable Assurance of Accreditation” from the National League for Nursing.

**Philosophy**

Believing that nurses can best be educated in a college environment, Boise College Department of Nursing operates within the philosophy of the total college. Students enrolled in nursing work socialize with people majoring in various fields of study. The school provides the opportunity for each student to promote his own abilities within the nursing program. Each student is counselled upon application and throughout the program in relation to his educational goals and academic ability.

The nursing curriculum is in a combination college-hospital setting including classes in liberal arts as well as nursing classes with supervised experience in medical, surgical, obstetrical, pediatric, and psychiatric nursing. The purpose of this curriculum is to enable the student to cultivate his personal educational interests within the subject area.

The school assists each student to develop into a productive citizen of the community with the abilities, understanding, and attitudes to function as a good technical nurse. We define a technical nurse as one who understands scientifically-founded nursing knowledge and applies it in giving nursing care.

The graduate is granted an Associate of Science degree and is eligible to be licensed as a registered nurse.

**Objectives**

1. Recognizes basic human needs and formulates ways of meeting them.
2. Uses basic knowledge and concepts for developing skills underlying nursing care.
3. Communicates for the purpose of promoting progress in the patient’s health care.
4. Demonstrates sensitivities and abilities for good interpersonal relations.
5. Makes effective decisions in the practice of nursing.
6. Shows insight concerning his own feelings and behavior.
7. Acquainted with community health problems and resources.
8. Understands his role as a technical nurse on the health team.

Admission

Admission to the program is based upon general college entrance requirements; achievement on the American College Testing Program; personality and physical health without regard to age, sex, marital status, race, or religion.

A personal interview is requested with each applicant. A faculty committee reviews and approves each application for admission.

Costs

With the exception of the cost for uniforms and psychiatric experience, the expenses are the same as for all other Boise College students. The uniforms cost approximately $60.00, not including white shoes and watch with a second hand. Travel, board, room and fees for one week at State Hospital South, Blackfoot, Idaho, will be approximately $35.00.

Degree and Graduation

The student will be eligible to receive the Associate of Science degree from Boise College upon completion of the prescribed curriculum with a grade point average of 2.0 or above. He or she will also qualify for writing the licensing examination to become a Registered Nurse.

Counselling

Counselling by the Director of Nursing is available to those interested in other types of nursing education.

NURSING CURRICULUM

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>Sophomore Year</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Microbiology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Phys. Science</td>
<td>4</td>
<td>—</td>
<td>Sociology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Psychology</td>
<td>—</td>
<td>3</td>
<td>Humanities Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Home Ec. (Nutrition)</td>
<td>3</td>
<td>—</td>
<td>Deviations from</td>
<td>—</td>
<td>8</td>
</tr>
<tr>
<td>Basic Health Needs</td>
<td>5</td>
<td>—</td>
<td>Basic Health</td>
<td>9</td>
<td>—</td>
</tr>
<tr>
<td>Maternal &amp; Child Health</td>
<td>—</td>
<td>6</td>
<td>Complex Health</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>—</td>
<td>Deviations</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Human Anat. &amp; Phys.</td>
<td>—</td>
<td>4</td>
<td>Nursing Seminar</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>—</td>
</tr>
</tbody>
</table>

Summer Session

Introduction to Deviations from Basic Health 4

16 16

1st 2nd

1st 2nd

1st 2nd

1st 2nd

1st 2nd

1st 2nd

COURSE OFFERINGS

EH ENVIRONMENTAL HEALTH

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

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

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

101 Medical Terminology—2 credits  
First semester  
An introduction to Greek and Latin prefixes, roots, and suffixes used in medical terminology, as well as the study of anatomical, physiological, and pathological terms according to systems of the body.

102 Health Institutions Management—3 credits  
Second semester  
An introduction to the organizational, management, administrative, social, and economic aspects of the major health institutions. Particular emphasis is placed on internal organization and management including departmental, administrative, medical staff, and trustee relationships in hospitals.

104 Medical Legal Concepts—2 credits  
Second semester  
A study of the principles of law and ethics as applied to medical records practice.

110-111 Medical Record Science—4 credits  
First year

160-161 Medical Record Science—6 credits  
Summer

210-211 Medical Record Science—5 credits  
Second year
Compilation of two years and one summer. Understanding and analyzing medical records, checking charts for completeness, study of coding and indexing of diseases and operations, machine transcription, medico-legal implications, filing systems, medical record statistics, Cancer Registry abstracting and follow-up, management problems, organization of a record room, general procedures in a medical record office. Laboratory consists of directed practice in procedures taught in Medical Record Science, at various hospitals, nursing homes, doctors clinics, insurance offices, and state medical agencies.

**MT MEDICAL TECHNOLOGY (44)**

**Lower Division**

101 Introduction to Medical Technology—1 credit  
First semester  
A brief orientation course designed to acquaint the student with the field of medical technology as a profession.

**RT REHABILITATION THERAPY ( )**

**COURSE DESCRIPTIONS**

101 Health Concepts—3 credits  
First semester  
This course is concerned with information of relevance to all persons engaged in work in the health field. It provides the student with a broad understanding of the disease process, the means our society uses to prevent, cure and control disease, and current health problems. An examination of the characteristics and qualifications of the several levels of health workers, their relationship with one another and with the rest of society is also included. Three hours lecture per week.

103 Introduction to Physical Therapy—4 credits  
First semester  
The objective of this course is that of introducing the Physical Therapy Assistant Trainee to the general philosophy of rehabilitation, the history of the physical therapy profession, the objectives of physical therapy treatment and its physical and psychological implications. Students will receive role orientation as well as instruction and practical experience in body mechanics, transfer activities, and wheelchair operation. Two hours lecture and six hours laboratory per week.

*Course to be initiated 1969-70.*
104 Introduction to Physical Therapy—4 credits  Second semester

Includes basic theory and practical experience to assist the PTA Trainee in developing an understanding of and proficiency in aseptic technique, medical assisting skills, and physical modalities such as hydrotherapy, diathermy, infra-red, ultrasound, etc. Three hours lecture and nine hours laboratory per week.

150 Fundamentals of Physical Therapy Procedures—6 credits  Summer

A synthesis of classroom and clinic experiences including units on functional anatomy and mobility exercise, massage, ethics, interpersonal relations, and medical-legal considerations. Includes actual clinic practice under faculty supervision. Four hours lecture and nine hours laboratory per week.

202 Personal Health Services—3 credits  Second semester

This course is designed to give health workers a general orientation to the various components of the medical care system, its interrelationships and interdependencies. Students will be introduced to the patterns of organization and delivery of health care and to the public and private agencies responsible for the provision of personal health services including hospitals, nursing homes, home care programs, voluntary health agencies, etc. Course will include site visits of these various facilities and/or agencies as well as local resource lecturers in the health or health-related fields. Three hours lecture per week.

203 Advanced Physical Therapy Procedures—4 credits  First semester

A course directed to functional training and control exercise management in selected disabilities. Coordinated lecture and laboratory activities designed to provide the student with an understanding of and proficiency in the following: physical and mental effects of inactivity on body systems; introduction to medical conditions with implications for physical therapy; activities of daily living; exercise routines for strengthening, endurance and coordination. Four hours lecture and twelve hours laboratory per week.

204 Advanced Physical Therapy Procedures—4 credits  Second semester

Provides information and practical experience relating to the techniques of rehabilitative management and their pathological considerations. Includes a review of medical conditions with implications for physical therapy (i.e., neurological, orthopedic, geriatric, pediatric, etc.), psycho-social relevance, ambulation methods, amputee management, spinal cord injury management, advanced transfer activities, and mat routines. Four hours lecture and twelve hours laboratory per week.

250-251 Clinical Affiliation—12 credits  Summer

Students are assigned to work in an institution or facility under the direction of a registered physical therapist. A classroom seminar is included to allow the student an opportunity to evaluate his clinical experiences and to analyze his own strengths and weaknesses therein. (NOTE: The actual time required for the clinical affiliation period is, as yet, undetermined and will depend upon the guidelines to be established by the American Physical Therapy Association. A rough estimate would be that of approximately 200 hours or 20 hours per week for a ten-week period.)

RN REGISTERED NURSING (45)

111 Basic Health Needs—5 credits  First semester

Presents the basic human needs, mental and physical, for normal health as applied to people in the community and hospital. The student is given the opportunity of providing and evaluating the basic health needs of hospitalized people. Two lectures and three laboratory periods per week.

112 Maternal and Child Health—6 credits  Second semester

Presents basic health needs of the family during the reproductive cycle. Methods of nursing care to make childbirth physically safe and emotionally satisfying to the family are taught. The characteristic tasks of the well child from birth through adolescence are included in the course. Four lectures and two laboratory periods per week. Prerequisite: Basic Health Needs RN-111.
210 Introduction to Deviations from Basic Health—4 credits  Summer

Deviations from health are presented in relation to concepts of basic human needs. The nursing care of the ill patient will be studied in this framework. The emphasis will be placed on mental health deviations while caring for patients with both mental and physical illness. Skills in providing comfort measures for the physically ill will be increased. Two lectures and two laboratory periods. Prerequisite: Maternal and Child Health. RN-112.

211 Deviations from Basic Health—9 credits  First semester

Deviations from health continue to be presented in relation to concepts of basic human needs. The emphasis will be placed on nursing care of persons of all ages with physical health deviations. Patients cared for will have both physical and mental illness. Five lectures and four laboratory periods per week. Prerequisite: Introduction to Deviations from Basic Health. RN-210.

212 Complex Health Deviations—8 credits  Second semester

Deviations from health in complex conditions will be presented in relation to concepts of basic human needs. The emphasis in nursing care will be placed on the three most common causes of death, cardiovascular disease, cancer and accidents. Knowledge and skill in giving nursing care to the patient with these conditions will be taught. Four lectures and four laboratory periods per week. Prerequisite: Deviations from Basic Health. RN-211.

213 Nursing Seminar—2 credits  Second semester

Discussion of problems relating to the role of the graduate as a registered nurse. Two lectures per week.
Department of Accounting:
Dr. V. D. Blickenstaff, Chairman
Associate Professors: Blickenstaff, Underkofler, Carson
Assistant Professors: Gines

Department of Business Education and Office Administration:

DEPARTMENT OF BUSINESS EDUCATION AND OFFICE ADMINISTRATION:

Professors: Edlefsen
Associate Professors: Lee, Johnson, Roe
Assistant Professors: Williamson
Instructors: Chandler

Department of General Business & Economics:
Dr. J. M. Johns, Chairman
Professors: Rose, Young
Associate Professors: Miller, White, Wilson, Johns, Lamborn, Knowlton
Assistant Professors: Scudder, Tipton, Hart, Allen
Instructors: Keller, Maloney, Maxson

Department of Public Administration:
Dr. R. E. Rose, Acting Chairman

Assistant Professors: Tipling
Instructors: Hopfenbeck

OBJECTIVES

The broad scope of offerings within the School of Business and Public Administration requires and embraces a variety of objectives. In general, the school seeks to prepare young men and women for positions of responsibility in business and governmental units and to provide training to assist all students in becoming responsible members of the democratic society and the economic system in which we live.

More specific objectives would include:

1. The preparation of graduates for management training entrance into business oriented fields, providing a rather broad background of liberal and occupational oriented courses.

2. The preparation of graduates for entrance positions in specialized occupations such as sales, accounting, or office management.

3. The training of business oriented workers for positions requiring less than the normal 4-year course of study through specialized curricula.

4. The preparation of non-business students as well as business students for assumption of citizenship responsibilities in their future relationships with the business world.

5. The preparation of graduates for positions with governmental units in administration and police science.

6. The preparation of graduates for entrance into graduate schools of business or public administration.
SPECIAL REQUIREMENTS AND OPTIONS

Typing Ability  All applicants for the Bachelor’s degree in any business or public administration curriculum must either pass a proficiency test in typing or successfully complete a course in typewriting. Tests will be given each semester at a time and place indicated by the School of Business and Public Administration.

Bachelor of Arts or Bachelor of Science Degrees  Students enrolled in a curriculum leading to the Bachelor of Business Administration degree may, at their option, qualify for the B.A. or B.S. degree by using elective hours to complete additional requirements in the humanities, social sciences, and science. Advisors should be consulted about these additional requirements.

Students enrolled in the General Business curriculum or Public Administration curriculum will qualify for the B.A. degree by following the outline shown in the catalog. These majors may not qualify for the B.B.A. degree.

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.

Two-year Programs  Specialized curricula in Mid-Management, Fashion Merchandising, Secretarial Science, Data Processing, Police Science, and Medical Secretarial areas are offered in addition to the baccalaureate programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the A.A. or 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.

---

**Bachelor Degree Programs**

**ACCOUNTING MAJOR**

Business of Business Administration Program

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Business Law</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>-</td>
<td>Marketing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>General Psychology</td>
<td>4</td>
<td>4</td>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>3</td>
<td>Price Theory</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
<td>Income and Employment</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
<td>Cost Accounting</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td>Advanced Accounting</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Principles of Management</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Corporate Finance</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Sophomore Year:</td>
<td></td>
<td></td>
<td></td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
<td>Income Tax Accounting</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Intermediate Accounting</td>
<td>3</td>
<td>3</td>
<td>Auditing</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>-</td>
<td>Business Statistics</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Humanities Elective*</td>
<td>-</td>
<td>3</td>
<td>Human Relations</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
<td>Intro. to Data Processing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Business Writing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
<td>Seminar in Bus. Admin.</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td>Data Processing for the Accountant</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Electives</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

* Chosen from Introduction to Music, Art, Drama, or Philosophy.
### AVIATION MANAGEMENT

**BACHELOR OF BUSINESS ADMINISTRATION PROGRAM**

#### Freshman Year:

<table>
<thead>
<tr>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>16</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Private Pilot Flight Lab.</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Basic Aviation Ground School</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Elective in Humanities*</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Senior Year:</td>
<td>15</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year:

<table>
<thead>
<tr>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>16</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Prin. of Transportation</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Advanced Flight Lab. &amp; Electives</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Elective in Social Science</td>
<td>3</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>*Junior Year:</td>
<td>16</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

#### Junior Year:

| 16 | 15 |
| Marketing | — | 3 | |
| Business Law | — | 3 | |
| Prin. of Management | — | 3 | |
| Corporate Finance | — | 3 | |
| Price Theory | — | 3 | |
| Income and Employment | — | 3 | |
| Literature | — | 3 | |
| Airline and Air Cargo | — | 3 | |
| Management | — | 3 | |
| Commercial Flight Lab. or Electives | — | 2 | |
| Elective | — | 2 | |
| Senior Year: | 17 | 17 | | |
| Business Writing | — | 3 | |
| Human Relations | — | 3 | |
| Business Statistics | — | 3 | |
| Intro. to Data Processing | — | 3 | |
| History | — | 3 | |
| Sem. in Business Admin. | — | 2 | |
| Air Transport. Eng'r | — | 3 | |
| Aviation Seminar | — | 2 | |
| Electives | — | 4 | 6 | |
| *Senior Year: | 16 | 16 | | |

---

### BUSINESS EDUCATION MAJOR (Bookkeeping Option)

**Bachelor of Business Administration Program**

#### Freshman Year:

<table>
<thead>
<tr>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>16</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Business English</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>4</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Humanities Elective*</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Junior Year:</td>
<td>16</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year:

<table>
<thead>
<tr>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>16</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Beginning and Intermediate Typing**</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Senior Year:</td>
<td>17</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

#### Junior Year:

| 16 | 15 |
| Marketing | — | 3 | |
| Educational Psychology | — | 3 | |
| Foundations of Education | — | 3 | |
| Speech for Teachers | — | 3 | |
| Business Law | — | 3 | |
| Second'ry School Meth'ds | — | 2 | |
| Managerial or Intermediate Accounting | — | 3 | |
| Money and Banking | — | 3 | |
| Electives | — | 5 | 3 | |

#### Senior Year:

| 17 | 17 |
| Methods in Business Ed. | 3 | — | |
| Bus. Curriculum & Prob. | — | 3 | |
| Principles of Management | — | 3 | |
| Business Writing | — | 3 | |
| Intro. to Data Processing | — | 3 | |
| Business Student Teach. | — | 6 | |
| Electives in Business | — | 6 | 4 | |

---

*Chosen from Intro to Art, Music or Drama.

**Chosen from Introduction to Music, Art, Drama, or Philosophy.

***May be waived if advanced placement is granted because of prior work, but at least two credits of typing at the Intermediate level or above is required.
### BUSINESS EDUCATION MAJOR (Secretarial Option)

Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td></td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Business English</td>
<td>3</td>
<td></td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td></td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td>Speech for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>4</td>
<td>4</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective*</td>
<td>3</td>
<td></td>
<td>Second School Methods</td>
<td>2</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Advanced Shorthand</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
<td>Electives</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>16</td>
<td><strong>Total</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

#### Sophomore Year:

| Principles of Economics | 3   | 3   |
| Beginning and Intermediate Typing** | 2   | 2   |
| Mathematics | 4   | 4   |
| Principles of Accounting | 3   | 3   |
| Beginning and Intermediate Shorthand** | 4   | 4   |
| **Total** | 16  | 16  |

#### Senior Year:

| Methods in Business Edu. | 3   |   |
| Business Curr. & Problems | 3   |   |
| Office Practice | 4   |   |
| Business Writing | 3   |   |
| Intro. to Data Processing | 3   |   |
| Student Teaching | 6   |   |
| Office Management | 3   |   |
| Electives | 3   | 4   |

---

### GENERAL BUSINESS MAJOR

Bachelor of Arts Program

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td></td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
<td>Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Electives*</td>
<td>3</td>
<td>3</td>
<td>Price Theory</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td></td>
<td>Income Division Electives</td>
<td>6</td>
</tr>
<tr>
<td>Elective in Social Science</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>17</td>
<td><strong>Total</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

#### Sophomore Year:

| Principles of Economics | 3   | 3   |
| Principles of Accounting | 3   | 3   |
| Literature | 3   | 3   |
| History | 3   | 3   |
| Elective in Science | 4   |   |
| Elective in Social Science | 3   |   |
| **Total** | 16  | 15  |

#### Senior Year:

| Business Writing | 3   |   |
| Human Relations | 3   |   |
| Principles of Management | 3   |   |
| Introduct'n to Data Proc. | 3   |   |
| Seminar in Bus. Admin. | 2   |   |
| Electives | 11  | 8   |
| **Total** | 19  | 16  |

---

### INDUSTRIAL BUSINESS MAJOR

Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sem.</td>
<td>Sem.</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Freshman Engineer. Math.</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Chemistry for Engineers</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Freshman Year:

| Technical Drawing and Engineering Graphics | 2   | 2   |
| Professional Speech Com. | 2   |   |
| History | 3   |   |
| **Total** | 16  | 17  |

* Chosen from Introduction to Music, Art, Drama, or Philosophy.
** May be waived and electives substituted if advanced placement is granted because of high school or business college work.
* Chosen from Introduction to Music, Art or Drama.
## Boise State College

### Freshman Year:

#### English Composition
- 3
- 3

#### Introduction to Business
- 3
- 3

#### Mathematics
- 4
- 4

#### Humanities Elective*
- 3
- 3

#### Principles of Speech
- 3
- 3

#### Elective
- 3
- 3

#### Total: 16

### Sophomore Year:

#### Principles of Economics
- 3
- 3

#### Principles of Accounting
- 3
- 3

#### History
- 3
- 3

#### Principles of Advertising
- 3
- 3

#### Literature
- 3
- 3

#### Physical Ed. Activities
- 1
- 1

#### Electives
- 3
- 3

#### Total: 16

### Junior Year:

#### Marketing
- 3
- 3

#### Business Law
- 3
- 3

#### Price Theory
- 3
- 3

#### Income and Employment
- 3
- 3

#### Corporate Finance
- 3
- 3

#### Electives
- 7
- 4

#### Total: 16

### Senior Year:

#### Business Writing
- 3
- 3

#### Human Relations
- 3
- 3

#### Intro. to Data Processing
- 3
- 3

#### Marketing Management
- 3
- 3

#### Seminar in Bus. Admin.
- 2
- 2

#### Electives
- 7
- 5

#### Total: 16

### MARKETING MAJOR

**Bachelor of Business Administration Program**

### Freshman Year:

#### English Composition
- 3
- 3

#### Introduction to Business
- 3
- 3

#### Mathematics
- 4
- 4

#### Humanities Elective*
- 3
- 3

#### Principles of Speech
- 3
- 3

#### Elective
- 3
- 3

#### Total: 16

### Sophomore Year:

#### Principles of Economics
- 3
- 3

#### Principles of Accounting
- 3
- 3

#### History
- 3
- 3

#### Principles of Advertising
- 3
- 3

#### Literature
- 3
- 3

#### Physical Ed. Activities
- 1
- 1

#### Electives
- 3
- 3

#### Total: 16

### Junior Year:

#### Marketing
- 3
- 3

#### Business Law
- 3
- 3

#### Price Theory
- 3
- 3

#### Income and Employment
- 3
- 3

#### Corporate Finance
- 3
- 3

#### Electives
- 7
- 4

#### Total: 16

### Senior Year:

#### Business Writing
- 3
- 3

#### Human Relations
- 3
- 3

#### Intro. to Data Processing
- 3
- 3

#### Marketing Management
- 3
- 3

#### Seminar in Bus. Admin.
- 2
- 2

#### Electives
- 7
- 5

#### Total: 16

### OFFICE ADMINISTRATION MAJOR

**Bachelor of Business Administration Program**

### Freshman Year:

#### English Composition
- 3
- 3

#### Introduction to Business
- 3
- 3

#### Mathematics
- 4
- 4

#### Humanities Elective*
- 3
- 3

#### Business English
- 3
- 3

#### Electives
- 3
- 3

#### Total: 16

### *Chosen from Introduction to Music, Art, Drama, or Philosophy.*
## Business and Public Administration

### Bachelor of Arts Program

#### Freshman Year:
<table>
<thead>
<tr>
<th>Course</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Humanities Electives*</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>U. S. History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</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>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>State &amp; Local Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</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>Business Statistics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Public Personnel Admin.</td>
<td>3</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>Human Relations</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Writing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Public Personnel Admin.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Constitutional Law</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

### Public Administration Major

#### Bachelor of Arts Program

#### Freshman Year:
<table>
<thead>
<tr>
<th>Course</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Humanities Electives*</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>U. S. History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</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>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>State &amp; Local Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</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>Business Statistics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Public Personnel Admin.</td>
<td>3</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>Human Relations</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Writing</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Public Personnel Admin.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Constitutional Law</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

### Criminology Major

#### Bachelor of Arts 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>Physical Education (Judo)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>History Sequence</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>State &amp; Local Government</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>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Modern Society</td>
<td>3</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>General Psychology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Modern Society</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

* May be waived and electives substituted if advanced placement is granted because of high school or business college work.
* Chosen from Introduction to Music, Art or Drama.
### Boise State College

#### TWO YEAR PROGRAMS

**DATA PROCESSING**

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Intro. to Programming</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>3</td>
<td>3</td>
<td>Intro. to Ad. Computers</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>4</td>
<td>Program. Systems—RPG</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
<td>Program Systems—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Princ. of Data Processing</td>
<td>—</td>
<td>3</td>
<td>FORTRAN</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>—</td>
<td>Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Punched Card Systems</td>
<td>3</td>
<td>3</td>
<td>Programming Systems—</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>P. E. Activities</td>
<td>1</td>
<td>1</td>
<td>COBOL</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Programming Systems—</td>
<td>ASSEMBLERS</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Business Statistics</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FASHION MERCHANDISING—MID-MANAGEMENT**

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>1st</th>
<th>2nd</th>
<th>Sophomore Year:</th>
<th>1st</th>
<th>2nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Introduction to Marketing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
<td>Costume Design</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Retail Selling</td>
<td>3</td>
<td>—</td>
<td>Professional Speech</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
<td>—</td>
<td>Communication</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>4</td>
<td>—</td>
<td>Retail Buying</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Clothing Selection</td>
<td>—</td>
<td>2</td>
<td>Report Writing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Textiles</td>
<td>—</td>
<td>3</td>
<td>Mid-Management</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Elements of Management</td>
<td>3</td>
<td>2</td>
<td>Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Advertising</td>
<td>3</td>
<td>—</td>
<td>Principles of Retailing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mid, Management</td>
<td>—</td>
<td>3</td>
<td>Principles of Accounting</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Work Experience</td>
<td>—</td>
<td>—</td>
<td>Business Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Supervision of Personnel</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Elective</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15 15</td>
</tr>
</tbody>
</table>

*Chosen from Introduction to Music, Art, Drama, or Philosophy.*

**Specialized courses in auxiliary services, administration, training and education, juvenile delinquency, or crime records, on advice of criminology counselor.*

**Recommend inclusion of Prin. of Management, Intro to Data Processing, and Constitutional Law.**
### SECRETARIAL SCIENCE

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Business and Public Administration</td>
<td>119</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beginning Shorthand and Inter. Shorthand</td>
<td>4</td>
<td>4</td>
<td>Advanced Shorthand and Dictation</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Beginning Typing and Intermediate Typing</td>
<td>2</td>
<td>2</td>
<td>Advanced Typing and Production Typing</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Office Practice</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>4</td>
<td>—</td>
<td>Secretarial Procedures</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Business English</td>
<td>3</td>
<td>—</td>
<td>Principles of Economics or Applied Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>—</td>
<td>3</td>
<td>Business Writing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting/Office Practice</td>
<td>1</td>
<td>1</td>
<td>Electives</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>16</td>
<td><strong>Total</strong></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

### MARKETING—MID-MANAGEMENT

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Introduction to Marketing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>3</td>
<td>—</td>
<td>Principles of Retailing</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines</td>
<td>4</td>
<td>—</td>
<td>Principles of Economics</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Retail Selling</td>
<td>3</td>
<td>—</td>
<td>Principles of Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Advertising</td>
<td>3</td>
<td>—</td>
<td>Business Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Merchandise Analysis</td>
<td>3</td>
<td>—</td>
<td>Report Writing</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Mid-Management</td>
<td>—</td>
<td>—</td>
<td>Supervision of Personnel</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Work Experience</td>
<td>2</td>
<td>2</td>
<td>Retail Buying</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Elements of Management</td>
<td>3</td>
<td>—</td>
<td>Credit &amp; Collections</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Professional Speech</td>
<td>—</td>
<td>—</td>
<td>Mid-Management</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Communication</td>
<td>2</td>
<td>—</td>
<td>Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Elective</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>16</td>
<td><strong>Total</strong></td>
<td>15</td>
<td>16</td>
</tr>
</tbody>
</table>

### CRIMINOLOGY

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Physical Ed. (Self-Defense; Defensive Tactics)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education (Judo)</td>
<td>1</td>
<td>—</td>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>First Aid</td>
<td>—</td>
<td>2</td>
<td>Humanities Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>History Sequence</td>
<td>3</td>
<td>3</td>
<td>Laboratory Science or Mathematics Sequence</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Federal Government</td>
<td>3</td>
<td>—</td>
<td>Patrol &amp; Communications</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>State &amp; Local Government</td>
<td>3</td>
<td>—</td>
<td>Crime Records</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>—</td>
<td>Personal Identification</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>—</td>
<td>Traffic Control &amp; Reg'l'n</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>—</td>
<td>Criminal Investigation</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Law Enforcement</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Modern Society</td>
<td>—</td>
<td>3</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>17</td>
<td><strong>Total</strong></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

### MEDICAL SECRETARY

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Microbiology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Physical Ed. Activities</td>
<td>1</td>
<td>1</td>
<td>Business Math/Machines</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Physical Science</td>
<td>4</td>
<td>—</td>
<td>Advanced Shorthand</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Human Physiology and Anatomy</td>
<td>—</td>
<td>4</td>
<td>Medical Transcription</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Beg. &amp; Int. Typing</td>
<td>2</td>
<td>2</td>
<td>Medical Office Procedures</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Beg. &amp; Int. Shorthand</td>
<td>4</td>
<td>4</td>
<td>Office Practice</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Business English</td>
<td>3</td>
<td>4</td>
<td>Prin. of Accounting</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Business</td>
<td>—</td>
<td>3</td>
<td>Adv. Typing &amp; Prod. Typ.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>17</td>
<td><strong>Total</strong></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>
COURSE OFFERINGS

AC ACCOUNTING (01)

Lower Division

101-102 Principles of Accounting—3 credits Each semester
A study of the function of accounting in the business world. A logical
development of the subject through the use of the Balance Sheet, the Profit
and Loss, and other statements. Subsidiary ledgers, voucher system, payroll
accounting, and income tax accounting are included. Three one-hour lectures
and one laboratory period per week.

201-202 Intermediate Accounting—3 credits Each semester
A rapid review of basic accounting principles and procedures, followed
by problems relating to the valuation and presentation of property, liability,
and corporate proprietorship items, and the measurement of profit and loss.
Analytical accounting procedures, and the preparation of advanced working
sheets and comprehensive corporate financial statements; development of spe-
cial reports, ratios and other analyses. Three one-hour lectures and two one-
hour laboratory periods per week. Prerequisite: AC-101 and AC-102 or the
equivalent.

Upper Division

301 Cost Accounting—3 credits First semester
Theory of cost accounting and cost control, including job order, process,
direct and standard costs, budgeting and break-even analyses. Emphasis on
cost determination as a tool of management. Prerequisite: AC-102 with a
grade of C or better.

305 Advanced Accounting—3 credits Second semester
Specialized problems in partnership and corporation accounting. Consign-
ment and installment sales, agency and branch accounting; consolidated state-
ments and mergers; actuarial principles for use in accounting. Prerequisite:
AC-202.

350 Managerial Accounting—3 credits First semester
Use of accounting information for managerial decision making and profit
planning. Budgets, internal control, cost finding and financial statement analy-
ses to control and measure efficiency of business. Prerequisite: AC-102.

360 Governmental Accounting—2 credits First semester
Accounting theory applicable to institutions, governmental units, and po-
litical subdivisions. Emphasis placed on variations in accounting procedure
used by government. Prerequisite: AC-102. To be offered beginning 1969-70.

401 Income Tax Accounting—3 credits First semester
A study of federal and state income taxation including typical problems
in the preparation of tax returns. Prerequisite: AC-202.

405 Auditing—3 credits Second semester
Procedures and standards involved in making audits and examinations of
accounting records of business enterprises. Ethics, elements of public accounting,
presentation and preparation of reports. Prerequisite: AC-202.

440—Accounting Theory—3 credits Second semester
A specialized course to provide a frame of reference for advanced ac-
counting students in theory of income, in asset valuation, and in the history
of accounting thought. Recommended for those students planning on the CPA
examination.

450 Data Processing for the Accountant—2 credits First semester
A study of the basic accounting procedures applicable to electronic data
processing. The design, implementation, and evaluation of accounting systems
utilizing the computer will be considered. Prerequisites: AC-202 and GB 311.

498—C.P.A. Problems—3 credits Second semester
Selected problems and theory to prepare students for C.P.A. examina-

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

AV 101 Aviation Ground School—3 credits  First semester
Survey of basic aerodynamics, meteorology, navigation, and Federal Aviation Agency regulations. At termination, the student will take the FAA Private Pilot examination. An orientation of the historical development of aviation and the development of scientific laws and basic theory of flight.

AV 121 Private Pilot Flight Laboratory—1 credit  First semester
Training to include at least 16 clock hours of flight time. In addition, the course will include ground-time to familiarize and train the student in airplane equipment, pre-flight, take-off and landings, and other requirements as established by the Federal Aviation Agency.

AV 122 Private Pilot Flight Laboratory—2 credits  Second semester
Exceeds the minimum flight-hours necessary to satisfy the FAA for completion of the private pilot certificate. Students must have logged a minimum of 45 hours including 15 hours of dual instruction, 15 hours of oral instruction, and satisfactorily completed the flight examination administered by a FAA flight examiner. Prerequisite: AV 121 and successful completion of FAA written examination for Private Pilot Certificate.

AV 221 Intermediate Flight Laboratory—2 credits  First semester
Preparation for a FAA Commercial Pilot Certificate. To develop further the qualities of a good pilot, broaden experience, and introduce the advanced maneuvers. Includes 48 classroom hours of ground-school instruction in meteorology and aircraft engines, and 44 hours of flight training (16 dual and 28 solo) in two-place and four-place aircraft. Prerequisite: Private Pilot Certificate and Aviation Director's approval.

AV 222 Advanced Flight Laboratory—2 credits  Second semester
Emphasis on cross-country, night-flying, and instrument flying. Includes 48 hours of classroom instruction in cross-country planning, in-flight procedures, radio and navigation procedures, and 43 hours of flight training (17 dual and 26 solo) in two-place aircraft. Prerequisite: AV 221 and Aviation Director's approval.

AV 223 Commercial Flight Laboratory—2 credits  First semester
Final phase of flight-training in preparation for an FAA Commercial Pilot Certificate. Emphasis is placed on precision flying and thorough understanding of the various factors involved in commercial aviation. Includes 48 hours of ground-school instruction on general aircraft operation, FAA regulations, navigation, radio communication, meteorology, and aircraft engines. Includes 44 hours of flight-training (14 dual and 30 solo) in two-place and four-place aircraft. Prerequisite: AV 222 and approval of Aviation Director or experienced private pilots with the Aviation Director's approval.

AV 331 Airport Management—3 credits  First semester
Selection and use of ground facilities connected with the aviation industry. Covers construction and communication facilities, cargo and passenger handling procedures and policies, flight-deck and maintenance crew services, operation and maintenance of public facilities. Prerequisite: AC 102 (1969-70)

AV 351 Airline and Air Cargo Management—3 credits  Second semester
The functions of management in airline operations. Air carrier familiarization, effect of federal regulations, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management. (1969-70)

AV 431 Air Transportation Engineering—3 credits  First semester
Technological characteristics of transportation and techniques used in transportation study. Formulation of traffic network patterns by mathematical and simulation techniques. Evaluation of requirements for air transport facilities, with planning and design problems of such facilities. Traffic operations on airports and in terminal areas. Prerequisite: AV 331 and AV 351. (1969-70)

AV 498 Aviation Seminar—2 credits  Second semester
Application of management principles and techniques to current problems faced by managers in transport enterprises. Analysis of the airframe industry and associated counterparts on air transportation. May entail field trips to aviation centers. Prerequisite: AV 331 and AV 351. (1969-70)
### BE BUSINESS EDUCATION (02)

#### Upper Division

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>401</td>
<td>Methods in Business Education</td>
<td>3</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>Specific methods, materials, and techniques of instruction in business subjects. Special emphasis is placed on instruction of the skill subjects.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>421</td>
<td>Business Curriculum and Problems</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>A seminar type class dealing with current problems and issues facing business teachers in the fields of curriculum, research, and class content. Individual research and presentation is emphasized.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>450</td>
<td>Workshop in Business Education</td>
<td>2</td>
<td>Summer Session</td>
</tr>
<tr>
<td></td>
<td>An intensive 2-week session devoted to the improvement of instruction in specialized teaching areas. Specific topics will be announced in summer bulletins. Prerequisite: Senior students in Business Education or in-service business teachers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>471</td>
<td>Business Student Teaching</td>
<td>6</td>
<td>Either</td>
</tr>
<tr>
<td></td>
<td>Supervised teaching in public schools under the direction of qualified, selected business instructors. Prerequisite: permission of director.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### DP DATA PROCESSING (06)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Principles of Data Processing</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>An introduction to basic methods, techniques and systems of manual, mechanical, electromechanical, and electronic data processing. Course covers the development of data processing, basic data processing functions as they are applied in manual, mechanical, electromechanical and electronic data processing system. Three hours lecture.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>Punched Card Systems</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>A survey of unit record machines which includes operation of the key punch, verifier, and sorter with operation and wiring of the interpreter, reproducer, and collator. Practical exercises are used which are designed to familiarize the student with true to life applications of these machines. Three hours lecture and two hours lab. Prerequisite: DP 101 or current enrollment in that course.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>225</td>
<td>Introduction to Programming</td>
<td>3</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>Gives the student the general concepts, logic, and techniques of computer programming, including the flow charting and coding of input and output operations, loops, switching routines, branches, indexing and other basic programming techniques. Three hours lecture and two hours lab. Prerequisite: DP 101 or current enrollment in that course.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>231</td>
<td>Introduction to Advanced Computers</td>
<td>3</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>An introduction to the latest computer systems. Major topics are the central processing unit, program execution, programming systems, input/output channels, control units and devices, card, paper document and system control input/output devices, magnetic tape concepts, direct access storage concepts, multiprogramming, multiprocessing, and a look at teleprocessing. Three hours lecture and two hours lab. Prerequisite: DP 225 or current enrollment in that course.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>241</td>
<td>Programming Systems-RPG</td>
<td>3</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>The writing of Report Program Generator programs for jobs using card, tape, or disk input files and stored tables to produce printed reports, punched cards, tape and/or disk output files. Three hours lecture and two hours lab. Prerequisite: DP 231 or current enrollment in that course.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>242</td>
<td>Programming Systems-FORTRAN</td>
<td>3</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>The writing of FORTRAN IV programs including arithmetic functions, exponentiation, problem logic and input/output record descriptions. Three hours lecture and two hours lab. Prerequisite: Mathematics 105 or equivalent.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>243</td>
<td>Programming Systems-COBOL</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>The writing of complete programs in COBOL including switching, subroutine linkage, loop control and data tables for applications such as file maintenance, business reports, etc. Three hours lecture and two hours lab. Prerequisite: DP 231.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
249 Programming Systems—ASSEMBLERS—4 credits Second semester
The writing and debugging of programs in Assembler Language for a modern computer system. Four hours lecture and two hours lab. Prerequisite: DP 231.

260 Computer Operating Systems—2 credits Second semester
The general organization, facilities, and services of a modern computer operating system. Students will learn to code control cards to implement these functions and services for one of the operating systems that is currently in use today. Two hours lecture and two hours lab. Prerequisite: DP 231.

Upper Division

311 Introduction to Data Processing—3 credits Either semester
A general interest course to acquaint students with the fundamentals and principles upon which data processing is based. The logic and reasoning processes utilized in data processing are also explored. Special industry reports will be prepared by all students. Intended for upper division business administration students.

450 Workshop in Data Processing—2-4 Credits Summer session
An intensive 2 to 4 week session devoted to the improvement of instruction in specialized teaching areas. Specific topics will be announced in summer bulletins. Prerequisite: Senior students in Education or in-service teachers.

EC ECONOMICS (03)

Lower Division

105 Economic Geography—3 credits Either semester
A study of regions and resources; factors affecting the location of industries, transportation and commerce; the geographical distribution of the natural resources and the effect on national growth and international trade.

201-202 Principles of Economics—3 credits Each semester
First semester — macroeconomics: Contemporary economic problems; money and banking growth; monetary and fiscal policies for full employment; business cycles; determination of national income, savings and investment.
Second semester—microeconomic analysis; basic assumptions, vocabulary, and structure of the economy; business organization and operation, factors of production, specialization; nature of supply and demand, the price system; distribution of income—wages, interest, rent, and profits. In general the course deals with the organization and operation of the American economy; international trade; farm problems; comparative economic systems.

Upper Division

301 Money and Banking—3 credits Second semester
The role of money, credit, and banking in the U.S. economy. It emphasizes monetary theory as an analytical and policy tool for the exploration and solution of national economic problems. Prerequisites: EC-201 and EC-202.

303 Price Theory—3 credits First semester
An analysis of the price mechanism and the determination of resource allocation, output composition, income distribution, and welfare economics in a market economy. Prerequisite: EC-201 and EC-202.

305 Income and Employment—3 credits Second semester

FI FINANCE (04) Lower Division

107 Personal Finance—3 credits Either semester
Aid in meeting the growing complexity of finance as the consumer encounters it: How to avoid financial entanglements, installment buying, borrowing money, owning or renting a home, investing and speculating in securities, everyday legal problems dealing with illness, death, personal taxes, family budgets, check writing, and financial planning.
109 Stocks and Bonds—2 credits
   Either semester
   Elementary security analysis; sources of investment information; objectives of an investment program; history of the New York Stock Exchange; characteristics of various types of bonds and stocks; economic, industrial, and company factors influencing an investment program; brokerage office and floor procedures; economic factors relating to the 1960's role of venture capital in our economic system; procedures used in incorporating and underwriting; study of balance sheets and income statements.

Upper Division

301 Corporate Finance—3 credits
   First semester
   A study of American corporations, their methods of capitalization, control, consolidation, and growth. An analysis of the decision making process with regards to capital budgeting, cost of capital, leasing vs. ownership, dividend policy, liquidity vs. profitability, and the tax consequences of these decisions. Prerequisites: GB-101 and AC-102.

350 Investment Management—3 credits
   Second semester
   An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophies of portfolio management from the standpoint of banks, insurance companies, pension funds, and other financial institutions. Prerequisite: AC-102. Recommended: FI-301.

GB GENERAL BUSINESS (05)

Lower Division

101 Introduction to Business—3 credits
   Either semester
   A survey course designed to acquaint the student with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary.

115 Business Mathematics/Machines—4 credits
   Either semester
   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 is trained on both the ten-key printing calculator and the rotary calculator.

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

205 Principles of Transportation—3 credits
   Second semester
   Economics of transportation services and rates. History and pattern of regulations. Explanations of various forms in common use in freight and passenger transportation and an introduction to governmental controls. Service and management problems of industrial traffic managers.

Upper Division

301-302 Business Law—3 credits
   Each semester
   First semester—Nature and classification of the law, history of jurisprudence, real and personal property, and contracts and agency.
   Second semester—Sales, security transactions and commercial paper, business organization including partnerships, corporations, trusts, and estates.

305 Business Statistics—3 credits
   Either semester
   Collecting and tabulating data; statistical tables and charts; ratios, percentages, and relatives; averages; dispersion; probability and normal distribution; sampling; analysis of business change; correlation and analysis of relationship; and related topics. Recommended preliminary course: Mathematics 105.

308 Business Writing—3 credits
   Second semester
   Theory of effective communication of ideas through the medium of the written word; various types of business letters and reports. Includes theory and practice of office dictation. Typing ability is desirable.
320 Principles of Insurance—3 credits  Second semester
A balanced presentation of the principles of insurance and policy analysis
together with a discussion of the fundamental legal principles involved in ins-
urance contracts. Company practices in relation to insurance management are
stressed as is the field of regulation on both the theoretical and practical ap-
lications. Prerequisite: AC-101.

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

441 Government and Business—3 credits  Second semester
A study of the extent of government involvement in business at both the
national and state levels. Includes study of anti-trust, food and drug, labor,
civil rights, and other legislation and administration. A survey of govern-
mental powers pertaining to the involvement of government in business af-
fairs is also included.

490 Senior Research—1-3 credits  Either semester
A course for mature students who are ready to undertake individual in-
vestigations. One to three credits per semester with a maximum of 4 credits
to count towards the degree. Restrictions: Permission of the instructor, De-
partment Chairman and Dean of the School in writing; Cumulative GPA of
2.75; senior standing (96 credits); registration only at regularly scheduled
time.

498 Seminar in Business Administration—2 credits  Second semester
Current problems and trends in the business community. Analysis of
change affecting the current business structure. Emphasis on student research
and reports. Prerequisite: Senior standing.

PA PUBLIC ADMINISTRATION ( )

301 Introduction to Public Administration—3 credits  First semester
Theory, administrative organization, functions, and problems of public
governmental units. Prerequisite: PO-101.

310 Public Finance—3 credits  Second semester
Fiscal aspects of planning and control of governmental units. Principles
of taxation and other revenues, government indebtedness, and policy making.
Prerequisite: AC-102.

320 Public Personnel Administration—3 credits  Second semester
Civil service system analysis and techniques involved in the selection and
management of public employees. Prerequisite: MG-301. To be offered be-
ginning 1969-70.

401 Constitutional Law—3 credits  First semester
Case study of the American constitutional system and its concepts as
revealed in judicial decisions. Prerequisite: PO-101. To be offered beginning
1969-70.

410 Administrative Law—3 credits  Second semester
Powers, procedures, and controls of administrative units. The balance of
private rights and public interest. Elements of the administration of govern-
mental enterprises. Prerequisite: PO-101. To be offered beginning 1969-70.

MG MANAGEMENT (09)

Upper Division

301 Principles of Management—3 credits  First semester
Basic functions and principles of management with emphasis on relation-
ships between workers and management; the planning, organizing, and con-
trolling of personnel; decision making procedures and techniques.

305 Personnel Management—3 credits  Second semester
Principles of organizing, directing, motivating, and coordinating the work
force of a business organization.
307 Office Management—3 credits  Second semester
A study of organization and management of an office, including personnel
problems, records, ratings, the allocation of functions and responsibilities, and
office supervision.

401 Human Relations—3 credits  First semester
Relationships among managerial, supervisory, and other workers. Approaches useful in solving human relations problems in business. Case studies
of business problems.

**MK MARKETING (10)**

**Lower Division**

205 Principles of Salesmanship—3 credits  First semester
A comprehensive presentation of the principles of modern selling, pre-
faced by a brief history of salesmanship and a justification of its position of
importance in present-day distribution. The psychological aspects of selling
are fully treated. Selling presented as both an art and a science. Time is de-
voted in class to actual selling of various articles by the students, a practical
application of the principles taught.

207 Principles of Advertising—3 credits  Second semester
History, objectives, and policies of advertising; a study of media, regula-
tion of advertising; coordination of advertising with other merchandising fac-
tors. Preparation of copy, illustrations and layout of advertising. Guest lect-
ures are utilized to give the student a comprehensive picture of the advertising field.

**Upper Division**

301 Marketing—3 credits  First semester
Description and analysis of the marketing processes. Methods, policies,
and problems involved in the distribution process with an evaluation of mar-
feting institutions and middle men according to the functions they perform.
A survey of industrial and consumer markets and their relationship to both
production and distribution.

315 Market Research—3 credits  Second semester
Consideration of the theory and use of research for particular marketing
problems; methodology of planning and conducting research studies in various
marketing situations; selected applications of marketing research. Prerequi-
site: MK-301.

405 Marketing Management—3 credits  First semester
Management techniques in the solution of problems of sales administra-
tion, advertising, promotion, and related marketing activities. Prerequisite:
MK-301.

425 Marketing Strategy—3 credits  Second semester
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: MK-301 and MK-305.

**MM MARKETING, MID-MANAGEMENT (11)**

**Lower Division**

100 Mid-Management Work Experience—2 credits  Each semester
Open to students enrolled in the Mid-Management program only. The
student may earn 2 semester hours’ credit for a maximum of four semesters
or a total of 8 semester hours’ credit. This provides actual experience in the
retail, wholesale, or service business field as a paid employee. The student, the
employer, and the program coordinator develop an individual program for
each student. The student is evaluated by both the employer and the program
coordinator.

101 Retail Selling—3 credits  Either semester
A basic course in personal selling techniques as applied in working situa-
tions in the modern retail store; analysis of customer’s behavior, personality,
and motivation. Methods of creating customer attention, interest, desire, and
action.
102 Merchandise Analysis—3 credits Second semester
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.

105 Elements of Management—3 credits First semester
A study of the functions of business management: planning, organizing, staffing, directing, and controlling. Special consideration is given to the concept of organizational authority and responsibility.

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

202 Principles of Retailing—3 credits Second semester
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.

205 Business Psychology—3 credits Second semester
The study of the application of psychological principles to business. The dynamics of behavior, public opinion research, persuasion, aptitudes, abilities, skills, and their relationship to the working environment.

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

209 Report Writing—3 credits First semester
Prepares the student to write reports for business situations. Emphasis is placed on the actual preparation of reports, research methods, and the readability of the finished product.

213 Credit and Collections—2 credits Either semester
A survey of the credit field including history, types, credit information, and the function of the credit department. Collection methods and procedures are given significant treatment.

215 Retail Buying—3 credits First semester
Considers the buyer's duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand.

OA OFFICE ADMINISTRATION (13)

Lower Division

101 Beginning Shorthand—4 credits First semester
A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Credit will not be given to students who have completed one or more years of shorthand in high school. Prerequisite: Credit or current enrollment in OA-118 and demonstrated proficiency in typing or current enrollment in typing.

105 Beginning Typing—2 credits First semester
Theory and keyboard operations on the typewriter; for personal or business use. Credit will not be given to students who have completed one or more years of typing in high school.

107 Intermediate Typing—2 credits Both semesters
Review of typing fundamentals for the development of speed and accuracy. Credit will not be given to students who have completed two years of high school typing.
109-110 Office Machines—1 credit Each semester
Instruction in the operation of adding and calculating machines. All operations of the machines are studied. Business standards are demanded of students for satisfactory grades. Offered in night school only.

118 Business English—3 credits Either semester
Intensive drill in grammar, punctuation, vocabulary, and spelling to achieve correctness and clarity of expression. Progress and achievement will be graded on tests based on the drill materials and also on the effectiveness and correctness of expression demonstrated in written assignments of various kinds, including original compositions and summaries prepared from newspaper and magazine articles, in which acceptable standards of usage must be attained. A passing score on the English Placement Test is required for entrance into this course.

121 Intermediate Shorthand—4 credits Both semesters
Review of shorthand theory with much work in dictation and transcription to improve speed and accuracy. Credit will not be given to students who have completed two years of high school shorthand. Prerequisite: OA-101 or advanced placement from high school work.

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

209 Advanced Typing—2 credits Both semesters
Continued study of the technique of typewriting to develop high speed and accuracy. Prerequisite: OA-107 or advanced placement from high school work.

211 Production Typing—2 credits Second semester
Advanced work in the use of business forms, letters, legal documents, and tabulation on the typewriter. Prerequisite: OA-209.

221 Secretarial Transcription—4 credits Spring semester
Final transcription training of general office nature for secretarial students not specializing in legal or medical procedures. Prerequisite: OA-201.

222 Medical Transcription—4 credits Spring semester
Special transcription training in medical terminology for medical secretarial majors. Prerequisite: OA-201. Credit not given to students who have completed OA-221. (To be offered 1969-70).

223 Legal Transcription—4 credits Spring semester
Special transcription training in legal terminology for secretarial majors planning to work in law offices. Legal forms and documents are used in transcription practice. Prerequisite: OA-201. Credit not given to students who have completed OA-221 or OA-222. (To be offered 1969-70).

Upper Division

307 Office Practice—4 credits First semester
Training in machine transcription and office routines, including the use of common duplication machines, filing, telephoning, and the use of various business machines.

308 Secretarial Procedures—4 credits Second semester
Trait and personality development, intensive training in secretarial work on the private and executive secretarial level. Typing and shorthand skill are required.

311-312 Medical Office Procedures—2 credits Each semester
A study of medical receptionist duties, special records and filing systems, legal aspects of medical work, management of the medical office, and responsibilities of the medical assistant. Credit will not be given to students who have completed OA-308.
CR CRIMINOLOGY (67)

**Lower Division**

201 Law Enforcement in Modern Society—3 credits  Either semester

A study of philosophy, history, objectives, and the functions of law enforcement as an institution; institutional relationship to society; general overview of the administration of justice.

215 Patrol and Communications—3 credits  First semester

A lecture course dealing with the patrol function as the fundamental police operation; including organization, administration, and distribution. Communications is viewed as the nervous system of the organization. Prerequisite: CR-201 or concurrent enrollment.

223 Crime Records—3 credits  Second semester

Planned to provide an understanding of a system of recording criminal activities designed to facilitate administration of criminology and to fulfill the needs of law and society. Prerequisite: CR-201 or concurrent enrollment.

231 Criminal Investigation—3 credits  Second semester

Designed to acquaint the student with investigation as it involves the application of the investigative process in criminology, discovery and preservation of evidence, investigative report organization and content of investigative reports, and evidentiary proof of the elements of crime.

251 Traffic Control and Regulation—3 credits  Second semester

Details of control as it is accomplished via traffic enforcement, engineering, education, and vehicle traffic law.

260 Personal Identification—3 credits  First semester

Diverse methods in the definitive identification of individuals for law enforcement purposes. Includes voiceprints, fingerprints, portrait parle, computer applications, and other modern processes in use and development. Prerequisite: CR-201.

**Upper Division**

301 Administration of Justice—3 credits  First semester


321 Criminal Law—3 credits  Second semester

An analysis of the Law of Arrest, Search, and Seizure, and criminal law that effects the enforcement of the tolerance limits of society.

340 Principles of Interviewing—3 credits  First semester

Familiarization with the elements of the interviewing process for criminology personnel. Included are both the counseling and interrogative aspects with a view to promoting effective and productive relationships within any interviewing situation. Prerequisite: General Psychology P-101.

351 Police Organization and Management—3 credits  First semester

The principles of organization and management that are applied to law enforcement administration. Prerequisite: CR-201.

380 Introduction to Criminalistics—3 credits  Second semester

Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field investigations and laboratory techniques. Prerequisite: CR-201.

435 Vice and Organized Crime—3 credits  First semester

The history, cause, nature, and control of vice and organized crime are studied. Prerequisite: CR-201.

451 Comparative Law Enforcement Administration—3 credits  Second semester

An analysis and comparison of law enforcement systems at the Federal, State, and local levels, and International systems. Prerequisite: CR-201.
PART V

School of Education

DEPARTMENTS AND FACULTY
ADMISSION
STUDENT TEACHING
CERTIFICATION
PLACEMENT
CENTER FOR COUNSELING, GUIDANCE & TESTING
DEGREE PROGRAMS
MINOR OPTIONS
COURSE OFFERINGS
School of Education

DEAN: Gerald R. Wallace, Ed.D.

Departments and Faculty

CENTER FOR COUNSELING, GUIDANCE, AND TESTING:
Dr. Torbet, Director
Professor: Bronson, Torbet
Instructor: Bohart
Counselor: DeLaurier, Schroeder (vocational)

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION:
Dr. Cooper, Chairman
Professors: Cooper, Smith
Associate Professors: Westfall
Assistant Professors: Anderson, Conner, Lewis
Instructors: Satterfield, Farwig, Jones
Football Coaching Staff: Knap (head coach), Nickel, Skriem

DEPARTMENT OF PSYCHOLOGY:
Dr. Phillips, Chairman
Professors: Bronson, Phillips, Smith, Torbet
Associate Professor: Barsness, Sickles
Instructors: Larson

DEPARTMENT OF TEACHER EDUCATION & LIBRARY SCIENCE
Dr. Dugger, Chairman
Professors: Dugger, Wallace
Associate Professors: Hill, Hoyer (Director of Elementary Education), V. Young (Director of Secondary Education), McDonald
Assistant Professor: Fairchild
School of Education

The School of Education offers majors in Elementary Education; Physical Education for Men, Secondary Education Option; Physical Education for Women, Secondary Education Option; and Psychology, Liberal Arts Option. It offers course work of both professional and academic nature to students in these and in other major curricula throughout the College. The academic course work is designed to develop ability in and appreciation of scientific thinking about behavior. Professional training is directed primarily toward the mastery of skills that are needed by teachers in the elementary and secondary schools.

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teaching in the total preparation of elementary and secondary school teachers and librarians. The following paragraphs explicate that function, and every prospective teacher should read them carefully:

The Department of Teaching Education is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as of elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of Boise College and the certification requirements of the Idaho State Board of Education. The Department of Teaching Education has an institution-wide commitment to the preparation of teachers, a commitment that is implemented in close cooperation with the subject-matter departments through a campus-wide Committee on Teacher Education.

As a foundation for high-quality professional work, prospective teachers are provided with a well-rounded general education on the humanities and in the social and natural sciences. Each student also receives special preparation for the particular kind of educational work he plans to do.

Admission

1. Students preparing to teach must apply for admission to the Teacher Education Program prior to the beginning of their junior year. Standards for admission are approved by the Committee on Teacher Education and implemented by the Department of Teaching. Application forms may be secured from the Education Office.

2. Criteria for admission to the Teacher Education Program include:
   A. A grade point average of not less than 2.1 in the total college record and 2.25 in the major and minor teaching fields.
   B. A minimum test score in English.
   C. A grade of C in each semester of Freshman English or a C average in the two semesters.
   D. A course in speech and a satisfactory evaluation by the Speech Department.
   E. Clearance by Student Personnel Services.

3. Any student who enters from another institution or with a bachelor's degree should consult the Chairman of the Department of Teaching before he registers.

Student Teaching

An application for a specific student-teaching assignment must be filed with the Department of Teaching Education one semester in advance of receiving the assignment. Student teachers are expected to do responsible teaching, participate in co-curricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their college supervisors.

Certification

To be certified, a student must complete the minimal certification requirements set forth by the State Board of Education plus whatever additional
requirements are set by the Department of Teaching. Application is made to the Idaho State Department of Education through the Chairman of the Department of Teaching Education, who in turn recommends the student to the State Department. Certification of teachers is a function of the Idaho State Board of Education; however, the Board's present policy is to require each applicant to secure the recommendation of a college or university in addition to meeting minimum requirements published by the Board.

Placement
A Teacher Placement Service is maintained by the College Placement Office, which is administered by the Dean of Student Personnel Services.

Center for Counseling, Guidance, and Testing
The Center provides special services for students with problems in educational, vocational and personal areas. Associated with the Center is a Reading Clinic especially designed for students with specific reading problems. Other services include professional testing and counseling.

PHYSICAL EDUCATION
The School of Education, through its Department of Health, Physical Education and Recreation, offers a major and a minor in physical education with specialization in secondary school physical education.

The Physical Education Department, in cooperation with the School of Education, offers courses in physical education, health education, recreation, and athletic coaching. Students who complete a four-year teacher-training program are eligible to receive the Standard Secondary School Certificate issued by the State of Idaho.

Any student who is intending to major in physical education should confer with a departmental advisor before enrollment in classes. All students are expected to demonstrate an accepted level of performance in specified movement patterns through proficiency-skills testing. Referral for instruction in appropriate activity areas will be made on the basis of individual test results.

The Physical Education curriculum, Secondary Education Option, leading to a Bachelor of Science Degree, is designed to familiarize the student with the various aspects of physical education including athletics, recreation, dance, and certain phases of health and safety. The 128 semester hours required for the Bachelor of Science Degree include the General College and Basic Core requirements, professional courses in Physical Education (men — 35 semester credits; women — 45 semester credits) and the requirements for Idaho teacher's certificate.

Students majoring in other fields or schools may take a minor in Physical Education (men — 25 semester credits; women — 23 semester credits) or in coaching (men — 23 semester credits).

Required Physical Education: all students except veterans; married women 21 years of age and men 35 years of age are required to have two semester credits of basic Physical Education with no substitutions. Athletic participation will fulfill the Physical Education requirement providing the participant completes the sport.

The student will be required to take the first semester course (PE-150 for women and PE-176 for men) and the second semester course (PE-151 for women and PE-177 for men). This is not a sequence course.

Elective Physical Education: the Physical Education Department encourages participation in the elective program of activities. The program is designed to develop skills and interests in activities that will provide for the recreational needs of students. A maximum of six semesters of elective activities for credit will be allowed. Elective activities are: Swimming, Advanced Swimming, Self-defense (women), Judo, Self-defense (men), Tap Dancing, Softball-Trimmastics, Gymnastics, Tennis, Badminton, Volleyball, Basketball, Bowling, Fencing, Senior Life Saving, Water Safety Instruction, Social Dancing, Folk and Square Dancing, Archery, Golf, Skiing, Mountain-eering, Drill Team, Defensive Tactics, Field Hockey-Trimmastics, Soccer.
The gymnasium and all of its facilities are available for students use. Intra-mural activities are conducted throughout the year and the Physical Education Major's Club offers opportunities in a wide variety of activities. Ski enthusiasts may join the Boise College Ski Club.

**REQUIREMENTS FOR PHYS. ED. MAJOR**

*Bachelor of Science Degree*

I. Liberal Arts Option
   (Not offered in the 1968-69 school year).

II. Secondary Education Option
   A. Program for Men.
      1. General College and Basic Core requirements to include:
         - Human Anatomy and Physiology ..................... 4
         - Kinesiology ........................................ 3
         - Physiology of Exercise ............................ 3
         - General Psychology ............................... 3
         - Introduction to Sociology ........................ 3
         2. Physical Education requirements .................... 35 credits
            - Introduction to Physical Education .............. 2
            - Introduction to Recreation ........................ 2
            - First Aid ............................................ 2
            - Personal and Public Health ....................... 2
            * Human Physiology and Anatomy .................. 4
            * Kinesiology ......................................... 3
            * Physiology of Exercise .......................... 3
            - Team Sports Techniques ............................ 2
            - Individual and Dual Sports Techniques ........... 2
            - Gymnastics, Apparatus, and Fitness Tech. ........ 2
            - Correctives ......................................... 2
            - Organization and Administration of P.E. ......... 3
            - Tests and Measurements ............................ 2
            - Secondary School Health and P.E. ................ 2
            * Basic P.E. Activities .............................. 2
      3. Educational requirements for State Certification
         for Secondary Education .............................. 20 credits
      4. Physical Education Electives ........................ 14 credits
         (The following courses are especially recommended)
         - Sports Officiating ................................ 4
         - Elementary School Physical Education ............ 2
         - Coaching Football and Wrestling .................. 3
         - Coaching Basketball and Baseball ................. 3
         - Coaching Track and Field and The Care of
           Athletic Injuries .................................. 3
         - Dance Techniques .................................... 2
      5. A minimum of 15 credits in Electives outside
         the Major Field ....................................... 15 credits

B. Program for Women.
   1. General College and Basic Core requirements to include:
      - Basic Physical Education Activities (Women) ...... 56 credits
      - General Psychology .................................. 3
      - Introduction of Sociology .......................... 3
      - Human Physiology and Anatomy ..................... 4
      - Kinesiology ......................................... 3
      - Physiology of Exercise ............................ 3
   2. Physical Education requirements ....................... 45 credits
      - Introduction to Physical Education ............... 2
      - Introduction to Recreation ........................ 2

* * These subjects are included in the General College Basic Core requirements and therefore are not counted twice in the total 128 credits required for graduation.
First Aid ........................................ 2
Personal and Public Health .................... 2
*Human Physiology and Anatomy .......... 4
*Kinesiology .................................. 3
*Physiology of Exercise .................... 3
Elementary School Health .................. 2
Elementary School Physical Education .... 2
Secondary School Physical Education & Health 2
Organization and Administration of P. E. .. 3
Tests and Measurements ..................... 2
Correctives .................................... 2
Team Sports Techniques ..................... 2
Dance Techniques ............................. 2
Gymnastics, Apparatus and Fitness Techniques 2
High Organized Games ...................... 2
Basic Physical Education Activities (Electives) 4
Physical Education Activities Electives .... 4

3. Educational requirements for State Certification for Secondary Education .......... 20 credits

4. Electives (Outside Major Field) ............. 15 credits

III. Physical Education Minor
A. Program for Men.
   1. Under program I A above.
      a. Physical Education courses required .......... 25 credits
         Introduction to Physical Education .......... 2
         First Aid .................................. 2
         Team Sports Techniques ..................... 2
         Individual and Dual Sports Techniques ..... 2
         Gym, App., and Fitness Techniques .......... 2
         Kinesiology ................................ 3
         Physiology of Exercise ..................... 3
         Organization and Administration of P. E. .. 3
         P. E. Electives ............................. 6

B. Coaching (Men).
   1. Under program I A above
      a. Phys. Ed. courses required .......... 23 credits
         Introduction to P. E. ....................... 2
         First Aid .................................. 2
         Sports Officiating ......................... 4
         Coaching Football and Wrestling .......... 3
         Coaching Baseball and Basketball .......... 3
         Coaching Track and Field and Care of Athletic Injuries .............. 3
         Physical Education Electives ............... 6

C. Program for Women.
   1. Under program II-b above .... 23 credits
      a. Physical Education Courses required .......... 17 credits
         Introduction to Physical Education .......... 2
         Kinesiology ................................ 3
         Physiology of Exercise ..................... 3
         First Aid .................................. 2
         Organization and Administration of P. E. .. 3
         Team Sports Techniques ..................... 2
         Gymnastics, Apparatus & Fitness Tech. .... 2
      b. Physical Education Courses Electives .......... 6 credits
         (Select from the following recommended courses):
         Senior Life Saving ........................... 1
         Individual and Dual Sports Techniques .... 2
         Dance Techniques ............................ 2
         Tests and Measurements .................... 2
         Introduction to Recreation ................. 2

*These subjects are included in the General College basic core requirements and therefore are not counted twice in the total 128 credits required for graduation.
PHYSICAL EDUCATION MAJOR

Bachelor of Science Degree

(Suggested Program)

I. Secondary Education Option

A. Program for Men

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Kinesiology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Biology</td>
<td>4</td>
<td>4</td>
<td>Physiology of Exercise</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
<td>Team Sports Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Introduction to Phys. Ed.</td>
<td>2</td>
<td></td>
<td>Gymnastics, Apparatus, and Fitness Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Introduct. to Recreation</td>
<td>2</td>
<td></td>
<td>Foundations of Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>First Aid</td>
<td>2</td>
<td></td>
<td>Educational Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Basic Physical Education</td>
<td>1</td>
<td>1</td>
<td>Audio Visual Aids in Ed.</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Humanities Electives</td>
<td></td>
<td>2</td>
<td>Area III Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
<td>Electives</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>Senior Year:</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
<td>Individual and Dual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities Electives</td>
<td>2</td>
<td>2</td>
<td>Sports Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>4</td>
<td></td>
<td>Tests and Measurements</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Introduction to Education</td>
<td>2</td>
<td></td>
<td>Organiz. &amp; Administration</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Personal and Pub. Health</td>
<td>2</td>
<td></td>
<td>of P. E.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td>Secondary Health and Physical Education</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Intro. to Sociology</td>
<td>3</td>
<td></td>
<td>Adolescent Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
<td>4</td>
<td>Secondary School Methods</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td>Secondary Student Teach.</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

B. Program for Women

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
<td>Electives</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>General Biology</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro. to Physical Ed.</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro. to Recreation</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Aid</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personal and Pub. Health</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women Basic Activities</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phys. Ed. Activities (Elec.)</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
<td>Educational Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area III Electives</td>
<td>4</td>
<td>4</td>
<td>Audio-Visual Aids in Ed.</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
<td>Foundations of Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Human Physiology</td>
<td></td>
<td></td>
<td>Humanities Electives</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>and Anatomy</td>
<td></td>
<td>4</td>
<td>Kinesiology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Education</td>
<td>2</td>
<td></td>
<td>Elementary School Health</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Social Science Elective</td>
<td>3</td>
<td></td>
<td>Team Sports Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Physical Education Activities (Electives)</td>
<td>1</td>
<td>1</td>
<td>Gymnastics, Apparatus, and Fitness Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Physiology of Exercise</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Elemen. School Phys. Ed.</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dance Techniques</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Electives</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 these requirements, as at least twelve hours of each student's course work in psychology is "elective."

The student should be aware, however, that even the elective courses function as parts of a total program designed to produce a graduate with a strong background in basic psychology, and under no circumstances should he regard successful completion of this program as a preparation to perform psychological services of any kind. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.

REQUIREMENTS FOR PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science

I. Lower Division (68-70 credits)
   A. Psychology (See B. 2. below)
   B. Other
      1. Area I ........................................ 12 credits
      2. Area II ........................................ 24 credits
         History sequence .................................. 6
         Single Area II field other than History: General Psychology, 101-102 ........................................ 6
         Third Area II field ................................ 3
         Any Area II field .................................. 9
      3. Area III ....................................... 24-26 credits
         Fundamental concepts of Mathematics ........... 8
         General Zoology, 101, 102 ........................ 8
         Introduction to Physical Science, Introduction to Chemistry, or Gen. Chemistry ........ 8-10
      4. English Composition, 101-102 ....................... 6 credits
      5. Basic Physical Education Activities .............. 2 credits

II. Upper Division (40 credits)
   A. Psychology ........................................ 25 credits
      1. Statistical Methods ................................ 3
      2. Experimental Psychology ......................... 4
      3. Psychological Measurement ........................ 3
      4. Psychological Systems ............................ 3
      5. Psychology electives ................................ 12
   B. Upper Division Electives ............................. 15 credits

III. Free electives (18-20 credits)

NOTE: In both degree programs, "in addition to the [prescribed] degree requirements, a minimum of 15 credits hours is required ... in electives outside of the major field." Because a psychology major takes 12 (at least) hours more than the minimal requirements in natural science, this means that 3 (at most) of his "free electives" must be outside of his major department.
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 Teaching and consisting of general and professional education courses.

Requirements for the Bachelor of Arts in Elementary Education:

1. General College and Basic Core requirements to include:
   - Mathematics for Elementary Teachers: 6
   - Laboratory Science to include both Biological and Physical Science: 12
   - History of Western Civilization: 6
   - U. S. History: 6
   - American Government: 3
   - General Psychology: 3
   - Child Psychology: 3
   - Geography: 3
   - Social Science chosen from: Economics, Sociology, or Anthropology: 3

2. Additional general education requirements:
   - Advanced Grammar or Introduction to Linguistics: 3
   - Speech for Teachers: 3

3. Professional education requirements:
   - Elementary School Physical Education Methods: 2
   - Public School Music: 2
   - Elementary School Art Methods: 3
   - Children's Literature: 3
   - Audio Visual Aids: 2
   - Elementary Curriculum and Methods I and II: 6
   - Elementary Student Teaching: 8
   - Foundations of Education: 3

ELEMENTARY EDUCATION

Bachelor of Arts Program
(Suggested Program)

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science Sequence (Biological or Physical Science)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>History of Western Civilization</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to Education</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>*Electives</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Sophomore Year:

Introduction to Humanities or (two of the following: Introduction to Music, Introduction to Art, Introduction to Drama): 3

<table>
<thead>
<tr>
<th></th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Laboratory Science</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Fundamentals of Math for Elementary Teachers</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Survey of American Literature</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>U. S. History</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Geography</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business English</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>*Electives</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

Junior Year:
Literature ........................................... 3
Federal Government ................................ 3
Child Psychology .................................... 3
Educational Psychology .............................. 3
Elementary School Physical Education .............. 2
Advanced Grammar or Intro to Linguistics ............. 3
Speech for Teachers ................................... 3
Foundations of Education .............................. 3
Social Science Elective (Economics, Sociology or
Anthropology) ....................................... 3
Music Fundamentals .................................... 2
Public School Music .................................... 2
*Electives U. D. ............................................ 2

Senior Year:
Speech Analysis and Improvement .................. 16
Children's Literature ................................ 16
Audio Visual Aids ..................................... 3
Arithmetic Methods ................................... 2
Elementary School Art Methods ...................... 3
Elementary Curriculum & Methods .................. 3
Elementary School Student Teaching ................ 4
Electives U. D. .......................................... 5

Departure from this program must be approved by the Chairman of the Department of Teacher Education.

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 and Public Administration; 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," however.

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 joint direction of an advisor in the Department of Teacher Education and an advisor in his major department. He should refer to the Secondary Education Option of his major teaching field for greater detail.

Idaho offers two approaches to certification. One consists of the traditional teaching major and teaching minor, while the other consists of a composite teaching major. The following subjects are approved as teaching majors and must be accompanied by an approved teaching minor: Biology, Chemistry, History, and Mathematics. The following fields are approved as composite majors and do not require a teaching minor: Art, Business, English, Music, Physical Education, Social Science, Speech-Drama. It is sometimes desirable from the point of view of employment for the student to have a minor for a second teaching field in addition to the composite major where possible. In any case, specific requirements for each major are summarized under the subject-matter heading.

REQUIREMENTS

Listed under the title designating the appropriate subject matter in other sections of this Catalog.

SUGGESTED PROGRAM

Presented under the title designating the appropriate subject matter in other sections of this Catalog.

MINOR OPTIONS

LIBRARY SCIENCE TEACHING MINOR

In addition to general certification requirements, the training required for teacher-librarians ranges from a minimum of six semester hours of library science for limited certificates for elementary school librarians to twelve semester hours for librarians in secondary schools with enrollments of 500 or more. Training for the latter must include courses in library organization and administration, book selection, cataloging and classification, and reference. A student taking a Library Science Minor should be able to type.

A student presenting library science as a minor teaching field (20 semester credit hours) for secondary certification endorsement must have not less than fifteen semester credit hours in library science including cataloging and classification, and the remainder, if any, to be chosen from the field of English.

A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the library staff or library science instructor for guidance in planning his undergraduate program. These basic courses, however, will give suitable academic training for librarians in small public libraries of the area who are unable to attend graduate library schools.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Use of Libraries</td>
<td>2</td>
</tr>
<tr>
<td>*Library Organization and Administration</td>
<td>3</td>
</tr>
<tr>
<td>*Reference and Bibliography</td>
<td>3</td>
</tr>
<tr>
<td>*Basic Book Selection</td>
<td>3</td>
</tr>
<tr>
<td>**Cataloging and Classification</td>
<td>12</td>
</tr>
<tr>
<td>**Children's Literature</td>
<td>15</td>
</tr>
<tr>
<td>Audio Visual Aids in Education</td>
<td>2</td>
</tr>
<tr>
<td>Electives in Library Science</td>
<td>1-3</td>
</tr>
</tbody>
</table>

PHYSICAL EDUCATION MINORS

For Men:

1. General College and basic core requirements to include:
   General Psychology ........................................ 3

2. Physical education courses required
   Introduction to physical education ................. 2
   Kinesiology .................................................. 3
   Team Sports Techniques ................................. 2
   Gymnastics, Apparatus and Body Building Techniques 2
   Organization and Administration of Physical Ed. 3
   First Aid .................................................... 2
   Human Physiology and Anatomy .......................... 4

3. Physical Education Courses elective
   (to be selected from the following courses)
   Individual and dual sports techniques ............... 2
   Introduction to Recreation ............................. 2
   Sports Officiating ......................................... 4
   Elementary School Physical Education ................. 2

For Women:

1. General College and basic core requirements to include:
   General Psychology ........................................ 3

2. Physical Education courses required
   Introduction to physical education ................. 2
   Kinesiology .................................................. 3
   First Aid .................................................... 2
   Women's Basic Physical Education Activities .... 1
   Organization and Administration of Physical Education 3
   High Organized Games ...................................... 2
   Human Physiology and Anatomy .......................... 4

*These courses cover the four basic areas of professional training required by the Idaho State Department of Education and the Northwest Association of Secondary and Higher Schools for certification of school librarians.

**Required for state certification of elementary school teachers.
3. Physical Education Courses elective ........................................... 4
   (to be selected from the following courses)
   Senior Life Saving ......................................................... 1
   Individual and Dual Sports .............................................. 2
   Dance Techniques .......................................................... 2
   Tests and Measurements ................................................... 2
   Introduction to Recreation .............................................. 2

Coaching (Men):
1. General College and basic core requirements to include:
   General Psychology ....................................................... 3

2. Physical Education Courses required .................................... 22
   Introduction to Physical Education .................................... 2
   Sports Officiating .......................................................... 4
   Kinesiology ..................................................................... 3
   Coaching Football and Wrestling ....................................... 3
   Coaching Basketball and Baseball ...................................... 3
   Coaching Track and Field and Care of Athletic Injuries ......... 3
   Human Physiology and Anatomy ........................................... 4

COURSE OFFERINGS

PE PHYSICAL EDUCATION (47)

101 Introduction to Physical Education (Co-ed)—2 credits
   First semester
   Designed to give the prospective physical education teacher early training
   and understanding of what is involved in the profession.

103 Introduction to Recreation (Co-ed)—2 credits
   Second semester
   Designed to acquaint the student with the growth and development of
   community recreation and the role of community recreation in our present
   day society.

105 First Aid (Co-ed)—2 credits
   Second semester
   Prevention and treatment of common injuries. Course leads to Standard
   Red Cross First Aid Certificate.

121 Personal and Public Health (Co-ed)—2 credits
   Either semester
   This course deals with phases of health in which the student can aid in
   conserving the health of himself, his family and the community. It is con-
   cerned with such subjects as nutrition, degenerative diseases, health needs
   and services, alcohol, family living and the local health department.

150, 151 Basic Physical Education Activities (Women)—1 credit
   Each semester
   Involves participation in an activity program designed to improve social
   appreciation and attitudes through development of basic performance skills
   in the fundamental activities of sports, dance, and gymnastics. First semester
   activities include team sport, conditioning exercises, gymnastics, and a variety
   of basic rhythmic skills. Second semester activities include individual and/or
   dual sport, dance rhythms, physical fitness, and gymnastics.

152 Swimming (W) (Elective)—1 credit
   Each semester

155 Drill Team Clinic—1 credit
   Summer session
   A workshop designed to teach how to organize, operate and control a
   girl's marching and dancing team, to create football drills, basketball shows,
   and parades.

†157-158 Drill Team (W) (Elective)—1 credit
   Each semester
   Drills composed of dance steps and arranged in various formations and
   maneuvers for halftime presentation at football and basketball games. One
   hour daily. By instructors permission.

159 Self-defense (W) (Elective)—1 credit
   Each semester
   The defensive arts are presented in the form of Aikido, teaching coordi-
   nation of the mind and body, and non-aggressive application of the natural
   laws of gravity and force.

†A hyphen between course numbers indicates that the first numbered course is a prerequisite
   to the second numbered course; a comma between course numbers indicates either course may
   be taken independently of the other.
Education 143

166—Varsity Participation (M)—1 credit
   Includes Football, Basketball, Wrestling, Baseball, Track and Cross
   Country.
174 Judo (M) Elective—1 credit
175 Self-defense (M) Elective—1 credit
†176-177 Basic Physical Education Activities (Men)—1 credit Each semester
   Involves participation in a variety of activities designed to improve the
   physical condition, coordination, and skills of the individual. The first semester
   activities include touch football, soccer, gymnastics and apparatus, and physical
   fitness and testing activities. Second semester activities include basketball,
   volleyball, body building techniques, and physical fitness and testing.
178 Swimming (M) (Elective)—1 credit Either semester
   Students will be given a placement proficiency test.
187 Tap Dancing (Co-ed elective)—1 credit Either semester
188 Social Dancing (Co-Ed Elective)—1 credit Each semester
189 Folk & Square Dancing (Co-ed Elective)—1 credit Each semester
190 Bowling (Co-ed Elective)—1 credit Each semester
191 Skiing & Mountaineering (Co-ed Elective)—1 credit Second semester
192 Defensive Tactics—1 credit (co-ed) Elective Second semester
   The course consists of physical defense against one or more persons;
   physical arrest, control and restraint; familiarization with control devices;
   definition and application of that force which is reasonable and necessary;
   individual and group tactics. Prerequisite: Enrollment in pre-professional and
   professional Criminology programs.
203, 204 Sports Officiating (Co-ed)—2 credits Each semester
   Game administration and the fundamental principles, rules, mechanics
   and techniques of officiating a variety of sports.
252 Volleyball-Basketball (W)—1 credit (Elective) Either semester
253 Gymnastics (W)—1 credit (Elective) Either semester
254 Tennis-Badminton (W)—1 credit (Elective) Either semester
256 Field Hockey-Trimnastics (W)—1 credit (Elective) Either semester
258 Softball-Trimnastics (W)—1 credit (Elective) Either semester
271 Soccer (M)—1 credit (Elective) Either semester
272 Volleyball-Basketball (M)—1 credit (Elective) Either semester
273 Gymnastics (M)—1 credit (Elective) Either semester
274 Tennis-Badminton (M)—1 credit (Elective) Either semester
277 Body Conditioning (M)—1 credit (Elective) Either semester
281 Advanced Swimming (Co-Ed)—1 credit (Elective) Either semester
   Prerequisite: Intermediate swimming or instructor permission.
282 Senior Life-Saving (Co-ed)—1 credit (Elective) Either semester
   Prerequisite: Advanced Swimming or instructor's permission.
283 Water Safety Instruction (Co-ed)—1 credit (Elective) Either semester
   Prerequisite: Sr. Lifesaving certificate and 18 years of age.
284 Archery-Golf (Co-ed)—1 credit (Elective) Either semester
286 Fencing (Co-ed)—1 credit (Elective) Either semester

Upper Division
321 Coaching Football and Wrestling (M)—3 credits First semester
   Individual fundamentals, offensive and defensive team strategy, conditioning
   athletes for football. Offense and defense in wrestling, equipment and
   facilities; meets and tournaments; wrestling styles; and conditioning and
   training. Prerequisite: Junior standing or instructor permission.
325 Coaching Basketball and Baseball (M)—3 credits Second semester
   Methods of coaching offense and defense; styles of play and basketball
   strategy. Baseball fundamentals including batting, fielding, conditioning and
   training. Prerequisite: Junior standing or instructor's permission.
329 Track and Field Treatment and Care of Athletic
   Injuries (M)—3 credits Second semester
   The theory and methods of coaching the various events in track and
   field and the planning of meets. The prevention and treatment of athletic
†A hyphen between course numbers indicates that the first numbered course is a prerequisite
   to the second numbered course; a comma between course numbers indicates either course may
   be taken independently of the other.
144

Boise State College

injuries. Study of modern practices in athletic training. Prerequisite: Human Physiology and Anatomy and upper division standing or permission of instructor.

336 Gymnastics, Apparatus, Fitness Techniques (Co-ed)—2 credits

   Either semester

   Techniques and skills of gymnastics and apparatus. Agility drills and general physical conditioning including safety precautions, equipment and measurement. Prerequisite: Lower division Gymnastics or instructor's permission. One hour lecture and one two-hour lab.

337 Team Sports Techniques. (Co-ed)—2 credits

   Either semester

   A consideration of Basic techniques of team sports including skills, rules, and strategies with special emphasis on teaching procedures. One one-hour lecture and one two-hour lab.

341 Dance Techniques (Co-ed)—2 credits

   Either semester

   Fundamental and advanced techniques in Ethnic Folk and American Square Dances with additional Social Dance techniques. Prerequisite: Folk and Square Dance and Social Dance. 1 hour lecture and 1 two-hour lab.

342 Individual and Dual Sports Techniques (Co-ed)

   Either semester

   Techniques and skills in a variety of individual and dual sports in physical education and community recreation programs. One hour lecture and one two-hour lab.

351 Kinesiology (Co-ed)—3 credits

   First semester

   A study of the range, quality, and capacities of movement of the human body, analysis of muscular movement in sports activities. Prerequisite: Human Physiology and Anatomy Z-107.

355 Physiology of Exercise (Co-ed)—3 credits

   Second semester

   The effects of muscular exercise and physical conditioning on the circulatory, respiratory, and other physiological processes. Prerequisite: Kinesiology PE-351.

361 Elementary School Physical Education (Co-ed)

   Either semester

   The study of the physical needs of elementary school children combined with the selection and planning of activities; methods and procedures in the presentation of the physical education program. One hour lecture. One hour lab per week.

363 Elementary School Health Education (Co-ed)—2 credits

   Second semester

   A survey of methods and techniques in presenting Health materials. Emphasis on available source materials and the organization of teaching health units for elementary schools. Two hours per week.

451 Correctives (Co-ed)—2 credits

   Second semester

   Survey of common deviations of posture, functional disturbances and crippling conditions found in school children. Consideration of the extent and limitations of the teacher's responsibility for correction or improvement of physical defects. Prerequisite: Junior standing or instructor's permission.

455 Tests and Measurements (Co-ed)—2 credits

   Second semester

   Testing procedures and standard tests used in physical education activities; the evaluation of physical education activities; physical makeup of examinations and importance of evaluating programs in physical education. Prerequisite: Junior standing or instructor's permission.

457 Organization and Administration of Physical Education (Co-ed)—3 credits

   First semester

   Study of departmental organization, instructional and recreational programs, supervision of instruction, physical plant, and finance. Prerequisite: Junior standing or instructor's permission.

461 Secondary School Health and Physical Education (Co-ed)—2 credits

   Either semester

   Designed to give prospective secondary teachers a foundation in school health education and physical education. Healthful school living and instructional programming is emphasized. Prerequisite: Junior standing or instructor's permission.
471 High Organized Games (W)—2 credits
   Special emphasis is placed on officiating; prevention and care of athletic injuries; selection and maintenance of equipment for the respective games. One hour lecture and one two-hour lab.

P PSYCHOLOGY (76)

Lower Division

101 General Psychology—3 credits
   The first half of an introductory course in psychology. General Psychology 101 and 102 are more concerned with theory and terminology than are the other beginning courses listed in this section. Emphasis in the first semester will be on growth and development, individual differences, motivation, emotion, adjustment, learning perception, and thinking. Recommended preparation: one year of college-level science.

102 General Psychology—3 credits
   A fresh look at the traditional problems of psychology. Whereas the approach in the first semester is eclectic, in this semester class work will be concerned primarily with understanding the point of view of a single prominent psychological theorist. Selected supplementary readings will be available. Prerequisite: General Psychology P-101.

105 Applied Psychology—3 credits
   A study of the application of psychological principles to selected activity areas, such as business, education, military, medicine, law enforcement, etc. The course is designed especially for those students whose majors lie outside the behavioral sciences.

210 Human Growth and Development—3 credits
   A survey of significant factors in development from conception through adolescence. Consideration is given to normal patterns of maturation and adjustment. Major constitutional and environmental adjustment problems will also be presented. The course is intended for those who wish to study the general factors in child and adolescent development, not for psychology or education majors. Students may not earn credits in this course and in Child Psychology P-311 and Adolescent Psychology P-312.

Upper Division

301 Abnormal Psychology—3 credits
   A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of current preventive and remedial practices. Prerequisite: General Psychology P-101 and P-102.

305 Statistical Methods—3 credits
   Statistical concepts and methods commonly used in treatment of data in the Social Sciences. Topics covered will include: measures of central tendency and of variability, correlation measures, probability, and simple analysis of variance. Prerequisites: Fundamental Concepts of Mathematics M-105-106.

311 Child Psychology—3 credits
   A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional environmental factors, to normal growth patterns, and to problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology P-101.

312 Adolescent Psychology—3 credits
   Chronologically a continuation of Child Psychology P-311; the course will emphasize the special conditions of adolescent growth and adjustment. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology P-101.

321 Experimental Psychology—4 credits
   The application of scientific methodology to the study of behavior. Design of experiments; methods of analysis and interpretation of data; reporting of behavioral research. Two lectures and two two-hour laboratory periods per week. Prerequisite: General Psychology P-101, Statistical Methods P-305 and Fundamental Concepts of Mathematics M-105-106.
325 Educational Psychology—3 credits
Each semester
A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology P-101.

341 Perception—3 credits
First semester
A survey of the basic concepts in the psychology of perception, including a review of the finds of present day research on the receptor processes. Prerequisite: General Psychology P-101.

351 Personality—3 credits
Second semester
A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology P-101.

421 Psychological Measurement—3 credits
Second semester
An introduction to the theory and nature of psychological measurement together with a survey of types of psychological tests currently used. Prerequisite: Statistical Methods P-305 and Fundamental Concepts of Mathematics M-105-106, General Psychology P-101.

431 Social Psychology—3 credits
First semester
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 used as a Psychology or Sociology credit. Prerequisite: General Psychology P-101 and Introduction to Sociology SO-101.

441 Learning—3 credits
First semester
Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: conditioning, rote learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology P-101, Fundamental Concepts of Mathematics M-105-106, Statistical Methods P-305, and Experimental Psychology P-321.

461 Psychological Systems—3 credits
Second semester
Major theoretical formulations of the past and present. Prerequisite: Senior standing in psychology.

TE TEACHER EDUCATION (68)

Lower Division
101 Introduction to Education—2 credits
Each semester
A general introductory course in education to give the student, as early as possible in his preparation for teaching, some familiarity with the teaching profession. It deals with the work of the teacher, the fundamental social and historical background for teaching, and contrasts the American school system with foreign school systems. This course helps the student decide whether or not he should become a teacher.

Upper Division
331 Foundations of Education—3 credits
Second semester
A study of the historical philosophy and social backgrounds of education as a basis for understanding present practices in public education.

351 Elementary Curriculum and Methods—
Language Arts—3 credits
First semester
Curriculum, materials, and methods of teaching the language arts in the elementary school with special attention given the teaching of reading.

352 Elementary Curriculum and Methods—
Social Studies, Science—3 credits
Second semester
Curriculum, materials, and methods of teaching social studies and science, in the elementary school. Prerequisite: Curriculum and Methods—ED-351.

353 Arithmetic Methods—2 credits
Summer
A study of the grade placement of arithmetic content, methods and materials of instruction with emphasis on how to bring about insightful learning and tools of instruction including concrete and semi-concrete materials. Means of evaluating achievement are considered.
354 Science for Elementary Schools—2 credits  
A study of science concepts and information for elementary teachers as well as a knowledge of objectives, materials, and methods needed by a teacher for preparing learning activities and answering children's questions in a functional elementary science program; Emphasizes the psychological processes and learning activities necessary for the development of an individual's scientific inquiry abilities. Prerequisite: eight hours lab science and Elementary Methods and Curriculum and/or teaching experience.

355 Teaching of Reading—2 credits  
A detailed consideration of the content to be taught and the methods and materials to be used in the teaching of reading from kindergarten through sixth grade. Investigation of recent research coupled with wide library reading and individual research. Prerequisite: Elementary Curriculum and Methods or permission of instructor.

356 Audio-Visual Aids in Education—2 credits  
Motion pictures, graphic materials, filmstrips, lantern slides, field trips and auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved.

357 Language Arts Methods—2 credits  
A detailed consideration of the scope and nature of an adequate program of instruction in language, spelling and handwriting in kindergarten through sixth grade. An investigation of recent and pertinent research in the language arts and the implications of these research data to modern techniques of teaching. Prerequisite: Elementary Curriculum and Methods and/or teaching experience.

359 Social Studies Methods—2 credits  
A study of methods of teaching the social studies in the elementary school with emphasis upon the criteria for the selection of content. A detailed consideration of objectives; construction and use of units, problem solving and methodology including use of concrete experiences, audio-visual materials, group processes, questioning, reading and techniques of evaluation. Prerequisites: Elementary Curriculum and Methods and/or teaching experience.

361 Workshop in Modern Mathematics for Elementary Teachers—3 credits  
A workshop in modern or contemporary mathematics, its content and methods. This course will consist of an examination of the content and methodology of a selected mathematics program. Six hours of lecture and four hours of lab per week. The course is limited to experienced teachers.

371 Guidance for the Classroom Teacher—2 credits  
A study of the guidance activities normally carried on by the classroom teacher. Prerequisite: Introduction to Education ED-101.

380 Secondary School Methods—2 credits  
A study of the over-all program of the secondary school with special attention given to the methods and materials of instruction. Application is made to student's major and minor teaching areas. Students who take a special methods course in their major field such as Secondary School Art Methods, Methods of Teaching Secondary School English, or Methods of Business Education should enroll in this course rather than TE-381. Prerequisite: Educational Psychology PY-325, G.P.A., 2.1. Recommended to be taken concurrently with Student Teaching.

381 Secondary School Methods—3 credits  
A study of the over-all program of the secondary school with special attention given to the methods and materials of instruction. Application is made to student's major and minor teaching areas. Prerequisite: Educational Psychology PY-325, G.P.A., 2.1. Recommended to be taken concurrently with Student Teaching.

391 Psychology of the Exceptional Child—3 credits  
A psychological study of children who deviate from the average mentally, physically, socially, and emotionally to such an extent that special treatment is needed. Problems of identification, diagnosis, treatment, training, and employment are considered. Prerequisite: Educational or Child Psychology.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>392</td>
<td>Education of the Exceptional Child</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>A study of methods, materials, and curriculum for atypical children in regular and special classrooms. Prerequisite: Psychology of the Exceptional Child.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>393</td>
<td>Driver Education</td>
<td>2</td>
<td>Summer</td>
</tr>
<tr>
<td></td>
<td>This course is designed to aid teachers in the instruction of beginning drivers, and in the use of dual controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>455</td>
<td>Corrective Reading in the Elementary School</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>A study of reading achievement difficulties of elementary school pupils. Prerequisite: Elementary Student Teaching ED-471 or teaching experience and a basic course in the teaching of reading.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>470</td>
<td>Elementary Student Teaching</td>
<td>3</td>
<td>Summer</td>
</tr>
<tr>
<td></td>
<td>Observation and supervised teaching in the schools of Boise.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>471</td>
<td>Elementary Student Teaching</td>
<td>4</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>Observation and supervised teaching in the schools of Boise.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>472</td>
<td>Elementary Student Teaching</td>
<td>5</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>Observation and supervised teaching in the schools of Boise.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>481</td>
<td>Secondary Student Teaching</td>
<td>6</td>
<td>Either</td>
</tr>
<tr>
<td></td>
<td>Supervised secondary student teaching in the student's major and minor fields. Prerequisite: Approval of an Application for Student Teaching, recommendation of student's major teaching department, Senior standing, and G.P.A., 2.1.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LS LIBRARY SCIENCE (71)**

**Lower Division**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Introduction to use of Books and Libraries</td>
<td>2</td>
<td>Either</td>
</tr>
<tr>
<td></td>
<td>Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshman, sophomores, and new students. Recommended for education majors.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Upper Division**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>Library Organization and Administration</td>
<td>3</td>
<td>First</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>311</td>
<td>Reference and Bibliography</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>321</td>
<td>Basic Book Selection</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>Principles and techniques for evaluating and selecting library materials; introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discarding and weeding.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>331</td>
<td>Cataloging and Classification</td>
<td>3</td>
<td>Second</td>
</tr>
<tr>
<td></td>
<td>Introduction to theory and principles of classification and cataloging of library materials including books and non-book materials. Practice in use of Dewey decimal classification American Library Association (ALA) and (LC) cards, assigning subject headings, and library filing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>341</td>
<td>Literature for the Adolescent</td>
<td>3</td>
<td>Each</td>
</tr>
<tr>
<td></td>
<td>Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of Lower Division Literature.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PART VI

Area Vocational Technical School

FACULTY
OBJECTIVES
ADMISSION REQUIREMENTS
TUITION
VOCATIONAL TWO-YEAR PROGRAMS
TECHNICAL TWO-YEAR PROGRAMS
DATA PROCESSING TWO-YEAR PROGRAM
DISTRIBUTIVE EDUCATION TWO-YEAR PROGRAM
ONE-YEAR VOCATIONAL-TECHNICAL PROGRAMS
DIRECTOR, Charles R. Rostron, M.S.C.E.

Vocational Counselor: Mr. Schroeder

Auto Body: Mr. Curtis

Auto Mechanics: Mr. Snell, Mr. Fleshman, Mr. Fuerher

Computer Programming: Mr. Keller, Mr. Maloney, Mr. Severance

Dental Assisting: Dr. Leavitt, Dr. Moore, Mrs. MacInnis

Drafting and Design: Mr. Van Liew, Mr. Weston

Electronics: Mr. Cofield, Mr. Sieber

Horticulture: Mr. Oyler

Machine Shop: Mr. Hager, Mr. Baggerly

Mid-Management: Mr. Scudder, Mr. Knowlton

Office Machine Repair: Mr. Harris, Mr. Millard

Practical Nursing: Mrs. Crowson

Related Instruction: Mr. Tompkins, Mr. Canavan, Mr. Tennyson

Welding: Mr. Buchanan, Mr. Ogden

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.

Admission Requirements:

Application materials may be obtained from the Director of Admissions Office, Boise College.

(a) Application for Admission: Fill out an Application for Admission Form. Once completed, the application should be returned to the Admission's Office.

(b) Educational background: Request a transcript of High school credits and, if applicable, a transcript of College credits be sent to the institution(s) directly to the Director of Admissions.

(c) Reference: A minimum of one reference must be submitted by school authorities, employers, or interested persons. No relatives accepted.

(d) Aptitude Test: Contact the nearest local office of the Department of Employment or Youth Opportunity Center and request a General Aptitude Test Battery to be taken for the Vocational-Technical Division of Boise College. Request that the office send the results to the local office of the Department of Employment, or directly to the Vocational-Technical Division, Boise College, Boise, Idaho 83707.

(e) Photos: Two (2) copies of recent photos of yourself—billfold size (2" x 3") on the back of which please sign your name.

(f) Physical Examination: Report from your local physician on college form supplied with the application materials.

(g) Personal Interview: Upon furnishing the above data, a notice will be sent to you to arrange for a personal interview.

Tuition for Vocational Students:

The State Board for Vocational-Technical Education co-operates with Boise College in financing vocational and technical courses, and has designated this division an Area Vocational-Technical School. Students are admitted on the resident tuition rate, provided they are a resident of the State of Idaho.
VOCATIONAL
Two Year Programs
AUTO BODY CURRICULUM

AB—AUTO BODY — CURRICULUM

The Auto Body and Refinishing curriculum is designed to provide the student with the background necessary for employment in a shop repairing and refinishing damaged automobiles. Basic laboratory practices of restoring vehicles to their original design, structure, and finish are covered in this course. Some basic glasswork, frame alignment, and upholstery work are also covered. The student is given the opportunity to work on a variety of repair and refinish jobs in the shop, and to spend time in the parts and tool room. This training provides students with the necessary skills and knowledge for employment in the Auto Body Trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.

Freshman Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AB-101-102 Auto Body Laboratory</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>AB-111-112 Communication Skills</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AB-131-132 Related Basic Mathematics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AB-151-152 Related Basic Theory</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

Sophomore Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AB-201-202 Advanced Auto Body Laboratory</td>
<td>23</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>AB-241-242 Auto Body Science</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AB-251-252 Related Advanced Theory</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>AB-262 Industrial Psychology and Job Ethics</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

AB AUTO BODY (82) — Courses

+101-102 Auto Body Laboratory—8-9 credits

First and second semesters—Training in the basic laboratory skills of hand tools, power tools and painting operations of Auto Body trade. Twenty clock hours per week each semester.

111-112 Communication Skills—3 credits

This course is designed to develop the student's communication skill in observing, listening and reading, with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester — develops communication skill in speaking and writing with emphasis on conversational speaking, clarity and brevity and letter, report, and technical writing. Three clock hours per week each semester.

131-132 Related Basic Mathematics—3 credits

First semester—Review of basic arithmetic and business arithmetic as it applies to the auto body trade. Second semester—Advanced Business arithmetic, shop bookkeeping and estimate writing. Three clock hours per week each semester.

A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
151-152 Related Basic Theory—2 credits
First and second semesters—Study in workbooks—metal working and auto refinishing; shop safety and shop housekeeping. The shop library offers reference books, trade journals and visual aids. As it applies to the Auto Body trade. Lectures and demonstrations are given by personnel from various industries and trades. Four clock hours per week each semester.

201-202 Advanced Auto Body Laboratory—11-8 credits
First and second semesters—Advanced training in basic skills, hand and power tools, painting, frame alignment, panel replacement, and glass replacement. Twenty-three clock hours per week first semester. Twenty clock hours per week second semester. Prerequisite: Auto Body Laboratory AB-102.

241-242 Auto Body Science—3 credits
First and second semesters—Advanced study as it is related to job application of the Auto Body craft. Three clock hours per week each semester.

251-252 Related Advanced Theory—2-3 credits
First and second semesters—Advanced study of subjects and topics covered in AB-151-152. Four clock hours per week first semester and five clock hours per week second semester. Prerequisite: Related Basic Theory AB-152.

262 Industrial Psychology and Job Ethics—2 credits
Second semester
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

---

**HO HORTICULTURE SERVICE TECHNICIAN — CURRICULUM**

<table>
<thead>
<tr>
<th><strong>Subject</strong></th>
<th><strong>First Semester</strong></th>
<th><strong>Second Semester</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>HO-I01-I02</td>
<td>Horticulture Laboratory 15, 5</td>
<td>15, 5</td>
</tr>
<tr>
<td>HO-111-112</td>
<td>Communication Skills 3, 3</td>
<td>3, 3</td>
</tr>
<tr>
<td>HO-131-132</td>
<td>Related Basic Mathematics 3, 3</td>
<td>3, 3</td>
</tr>
<tr>
<td>HO-141-142</td>
<td>Related Basic Science 2, 2</td>
<td>2, 2</td>
</tr>
<tr>
<td>HO-151-152</td>
<td>Related Basic Theory 7, 3</td>
<td>7, 3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>30, 16</td>
</tr>
</tbody>
</table>

**Sophomore Year:**

<table>
<thead>
<tr>
<th><strong>Subject</strong></th>
<th><strong>Third Semester</strong></th>
<th><strong>Fourth Semester</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>HO-201-202</td>
<td>Horticulture Laboratory 15, 5</td>
<td>15, 5</td>
</tr>
<tr>
<td>HO-231</td>
<td>Related Mathematics 3, 3</td>
<td>3, 3</td>
</tr>
<tr>
<td>HO-241-242</td>
<td>Related Science 2, 2</td>
<td>2, 2</td>
</tr>
<tr>
<td>HO-251-252</td>
<td>Related Theory 7, 3</td>
<td>7, 3</td>
</tr>
<tr>
<td>HO-261</td>
<td>Related Salesmanship 3, 3</td>
<td>3, 3</td>
</tr>
<tr>
<td>HO-271</td>
<td>Individual Project 5, 3</td>
<td>5, 3</td>
</tr>
<tr>
<td>HO-112</td>
<td>Communication Skills 3, 3</td>
<td>3, 3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>30, 16</td>
</tr>
</tbody>
</table>
HO HORTICULTURE SERVICE TECHNICIAN (94) — Courses

101 Horticulture Laboratory—5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of biennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climatic and other factors limiting growth; soils; and soil amendments. Fifteen clock hours per week.

102 Horticulture Laboratory—5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include methods of plant propagation; construction of growing containers and houses; arrangement and implementation of entire greenhouse operation; the use of insecticides, pesticides, etc. and precautions necessary during use. Prerequisite: Horticulture Laboratory 94-101.

111-112 Communication Skills—3 credits
This course is designed to develop the student's communication skill in observing, listening and reading, with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester—to develop communication skill in speaking and writing with emphasis on conversational speaking, clarity and brevity in letter, report, and technical writing. Three clock hours per week each semester.

131-132 Related Basic Mathematics—3 credits
First semester—developing comprehension of the basic principles of mathematics. Specific areas include: addition, subtraction, multiplication, division, fractions, percentage, denominate numbers, square root, mensuration. Second semester—developing comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered to include: income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll income taxes, etc. Three clock hours per week each semester.

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 each semester.

151-152 Related Basic Theory—3 credits
First semester—developing comprehension, analysis, and evaluation of the following: (1) introduction into the field of horticulture, (2) plant classifications and growth, (3) climate and other growth limiting factors, (4) soils 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 each semester.

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 of landscape drawings, making concrete, block, brick, stone, and wood structures, growing greenhouse crops, welding structures, and basic first aid.

202 Horticultural Laboratory—5 credits
Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include maintenance and operation of power equipment, establishment and maintenance of lawns, shrubs and trees, prevention and treatment of plant wounds.

231 Related Mathematics—3 credits
Developing comprehension of the principles of credit and collections by the application of mathematics to the solution of horticultural problems.
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—3 credits
   Developing comprehension, analysis, and evaluation of the following: (1) various types of construction common to plant growing, i.e. greenhouses, cold frames, hot beds, lath houses, propagators, germinators, etc.; (2) materials of construction, i.e. concrete, mortar, block, brick, stone, wood, etc.; (3) greenhouse crops; (4) first aid.

252 Related Theory—3 credits
   Developing comprehension, analysis and evaluation of the following: (1) power machines as used in horticulture i.e. mowers, tillers, saws, shredders, aerifiers, sod cutters, pesticide applications, etc.; (2) turf, shrub, and tree management procedure; (3) prevention and treatment of plant wounds.

261 Related Salesmanship—3 credits
   Developing comprehension of the principles of horticultural salesmanship by the application of psychology and sociology to the solution of sales problems.

271 Individual Project—3 credits
   Providing the opportunity for the student to apply all his prior education in planning, developing and completing a unique, practical horticultural project.

**MS MACHINE SHOP — CURRICULUM**

This course consists of shop work and related instruction in the use of hand and basic 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>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
<td>Clock Hrs.</td>
</tr>
<tr>
<td>MS 101-102</td>
<td>Machine Shop Laboratory</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>MS 111-112</td>
<td>Communication Skills</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MS 131-132</td>
<td>Related Basic Mathematics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MS 141-142</td>
<td>Machine Shop Science</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Sophomore Year:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
<td>Clock Hrs.</td>
</tr>
<tr>
<td>MS-201-202</td>
<td>Advanced Machine Shop Laboratory</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>MS-231-232</td>
<td>Related Advanced Mathematics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MS-241</td>
<td>Advanced Machine Shop Science</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MS-251-252</td>
<td>Related Advanced Theory</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>MS-262 Industrial Psychology and Job Ethics</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>
MS MACHINE SHOP (95) — Courses

101-102 Machine Shop Laboratory — 8 credits Each semester
  First semester — Introduction to the operating principles of basic machine tools such as the lathe, milling machines, drill press, and grinders. It also includes bench-work, set-ups, safety and good shop practice and theory. Second semester — Training is offered to develop skills in setting up and operating machine tools, use of standard attachments; special attention is given to developing good machine design and work habits. Twenty clock hours per week each semester.

111-112 Communication Skills — 3 credits Each semester
  This course is designed to develop the student’s communication skill in observing, listening and reading, with emphasis on study methods, memory and concentration work, vocabulary improvement and a review of basic English and spelling. Second semester — to develop communication skill in speaking and writing with emphasis on conversational speaking, clarity and brevity in letter, report, and technical writing. Three clock hours per week each semester.

131-132 Related Basic Mathematics — 3 credits Each semester
  First semester — A review of the fundamentals of arithmetic is offered with special emphasis on decimals and elementary arithmetic problems as applied to machine tools and machinery problems. Second semester — Fundamentals of algebra and geometry as they relate to the machine trade. Three clock hours per week each semester.

141-142 Machine Shop Science — 2 credits Each semester
  First semester — (Drawing and Blueprints). Instruction in layout and design as it relates to machinists, reading and interpreting blueprints; free hand sketching skills are developed. Second semester — (Physics). A study of force, lever, pulley wheel, incline plane wedge, and friction; gear speeds and sizes. A study of the nature of metals, production of metals, analysis of tool steels and heat treating. Four clock hours per week each semester.

201-202 Advanced Machine Shop Laboratory — 8 credits Each semester
  First semester — A continuation of basic machine shop operation involving manipulative training and increased skill in the operation of planers, shapers, milling machines, lathes, drill presses, tool and cutter grinders, surface grinders and heat treating. Second semester — The student is allowed to work as he would in industry with a minimum amount of supervision. Each graduating student is required to make a mechanism of his own selection that is standard and has been approved and used in industry. Twenty clock hours per week each semester. Prerequisite: Machine Shop Laboratory MS-102.

231-232 Related Advanced Mathematics — 3 credits Each semester
  First semester — Principles of shop trigonometry, threading speeds and feeds, gearing and indexing. Second semester — Algebra and trigonometry tables and other materials with the application to formulas. Emphasis on advanced jig and fixture design, bearing load calculations, gear stress and strain capacity calculations. Students will use the machinery handbook throughout the course. Three clock hours per week each semester. Prerequisite: Related Basic Mathematics MS-132.

241 Advanced Machine Shop Science — 3 credits First semester
  Metals and their properties; alloys and their characteristics and reactions in machinery; coolants, lubricants, cutting oils, chip-action, casting extrusion, dies, billets, welding assemblies, strength and stress of materials. Inspection process of finished work is a part of the course. Three clock hours per week. Prerequisite: Machine Shop Science MS-142.

251-252 Related Advanced Theory — 2-3 credits Each semester
  First semester — Review of “Ford’s Shop Theory” text. Reading and studying from current machinery catalogs and trade magazines involving new trends, materials, equipment, and techniques as they are being developed in modern machine industry. Second semester — Advanced theory as related to the machine trade. Company contacts are a part of the course. Safety and good work

†A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
habits are stressed. Proper care and function of tools and machines not found in the school shop. Field trips and resource persons contribute to this course content. Four clock hours per week, first semester and five clock hours per week second semester. Prerequisite: Machine Shop Science MS-142.

262 Industrial Psychology and Job Ethics—2 credits Second semester
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

OM OFFICE MACHINE REPAIR — CURRICULUM

The course and outline in Office Machine Repair has been developed to give the student of the course enough basic knowledge to be productive and able to perform the average job without any additional training. He will be qualified to make maintenance contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. This is a two-year course and credits are not counted toward an academic degree.

Freshman Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>OM-101-102 Office Machine Repair Laboratory</td>
<td>15</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>OM-111-112 Communication Skills</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>OM-131-132 Basic Mathematics</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>OM-141-142 Related Science</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>OM-151-152 Related Theory</td>
<td>5</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

Sophomore Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>OM-201-202 Advanced Office Machine Repair Lab.</td>
<td>15</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>OM-231-232 Advanced Mathematics</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>OM-241-242 Advanced Science</td>
<td>5</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>OM-251-252 Advanced Theory</td>
<td>5</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>OM-262 Industrial Psychology and Job Ethics</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MM-101 Retail Selling</td>
<td>—</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

OM OFFICE MACHINE REPAIR (96) — Courses

101-102 Office Machine Repair Laboratory—5 credits Each semester
First semester—The student is issued standard typewriters to be completely disassembled and reassembled. All adjustments are taught as well as the proper use of hand tools. Instructions are given on the process of chemical cleaning, oiling and refinishing of platens; preparing work orders and other clerical work required of a repairman. Second semester—The student is issued electric typewriters to be completely disassembled and reassembled. All adjust-
ments are taught regarding the electric features of the machine. Special emphasis is placed on maintenance and cleaning of electric motors and the wiring schematic of the machine. The use of power tools and shop equipment is taught during this semester. 15 clock hours per week each semester.

111-112 Communication Skills—3 credits Each semester
This course is designed to develop the student's communication skill in observing, listening and reading, with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester—to develop communication skill in speaking, and writing with emphasis on conversational speaking, clarity and brevity in letter, report, and technical writing. Three clock hours per week each semester.

131-132 Related Basic Mathematics—3 credits Each semester
First semester—Basic review of ordinary business arithmetic problems including addition, multiplication, division, fractions, decimals, square areas and volumes. Second semester—Advanced business arithmetic problems including mixed numbers, positive and negative numbers, percentages, and related geometry. Three clock hours per week each semester.

141-142 Related Basic Science—2 credits Each semester
First semester—The course is intended to develop the student's knowledge of basic related principles and includes the study of force, weight, friction, motion, power, energy, and simple machines. Second semester—the student gains a knowledge of heat, electricity and its uses, magnetism, resistance and controls. Special instructions are given on safety precautions in the use of electricity. Four clock hours per week each semester.

151-152 Related Basic Theory—3 credits Each semester
Study of mechanical theory of each machine being taught. Regulation factory manuals for office machines are used and the student is taught to read and understand the mechanical drawings, as well as the printed descriptions accompanying them. Five clock hours per week each semester.

201-202 Office Machine Repair Laboratory—5 credits Each semester
First semester—The student is issued adding machines to be completely disassembled and reassembled. All adjustments are taught as well as the use of special adding machine tools. Refinishing outside cases and the application of special paints is taught during this semester. Second semester—Each student is issued a calculating machine to be completely disassembled and reassembled. All adjustments are taught. An introduction is given to the numerous mechanical methods used in machine calculations covering basic principles. Fifteen clock hours per week each semester. Prerequisite: Office Machine Repair Laboratory OM-102.

231-232 Related Advanced Mathematics—3 credits Each semester
First semester—Special emphasis is placed on analyzing machine errors on the printed tape and associating them with faulty or maladjusted parts. Calculating machine operations are studied. All basic business problems are taught as well as short-cut methods for figuring interest, percentages, discounts, fractions and other special problems. Second semester—Fundamentals of bookkeeping. Three clock hours per week each semester. Prerequisite: Related Basic Mathematics OM-132.

241-242 Related Advanced Science—3-2 credits Each semester
First semester—Study of electric motors, resistors, capacitors, chokes, and simple electronic schematics. Second semester—Study of vacuum tubes, transformers, relays and amplifiers. Five clock hours per week first semester and four clock hours per week second semester. Prerequisite: Related Basic Science OM-142.

251-252 Related Advanced Theory—3 credits Each semester
First semester—Study of mechanical theory of each machine being taught. Regulation factory manuals for adding machines are used. Special emphasis is placed on the mechanical principles which cause the adding machine to add, subtract, repeat, non-add and non-print, carry-over and credit balance. Second semester—Regulation factory manuals for calculating machines are used. The numerous mechanical methods of machine calculations are studied during this semester with special emphasis being placed on positive and
negative multiplication, positive and negative division, automatic multiplication, accumulation, squaring and short-cut methods. Five clock hours per week each semester. Prerequisite: Related Basic Theory OM-152.

262 Industrial Psychology and Job Ethics—2 credits First semester
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

W WELDING — CURRICULUM

The welding course is designed to train for industry men qualified and capable of accurate, quality production. They will be able to obtain and hold employment and, with the experience gained, should be capable of advancing in this field. The course of study will be altered to correspond with advancements in new welding procedures. Credits in this course of study are not counted toward an academic degree.

Freshman Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>W-101-102 Welding Laboratory</td>
<td>20</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>W-111-112 Communication Skills</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>W-131-132 Related Basic Math</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>W-151-152 Related Basic Theory</td>
<td>4</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Total: 30 16

Sophomore Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>W-201-202 Advanced Welding Lab</td>
<td>22</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>W-231-232 Related Math</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>W-241-242 Welding Science</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>W-262 Industrial Psychology</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Total: 30 16

W WELDING (99) — Courses

101-102 Welding Laboratory—8 credits Each semester
Set up acetylene burning equipment and the proper use of this equipment while burning plate, structural shapes, and pipe by both the manual and automatic burning methods; oxy-acetylene welding of mild steel sheet and pipe of small diameter; brazing, soldering, and cast iron welding. Basic arc welding, using mild steel (E6010) electrodes on flat plate and progressing through multiple pass fillet weld in all positions. Rate of advancement from one position to the next left to the progress and ability of the student. Second semester—Groove welds, using the E6010 (mild steel) electrodes and the mild steel “jet” type electrodes (E7018) low hydrogen electrodes. The time allotted to the processes listed above will vary with the demands of industry. The student’s learning will be further aided by application of these processes on small construction or repair projects. Twenty clock hours per week each semester.

111-112 Communication Skills—3 credits Each semester
This course is designed to develop the student’s communication skill in observing, listening and reading with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester—to develop communication skill in speaking
and writing with emphasis on conversational speaking, clarity and brevity in letter, report, and technical writing. Three clock hours per week each semester.

†131-132 Related Basic Mathematics—3 credits
First semester—Basic review of addition, subtraction, multiplication and division of fractions, decimals and mixed numbers with application to basic blueprint reading and layout problems; relationship between blueprint reading and weld symbols. Second semester—Study of the scales, ratios, percentages, slopes, and the framing square in blueprint problems of lay-out and jiggling with application of shop math to prints and lay-out problems. Three clock hours per week each semester.

151-152 Related Basic Theory—2 credits
First semester theory begins with the study of shop safety rules, safe shop practices, and learning the set-up, care and maintenance of oxy-acetylene equipment, also oxy-acetylene burning, welding and brazing methods and processes. Then the study of arc welding equipment and methods is taken up, followed by welding techniques with the mild steel (E6010) electrodes in all positions. Special attention is given to warpage weld sequences, and their effects on mild steel. Second semester—The extensive study of techniques and uses of E6010, E6024, and E7018 electrodes is the prime subject matter. Material identification, rod selection, heat effects, warpage, sequences, etc., will also be studied. Four clock hours per week each semester.

201-202 Advanced Welding Laboratory—9 credits
First semester—Pipe welding in the horizontal and vertical fixed positions. Electric arc and Heliarc. Second semester—Heliarc and semi-automatic inert gas welding of similar and dissimilar metals and exotic metals. Stress relieving and heat treatment of metals. Twenty-two clock hours per week first semester and twenty-three clock hours per week second semester. Prerequisite: Welding Laboratory W-102.

231-232 Related Advanced Mathematics—3 credits
First semester—Blueprint reading, layout and design elevations, fitting layout and details. Second semester—Basic Trigonometry, Geometry blueprint reading, layout and design. Three clock hours per week each semester. Prerequisite: Related Basic Mathematics W-132.

241-242 Welding Science—2-4 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, classification 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 carbon precipitation and its effect on the chrome steels. Weldability of these metals. Three clock hours per week first semester and four clock hours per week second semester.

262 Industrial Psychology and Job Ethics—2 credits
First semester—Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

TECHNICAL TWO-YEAR PROGRAMS

AT AUTO MECHANICS TECHNOLOGY — CURRICULUM

This course provides students with the background and principles necessary for a vocation in the automotive field or in any one of the allied fields associated directly or indirectly with the automotive trade.

A year of auto mechanics is usually required of students who wish to specialize in diesel. Credits in this course of study are not counted toward an academic degree.

†A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-101-102</td>
<td>18</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Automotive</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Laboratory and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecture</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-111-112</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Communication</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skills</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-131-132</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Related</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basic Mathematics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AT-151-152</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Related Basic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Theory</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-201-202</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Advanced</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Automotive Laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-241-242</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Automotive Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-251-252</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Related Advanced</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Theory</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AT-262 Industrial</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psychology and</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Job Ethics</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

**AT AUTO MECHANIC TECHNOLOGY (84) — Courses**

101 **Automotive Laboratory**—6 credits  
First semester  
Training in the basic skills of hand tools, measuring tools and other equipment relative to disassembling, cleaning, measuring and assembling of: engine and related parts, basic carburetion and electrical system, Shop safety, cleanliness, and shop procedures are also included. Three hours lecture and 15 hours laboratory per week.

102 **Automotive Laboratory**—7 credits  
Second semester  
Training in the basic skills of hand tools, measuring tools, power machine operation and test equipment relative to the repair and adjustment of complete engine rebuilding; carburetor and electrical units. Trouble shooting and tuneup. Work done on units out of the vehicle. Shop safety, cleanliness and shop procedures are included. Five hours lecture and 15 hours laboratory per week. Prerequisite: Automotive Laboratory and Lecture AT-101.

111-112 **Communication Skills**—3 credits  
Each semester  
This course is designed to develop the student's communication skill in observing, listening and reading with emphasis on study methods, memory and concentration work, vocabulary improvement, and a review of basic English and spelling. Second semester—to develop communication skill in speaking and writing with emphasis on conversational speaking, clarity and brevity in letter, report and technical writing. Three clock hours per week per semester.

131 **Related Basic Mathematics**—3 credits  
First semester  
Review of Basic Arithmetic covering addition, subtraction, multiplication and division of whole numbers and fractions pertaining to automotive trade. Three clock hours per week.

132 **Related Basic Mathematics**—3 credits  
Second semester  
Review of fractions, decimals, percentages, discounts and taxes as applicable in developing the student's skills in work order forms, trade business mathematics, trade bookkeeping, buying and selling cost, ordering, taxes, etc. Three clock hours per week. Prerequisite: Related Basic Mathematics AT-131.
151 Related Basic Theory—4 credits  
Basic fundamentals and physics of operation and materials in disassembling, cleaning, and measuring. Identification of model and parts of the following units: Engine, fuel system, electrical system. Purchasing of personal tools and equipment; not furnished by college. Safety, housekeeping and shop procedures. Six clock hours per week.

152 Related Basic Theory—3 credits  
Basic fundamentals and physics of operation and materials in repairing and testing the following units: Engine, carburetor and electrical units. Basic operation of test equipment. Shop safety and cleanliness. Four clock hours per week. Prerequisite: Related Basic Theory AT-151.

201 Advanced Automotive Laboratory and Lecture—8 credits  
First semester  
Advanced training in testing and repair of ignition systems, engine tuneup using electrical tune-up equipment, testing and repair of fuel systems, testing and repair of automotive electrical systems, shop procedure, including safety, cleanliness, personal as well as shop. Twenty clock hours per week. Prerequisite: Advanced Automotive Laboratory and Lecture AT-102.

202 Advanced Automotive Laboratory and Lecture—8 credits  
Second semester  
Instruction and practical experience in meeting the public, making out work orders; overhauling brake systems, front wheel suspension, power train assemblies, standard transmissions and overdrive, differential assemblies, clutches; trouble shooting problems of the above items. Twenty clock hours per week. Prerequisite: Advanced Automotive Laboratory and Lecture AT-201.

241 Automotive Science—2 credits  
First semester  
Advanced training in engine trouble shooting, ignition system construction and operation, fuel system construction and operation, and automotive electrical systems. Two clock hours per week.

242 Automotive Science—2 credits  
Second semester  
Advanced training in brake systems, trouble shooting and construction, front suspension construction and operation, power train service, clutches, standard transmissions and overdrive, drive line service, and differential service. Two clock hours per week. Prerequisite: Automotive Science AT-241.

251 Related Advanced Theory—4 credits  
First semester  
Advanced training in ignition system components and their functions, fuel system components and their functions, electrical system components and operations. Six clock hours per week. Prerequisite: Related Basic Theory AT-152.

252 Related Advanced Theory—6 credits  
Second semester  
Study in the theory of brake system construction and operation, front wheel suspension, construction, and operation, wheel alignment, power train components, operation and construction of clutches, standard transmissions, overdrives, drive lines, differential assemblies and meeting the public as a service manager. Eight clock hours per week. Prerequisite: Related Advanced Theory AT-251.

262 Industrial Psychology and Job Ethics—2 credits  
First semester  
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

D.D. DRAFTING & DESIGN TECHNICIANS — CURRICULUM

This curriculum is organized to provide engineering departments, government agencies, consulting engineers and architectural firms with a technician well trained in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in firms or agencies that employ draftsmen. Credits in this course of study are not counted toward an academic degree. Drafting & Design curriculum is open to both male and female students.
Freshman Year:

Subject
Course No. and Title

First Semester
Clock Hrs. Credit Hrs.

Second Semester
Clock Hrs. Credit Hrs.

DD-101-102 Drafting Laboratory and Lecture 20 8
DD-111-112 Communication Skills 3 3
DD-131-132 Drafting & Design Technical Mathematics 4 3
DD-141-142 Manufacturing Processes Drafting 3 2
Applied Physics — —
DD-152 Descriptive Geometry — —

30 16 30 16

Sophomore Year:

Subject
Course No. and Title

First Semester
Clock Hrs. Credit Hrs.

Second Semester
Clock Hrs. Credit Hrs.

DD-201-202 Advanced Drafting & Design Laboratory and Lecture 18 6
DD-231-232 Advanced Drafting & Design Technical Mathematics 5 4
DD-241-242 *Advanced Drafting & Design Science 5 4
DD-262 Industrial Psychology and Job Ethics 2 2

30 16 30 16

DD DRAFTING AND DESIGN TECHNOLOGY (90) — Courses

1101-102 Drafting Laboratory and Lecture — 8-6 credits

First semester—A period of orientation. Instruction in drafting room procedures, care and use of tools and special instruments. Supervision in the special techniques of producing finished detail and assembly drawings from notes and sketches. Emphasis on good lettering, line technique, and freehand sketching. Second semester—A continuation of 90-101 with special emphasis placed on machine, architectural, piping, electrical, and structural drafting and design. Twenty clock hours per week first semester. Five hours lecture and 15 hours laboratory; 18 clock hours per week second semester, five hours lecture and 13 hours laboratory.

111-112 Communication Skills — 3 credits

This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week each semester.

131-132 Drafting and Design Technical Mathematics — 3 credits

First semester—Fundamentals of basic mathematics, algebra, geometry and descriptive geometry and their application to problems likely to be encountered by the draftsman. Use of slide rule. Second semester—Basic trigonometric functions and tables of functions and their use. Logarithms, multiplication, division, powers and roots, and the solution of problems involving logarithms. Four clock hours per week each semester.


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

141 Manufacturing Processes—2 credits First semester
An introductory course to provide training and practice in using precision measuring instruments, tools, and accessories used in modern quality production and inspection. Instruction in the selection and use of machine tools, related equipment, and production methods. Three clock hours per week.

142 Drafting & Design Applied Physics—2 credits Second semester
A general survey of physics with emphasis on the practical application needed by draftsmen. Introduction to applied mechanics and its application in the solution of problems involving statics. Prerequisite: Drafting and Design Technical Mathematics DD-131. Three clock hours per week.

152 Descriptive Geometry—2 credits Second semester
Theory and practice of co-ordinate projection applied to the solution of properties of points, lines, planes and solids, with practical engineering applications. Two clock hours per week.

201-202 Advanced Drafting Laboratory and Lecture—6-8 credits Each semester
Advanced techniques in drafting, problems on design level in the various fields served by Drafting and Design Technicians. Eighteen clock hours per week first semester, six hours lecture and 12 hours laboratory; twenty clock hours per week second semester, seven hours lecture and 13 hours laboratory. Prerequisite: Drafting Laboratory and Lecture DD-102.

231-232 Advanced Drafting & Design Mathematics—4 credits Each semester
Advanced Algebra, trigonometry and analytical geometry with emphasis on their application in design situations. Five clock hours per week each semester. Prerequisite: Drafting and Design Technical Mathematics DD-132.

241-242 Advanced Drafting & Design Science—4 credits Each semester
First semester—An introduction to Dynamics which deals with the motion of rigid bodies and with the forces that produce or change their motion. Second semester—Includes strength and properties of material and basic chemistry. Five clock hours per week each semester.

262 Industrial Psychology and Job Ethics—2 credits First semester
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

ET ELECTRONICS — CURRICULUM

The Electronics curricula consists of two main courses of study:
First, the Electronics Technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in research and development.
Second, the Electronics Maintenance program provides training in practical servicing of electrical and electronic devices. Students may enter such areas as Radio-TV, Broadcast, or Industrial Service.
Credits in these courses of study are not counted toward an academic degree. The Electronics curricula is open to both male and female students.

ELECTRONICS TECHNOLOGY

<table>
<thead>
<tr>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>ET-101-102 Electronics</td>
<td>20</td>
<td>7</td>
</tr>
<tr>
<td>Laboratory and Lecture</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>ET-111-112</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Communication Skills</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ET-131-132</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Basic Electronics Math</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>*ET-141-142 Electronics</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

| Total                        | 30            | 16             |

*Course includes Electronics Drafting and Physics.
### Sophomore Year:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No. and Title</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>ET-201-202</td>
<td>Advanced</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>ET-231-232</td>
<td>Advanced</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>ET-241-242</td>
<td>Advanced</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>ET-251-252</td>
<td>Advanced</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>ET-262</td>
<td>Industrial Psychology &amp; Job Ethics</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

#### ET ELECTRONICS TECHNOLOGY (91) — Courses

**101 Electronics Laboratory and Lecture**—7 credits
First semester
Study of basic electricity, color code, test equipment, L.C.R. components, basic vacuum tubes and transistors. Logic circuits as applied to data handling equipment. Twenty clock hours per week. Ten hours lecture and ten hours laboratory.

**102 Electronics Laboratory and Lecture**—7 credits
Second semester
A continuation of ET-101, Thevenin's and Norton's equivalents, basic radio receiver and transmitter analysis, and basic transistors, printed circuit design and processing. Twenty clock hours per week. Prerequisite: Electronics Laboratory and Lecture ET-101. Ten hours of lecture and ten hours laboratory.

**111-112 Communication Skills**—3 credits
Each semester
This course is designed to develop five forms of communication skills: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week each semester.

**131-132 Basic Electronics Mathematics**—4 credits
Each semester
First semester—Review of basic fundamentals of mathematics, slide rule, algebra, geometry, and basic trigonometry. Second semester—A continuation of first semester, logarithms, slide rule, and an introduction to analytical geometry. Five clock hours per week each semester.

**141-142 Electronics Science**—2 credits
Each semester
Designed to instruct the student in practice of drawing schematics, developing good electrical engineering lettering techniques, and understanding symbols, dimensions and designs. Second semester deals with engineering graphs, and printed circuit design. Two clock hours per week each semester.

**201-202 Advanced Electronics Laboratory**—5 credits
Each semester
First semester—Consists of practice on F.M. and T.V. receivers, scopes, pulse network, alignment of T.V. and F.M. circuits, pulse, differentiating and integrating circuits, antenna and transmission lines. Second semester—Industrial electronics, computers, transistors, and a continuation of first semester studies. Fifteen clock hours per week each semester. Prerequisite: Electronics Laboratory and Lecture ET-102.

**231-232 Advanced Electronics Mathematics**—3 credits
Each semester
The student will be concerned with advanced trigonometry, analytical geometry, and introduction to calculus. Five clock hours per week each semester. Prerequisite: Basic Electronics Mathematics ET-132.

**241-242 Advanced Electronics Science**—4 credits
Each semester
Basic physics as it applies to the electronic technician's needs. This course deals with mechanics, heat, sound, and light. Five clock hours each semester. Prerequisite: Electronics Science ET-142.
251-252 Advanced Electronics Theory—2-4 credits Each semester
First semester—Covers the fundamentals of broadband amplifiers, pulse network and techniques, pickup devices, deflection circuits, synchronization circuits A.M. and F.M. and T.V. equipment. Second semester—Covers the theory and design of computers, thyratrons, transistors, servo and syncro principles. Three clock hours per week first semester and five clock hours per week second semester.

252 Industrial Psychology and Job Ethics—2 credits First semester
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

DISTRIBUTIVE EDUCATION TWO-YEAR PROGRAMS

MM FASHION MERCHANDISING—MID-MANAGEMENT CURRICULUM

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>First Semester</th>
<th>Second Semester</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>Retail Selling</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Clothing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Business Mathematics/Machines</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Clothing Selection</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Textiles</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Elements of Management</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Advertising</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Costume Design</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Public Speaking</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Retail Buying</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Report Writing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Retailing</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Business Psychology</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Supervision of Personnel</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

MM MARKETING—MID-MANAGEMENT—CURRICULUM

<table>
<thead>
<tr>
<th>Freshman Year:</th>
<th>First Semester</th>
<th>Second Semester</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>4</td>
</tr>
<tr>
<td>Retail Selling</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Advertising</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>Introduction to Public Speaking</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>
Sophomore Year:

<table>
<thead>
<tr>
<th>Course</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Marketing</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Retailing</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Principles of Accounting</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Business Psychology</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>3</td>
<td>-</td>
</tr>
<tr>
<td>Credit and Collections</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Mid-Management Work Experience</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

| Total                                      | 15             | 17              |

**MM MARKETING, MID-MANAGEMENT (11) — Courses**

Course offerings are described on pages 126-127.

**ONE YEAR VOCATIONAL-TECHNICAL PROGRAMS**

**CP COMPUTER PROGRAMMER TRAINEE CURRICULUM**

This curriculum is an 11 month program of study and experience in Computer Programming. The graduate of this program of study will be eligible for employment as a Computer Programmer Trainee in business, industry, or government. In such a job, the graduate works under immediate supervision and in a training situation, develops and writes programs in symbolic language for electronic computer processing. He or she learns to design flow charts and diagrams indicating mathematical computations and the sequence of machine operations.

Entrance Requirements: High school diploma or equivalency certificate, (to include one year of high-school level mathematics), acceptable grades on the A.C.T. Test or G.A.T.B., personal interview and aptitude testing.

**CONTACT HOURS/WEEK AND CREDIT HOURS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Summer Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP-101 Data Processing Fundamentals</td>
<td>6-3</td>
<td>Spring</td>
<td>Summer</td>
</tr>
<tr>
<td>CP-111 Programming Fundamentals and Lab.</td>
<td>8-2</td>
<td>CP-121 Computer Systems and Lab.</td>
<td>8-2</td>
</tr>
<tr>
<td>CP-142 Computer Programming—RPG</td>
<td></td>
<td>CP-152 Computer Programming—COBOL</td>
<td>8-3</td>
</tr>
<tr>
<td>CP-162 Computer Programming—FORTRAN</td>
<td></td>
<td>CP-173 Computer Programming—ASSEMBLERS</td>
<td>8-3</td>
</tr>
<tr>
<td>CP-111-112* Communications Skills</td>
<td>3-3</td>
<td>3-3</td>
<td></td>
</tr>
<tr>
<td>CP-262 Industrial Psych. and Job Ethics</td>
<td>2-2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| TOTALS                                 | 30-15         | 30-15           | 30-6           |

**CP COMPUTER PROGRAMMING ( )**

101 Data Processing Fundamentals—3 credits

This course introduces the student to data processing. Manual, mechanical, punched card and electronic data processing systems will be studied as well as the business and scientific application of these systems. Flowcharting, documentation and punched card equipment will be covered with practical experience to familiarize the student with the applications of machines. Six clock hours per week.

*May be waived upon proof of proficiency by examination.
105 Programming Fundamentals and Lab—2 credits Fall semester
Concepts, logic and techniques of basic programming. Problem flowcharting and coding of input-output operations, loops, switching routines, branches, indexing and other basic programming techniques. Eight clock hours per week.

111-112 Communications Skills—3 credits Each semester
This course is designed to develop the student's communication skill in observing, listening and reading, with emphasis on conversational speaking, clarity and brevity in letter, report and technical writing. Three clock hours per week.

121 Computer Systems and Lab—2 credits Fall semester
This course describes the functional characteristics and general principles of operation of modern computers. Topics include central processing unit; program execution; programming systems; input/output channels; control units and devices; magnetic tape concepts; direct access storage concepts; multi-programming, multi-processing and tele-processing. Eight clock hours per week.

131-132 Mathematics for Data Processing—3 credits Each semester
The principles presented in this course will be applied in computer programming and will include basic algebra, number systems, logarithms, linear equations, fixed and floating point numbers, Boolean algebra and logic. Three clock hours per week.

142 Computer Programming—RPG—3 credits Spring semester
The student will write specifications for jobs using card, tape or disk input files and stored tables to produce printed reports, punched cards, tape and/or disk output files using the Report Program Generator Programming System. Eight clock hours per week.

152 Computer Programming—COBOL—3 credits Spring semester
The student will compose complete COBOL programs working from system and program flowcharts. He will determine what results will be obtained when data moving, editing, arithmetic and logical operations are executed; write efficient procedural entries; and construct program switches, subroutine linkage, loop control and data tables. Eight clock hours per week.

162 Computer Programming—FORTRAN IV—3 credits Spring semester
The student will learn to express, in FORTRAN, algebraic statements containing arithmetic functions and exponentiation, problem logic and input/output record descriptions. Eight clock hours per week.

173 Computer Programming—ASSEMBLERS—4 credits Summer session
The student will code, utilizing efficient coding techniques, problems in assembler language using standard and decimal instructions, and debug them using the program listing and other aids. Twenty clock hours per week.

183 Computer Programming (OPERATING SYSTEMS)—2 credits Summer Session
The student will learn the general organization of operating systems; data management, system control and system service functions; and be able to encode the instructions necessary to implement these functions and facilities. Ten clock hours per week.

262 Industrial Psychology and Job Ethics—3 credits First semester
Methods of understanding self and others. Solution of interpersonal problems in business and industry. Techniques necessary to obtain employment. Responsibilities of the American worker. Two clock hours per week.

DA DENTAL ASSISTANT—CURRICULUM
The Dental Assisting Program, consisting of Dental Assistant Theory and Dental Laboratory, is a one year terminal course. This course of study consists of those subjects deemed most important for qualified dental assistants. The Dental Advisory Board continues to work with Boise State College in planning and promoting a program that will be acceptable to the American Dental Assistant Association.
Entrance Requirements: High school diploma or Equivalency Certificate, acceptable grades on the A.C.T. test or G.A.T.B., personal interview and aptitude testing. The dental assistant courses are taught by dentists and a dental assistant instructor.

This is an accredited program by the Council of Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of the course.

<table>
<thead>
<tr>
<th>Subject</th>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course No. and Title</td>
<td>Clock Hrs.</td>
<td>Credit Hrs.</td>
</tr>
<tr>
<td>DA-101-102 Dental Laboratory</td>
<td>16</td>
<td>5</td>
</tr>
<tr>
<td>DA-111-112 Communication Skills</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>DA-151-152 Dental Theory</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>DA-262 Job Psychology and Ethics</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MM-213 Credit and Collections—DE</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>SP-111 Fundamentals of Speech</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>PE-121 Personal and Public Health</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

DA DENTAL ASSISTING (87) — Courses

101-102 Dental Laboratory—5 credits Each semester

Practical clinical and laboratory training in the field of dental assisting. This course includes training in actual office experience under the direct guidance of licensed dentists in the Boise-Nampa area. The course is taken in conjunction with DA-151 and DA-152. Included in the training is: chairside assisting; charting dental x-ray and developing; pouring of models and preparing base plates; some wax carving of inlay patterns and gold casting; care and use of equipment; and sterilizing and care of all instruments. 16 clock hours per week each semester.

111-112 Communication Skills—3 credits Each semester

This course is designed to develop five forms of communication skill: observing, listening, reading, writing and speaking. Memory and study improvement, word analysis, spelling and technical vocabulary are stressed during the first semester. Grammatical and logical forms, public and conversational speaking, business, report and technical writing are stressed during the second semester. Three clock hours per week each semester.

151-152 Dental Theory—4-3 credits Each semester

A comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time pertaining to: chairside assisting, receiving patients, and patient education; dental office management, bookkeeping, recall systems, appointment book, dental supplies and records; dental anatomy; sterilization; dental x-ray; oral surgery, periodontia and nutrition; oral hygiene, pedodontia and orthodontia; equipment and instruments. Seven clock hours per week first semester and six clock hours per week second semester.

262 Job Psychology and Ethics—2 credits First semester

An analysis of human types and behavior of concern to the student and problems peculiar to dentistry; securing a position, dealing with child and adult patients, engaging in business and in service capacity, managing an office, and developing the professional image of the dental assistant. Selected problem situations are simulated, enacted, discussed and solved practically through group interaction. Two clock hours per week first semester.
The practical nursing program, in cooperation with St. Luke's Hospital and the State Board for Vocational Education, is approximately one calendar year in length and consists of daily hospital nursing experiences and classroom instruction. A complete certificate is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them as Licensed Practical Nurses.

**Admission:**

Entrance requirements: High School graduation or General Educational Development Test, aptitude testing by Employment Security Agency, complete physical and dental examination, and interview with local Advisory Committee, which controls final selection of the candidates, as well as dismissal from the program.

Classroom work consists of 600 hours of theory in the needs of humans in health and in sickness, with emphasis on the practical nurse's part in meeting these needs.

Clinical experience consists of 1200 hours of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, caring for sick children, and caring for new mothers and infants. Students are taken on field trips to specific health agencies in the community.

*Conforms to the minimum standards as set up by the U.S. Department of Labor, Bureau of Apprenticeship.

**Contact Director of Vocational Education, Boise State College, Boise, Idaho, for application and information.
BOISE COLLEGE

FULL-TIME FACULTY*

(The date in parentheses is the time of first appointment)

ALLEN, ROGER H., Assistant Professor. Business Administration (1966)
A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.

ALLISON, THELMA F., Associate Professor. Home Economics (1946)
B.S. (H.Ed.), Utah State Agricultural College; University of Utah; Brigham Young University; M.S. (H.Ed.Ed.), Utah State Agricultural College; Carbon College; Oregon State University; Arizona State University.

ANDERSON, JANE L., Assistant Professor. Physical Education (1967)
B.S., M.H.P.E.R. North Texas State University; University of Idaho.

ARMSTRONG, PHOEBE L., Assistant Professor. History (1966)
B.S., M.S., Drake University.

BABCOCK, WILLIAM A., Instructor. History (1967)
B.A., M.A., University of Oregon.

BAGGERLY, STEVEN F., Instructor. Machine Shop (1968)
Diploma, Boise Junior College

BAKER, CHARLES, Assistant Professor. Biology (1968)
B.S. College of Idaho; Oregon State University.

BANKS, RICHARD, Assistant Professor. Chemistry (1968)
B.S., College of Idaho; Ph.D., Oregon State University.

BARNES, JOHN B., Professor of Education. President (1967)
B.A., M.A., University of Denver; Ed.D., University of Wyoming.

BARRETT, GWYNN, Associate Professor. History (1968)
B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.

BARSNESS, JOHN, Professor. English (1968)
A.B., William Jewell College; M.A., Montana State University; Ph.D., University of Minnesota.

BARSNESS, WYLLA, Associate Professor. Psychology (1968)
A.B., William Jewell College; M.S., Montana State University; Ph.D., University of Minnesota.

BECKWITH, JOHN A., Assistant Professor. English (1965)
B.A., Gooding College; M.A., University of Idaho; University of California at Los Angeles, American Institute of Gemology at Los Angeles.

BELKNAP, H. WILLIAM, Assistant Professor. Life Sciences (1959)
B.S., College of Idaho; M.S., Louisiana State University; Arizona State University; University of Oregon.

BEST, JOHN H., Associate Professor. Orchestra, Cello, Theory (1947)
B.S., University of Idaho; M.A., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wezels; Composition and Theory, pupil of J. DeForest Cline and Henry Trustman Ginsburg.

BLICHENSTAFF, V. DALE, Associate Professor. Accounting (1967)
B.S., McPherson College; M.S., Fort Hays State College; Ed.D., Colorado State College; Oklahoma State University.

BOYER, DALE, Instructor. English (1968)
B.A., M.A., University of Oregon; Ph.D., University of Missouri.

*Correct to June, 1968.
Boise State College

BRATT, C. GRIFFITH, Professor ......... Theory, Choir, Organ (1946)
Mus.M., Artist's diploma in Organ, Peabody Conservatory of Music, Baltimore, Md., A.A.G.O., University of Baltimore; Johns Hopkins University; University of Utah, Composer in Residence.

BRONSON, WILLIAM S., Professor .......... Psychology (1954)
B.A., M.A., University of Idaho; Washington State University; Ed.D., University of Colorado.

BUCHANAN, JAMES R., Assistant Professor ...... Welding (1959)

BULLINGTON, RICHARD E., Professor of Education Executive Vice President (1968)
B.S., Rutgers; M.A., Ed.D., University of Alabama.

BURNS, AILEEN I., Instructor ............. English (1967)
University of Auckland, New Zealand; B.A., M.A., Brigham Young University.

CANAVAN, THOMAS J., Instructor .......... Vocational Related Subjects (1964)
A.B., University of Illinois, Colorado State University.

CARSON, WILLIAM J., Associate Professor .... Accounting (1963)
B.S., University of Notre Dame; M.B.A., University of Denver; University of Wyoming.

CAYLOR, JOHN A., Professor .............. History (1965)
A.B., Nebraska Teachers' College; M.A., Ph.D., University of Nebraska.

CHAPPEE, WILLA M., Instructor ............ Practical Nurses Training (1967)
R.N., St. Lukes Hospital; University of Colorado.

CHANDLER, LUANNE, Instructor .......... Office Administration (1964)
B.A., San Jose State College; M.Ed., Montana State University; University of Nevada; University of Idaho.

CHATBURN, ACEL H. Professor of Education Director of Educational Services (1944)
B.A., College of Idaho; University of Idaho; M.A., University of Colorado; Ed. D., Washington State University; University of California at Berkeley.

CHATERTON, WAYNE, Professor ........... English (1968)
University of Utah; University of Colorado. Diploma, Albion Normal; B.S., M.A., Brigham Young University; Ph.D.,

COFIELD, DEWEY H., Assistant Professor .... Electronics (1961)
University of Idaho; Idaho State College.

COLLINS, MARCUS W., Professor .......... Sociology (1967)
A.B., University of Alabama; M.A., The George Washington University; A.M., Ph.D., Harvard University, The Johns Hopkins University, Heidelberg University.

CONNER, DORAN L., Assistant Professor ..... Physical Education (1966)
B.A., Idaho State College; M.S., Utah State University.

COOPER, GENE, Professor .......... Physical Education (1967)
B.S., M.S., Ed.D., University of Utah.

CORBIN, A. ROBERT, Instructor .......... Sociology (1967)
B.A., Blackburn College; M.A., University of Washington; Th.M., Iliff School of Theology.

COX, T. VIRGINIA, Instructor .......... Anthropology and Geography (1967)
B.A., San Diego State College; M.A., University of California at Davis.

CROMWELL, LARRY D., Assistant Professor .... Art (1966)
B.S., Fort Hays Kansas State College; M.A., Colorado State College.
CROOKS, ALAN F., Assistant Professor .......... English (1965)
B.A., College of Idaho; M.A., Utah State University.

CROWSON, MARY, Instructor ..................... Nursing (1966)
B.S.N., University of Utah.

CURTIS, BILL DARRELL, Instructor .............. Auto Body (1966)
Diploma, Boise Junior College.

DAHM, NORMAN F., Professor ..................... Engineering (1953)
B.S., M.Ed., University of Colorado; Agricultural and Mechanical College of Texas; University of Washington; Bucknell, University.

DALTON, JACK L., Associate Professor ........ Chemistry (1958)
B.S., Nebraska State Teachers College; M.S., Kansas State University of Agriculture and Applied Science; Kansas State College.

DAVIS, ALVA J., Assistant to Dean of Student Personnel Services B.A., Drake University; B.Th., Northwestern Christian College

DE LAURIER, ANNE N., Counselor (1967)
B.A., College of Idaho; M.S., University of Oregon.

DE NEUFVILLE, ROBERT, Associate Professor .... German, French (1940)
B.A., M.A., New College, Oxford; Dr. Jr., Marburg University; Geneva University; Berlin University; Columbia University; Middlebury College.

DORMAN, PATRICIA M., Instructor ............... Sociology (1967)
B.S., M.S., University of Utah.

DUGGER, JEROLD O., Professor .................. Education (1964)
A.A., Scottsburg Junior College; B.A., Hastings College; M.A., Ed.D., Colorado State College; University of Colorado.

EDLEFSEN, CLISBY T., Professor ................. Office Administration (1939)
B.A., College of Idaho; M.S.(Ed.), University of Idaho; Armstrong Business College; Berkeley, California; Ed.D., Stanford University.

EMERSON, J. CALVIN, Associate Professor ...... Chemistry (1933-40; 1960)
A.B., Northwest Nazarene College; B.S., College of Idaho; M.S., University of Idaho; University of Washington; Oregon State University.

EVERTS, EVELYN, Assistant Professor .......... Reference Librarian (1957)
B.S, B.A. in Librarianship, University of Washington; Washington State University.

FAIRCHILD, MARJORIE E., Assistant Professor ... Library Science (1966)
A.B., University of California; M.A. in Librarianship, University of Southern California; M.A., Library Science, University of California at Berkeley.

FARWIG, JEANNE M., Instructor .................. Physical Education (1966)
B.S., University of Colorado; M.A., Colorado State College.

FLANARY, CAROL, Instructor ..................... Nursing (1968)
B.S., Brigham Young University.

*FLEMING, NANCY L., Instructor ................ Nursing (1963)
B.S., University of Nebraska College of Medicine.

FLESHMAN, MILTON B., Assistant Professor .... Auto Mechanics (1959)
Idaho State College; Carter Carburetion Course; Delco-Remy Auto Electric Class; Allen Tune-up Equipment; Boise Junior College; Briggs & Stratton Factory Service School, Portland, Oregon; United Motors Services Courses.

FOUNTAIN, CAROL E., Instructor ............... Nursing Education (1967)
A.S., Boise Junior College; B.S. in Nursing, University of Washington.

FREDERICK, DARCY F., Instructor .......................... Mathematics (1966)
B.S., Portland State College; M.S., Oregon State University.

FRITZMAN, HARRY K., II, Professor .......................... Life Sciences (1954)
A.A., Boise Junior College; B.A., M.A., Ph.D., University of California at Berkeley; University of Oregon.

FUEHRER, ALBERT M., Instructor .......................... Auto Mechanics (1965)
Northwest Nazarene College; Idaho State University; Specialized Automotive Training.

FULLER, EUGENE G., Assistant Professor .......................... Zoology (1967)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.

FUNG, WILLIAM Y., Assistant Professor .......................... Philosophy (1961)
A.B., Lingnan University; M.A., University of Southern California; Union Theological Seminary, New York City; Ph.D., New York University.

GINES, RALPH J., Assistant Professor .......................... Accounting (1967)
B.S., Brigham Young University; LL.B., George Washington University.

GLENDINNING, MOLLIE, Instructor .......................... Practical Nurse Training (1964)
R.N., Wyckoff Heights Hospital School of Nursing; U.S. Navy Nurse Corps; Idaho State University.

GOTTENBERG, W. L. ........................................... Vice President (1947) Acting President (12/66-6/67)
B.A., University of North Dakota; M.A., University of Montana; University of Oregon; University of Washington; La Escuela Interamericana, Saltillo, Mexico; U.S. Department of State Education Specialist to the Caribbean and Latin America.

GOULD, C. WALLACE, Associate Professor .......................... Music, History (1966)
B. Mus., M. Mus., Oberlin College; Ph.D., Northwestern University.

HAGG, JOHN F., Associate Professor .......................... Machine Shop (1954)
Warren Trade School, Los Angeles; Idaho State College.

HAHN, CLAYTON W., Assistant Professor .......................... Engineering (1948-52, 1963)
B.S. (M.E.), University of Colorado; University of Montana; Montana State College; University of California at Los Angeles; University of Southern California.

HARRIS, ARDEN E., Instructor .......................... Office Machine Repair (1965)
Special Training in Office Machine Repair.

HEACOCK, DELBERT D., Assistant Professor .......................... Psychology (1966)
B.A., College of Idaho; M.S., University of Utah.

*NEWTON, RALPH A., Associate Professor .......................... Physical Sciences (1965)
B.S., M.S., University of Florida; Ph.D., Washington State University.

HILL, KENNETH L., Associate Professor .......................... Director, Instructional Materials Center (1962)
B.S., Montana State College; M.S. (Ed.), University of Washington; University of Idaho; Eastern Washington State College.

HOLLENBAUGH, KENNETH, Assistant Professor .......................... Chemistry (1968)
B.S., Bowling Green State Univ.; M.S., Ph.D., Univ. of Idaho.

HUFFENBECK, THEODORE, Instructor .......................... Criminology (1967)
B.S., M.Ed., University of Arizona.

HOYER, DORIS, Associate Professor .......................... Education (1965)
B.S., M.S. (Ed.), M.A., University of Idaho.

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huff, Howard L.</td>
<td>Instructor</td>
<td>Art (1965)</td>
<td>Diploma, Boise Junior College; B.A., College of Idaho; M.F.A., University of Idaho.</td>
</tr>
<tr>
<td>Hunt, Elmer E., Jr.</td>
<td>Assistant Professor</td>
<td>Mathematics (1959)</td>
<td>B.A., M.Ed., Washington State University; Oregon State University; University of Georgia; Oklahoma State University.</td>
</tr>
<tr>
<td>Huskey, Darryl</td>
<td>Serials and Documents Librarian (1968)</td>
<td></td>
<td>B.S., Brigham Young University</td>
</tr>
<tr>
<td>Johns, John</td>
<td>Associate Professor</td>
<td>Business Administration (1968)</td>
<td>B.S., M.A., Ball State University; Ed.D., University of Denver.</td>
</tr>
<tr>
<td>Johnson, Helen R.</td>
<td>Associate Professor</td>
<td>Office Administration (1955)</td>
<td>B.A., Northwest Nazarene College; University of Idaho; Oregon State University; University of Washington; M.A., College of Idaho; University of California at Berkeley; Arizona State University.</td>
</tr>
<tr>
<td>Keller, Francis E.,</td>
<td>Assistant Professor</td>
<td>Mathematics (1967)</td>
<td>B.S., Seattle University; M.S., University of Idaho; Ph.D., Montana State University.</td>
</tr>
<tr>
<td>Keller, Frederick J.</td>
<td></td>
<td>Business Administration (1966)</td>
<td>B.A., Michigan State University.</td>
</tr>
<tr>
<td>Keller, Mary Louise</td>
<td>Instructor</td>
<td>Nursing Education (1959)</td>
<td>Diploma, Samaritan Hospital School of Nursing, Nampa Idaho; B.S., Northwest Nazarene College; University of Washington; University of California at Los Angeles.</td>
</tr>
<tr>
<td>Kelly, Doris</td>
<td>Assistant Professor</td>
<td>Nursing Education (1958)</td>
<td>Diploma, Cook County School of Nursing; B.A., University of Denver; M.N., University of Washington.</td>
</tr>
<tr>
<td>Kern, Dwane R.</td>
<td>Business Manager (1960)</td>
<td>B.A., College of Idaho; University of Omaha.</td>
<td></td>
</tr>
<tr>
<td>Klatte, William</td>
<td>Professor</td>
<td>Foreign Language (1968)</td>
<td>B.A., M.A., Ph.D., College University of Chicago; University of Vienna.</td>
</tr>
<tr>
<td>Knapp, Anthony J.</td>
<td>Head Football Coach (1968)</td>
<td></td>
<td>B.S., M.S., University of Idaho; San Francisco State College.</td>
</tr>
<tr>
<td>Knowlton, Leo L.</td>
<td>Associate Professor</td>
<td>Marketing (1965)</td>
<td>B.S., M.S., University of Idaho; University of Oregon.</td>
</tr>
<tr>
<td>Kober, Alfred</td>
<td>Instructor</td>
<td>Art (1968)</td>
<td>A.A., Dodge City Junior College; B.S., M.S., Fort Hayes State College.</td>
</tr>
<tr>
<td>Kremetz, Ronald</td>
<td>Instructor</td>
<td>Speech, Drama (1968)</td>
<td>B.S., College of San Mateo, San Jose State College.</td>
</tr>
<tr>
<td>Krigbaum, Noel</td>
<td>Assistant Professor</td>
<td>Carpentry and Cabinetmaking (1955)</td>
<td>Electricians School, Navy; Idaho State College.</td>
</tr>
<tr>
<td>Lamborn, Ellis</td>
<td>Associate Professor</td>
<td>Economics (1968)</td>
<td>B.S., University of Utah; M.S., University of Illinois; Ph.D., Cornell University; University of California.</td>
</tr>
<tr>
<td>Lee, Dorothy</td>
<td>Associate Professor</td>
<td>Office Administration (1953)</td>
<td>B.Sc. in Ed., University of Nebraska; M.A., College of Idaho; State University of New York, College at Plattsburg; University of Idaho.</td>
</tr>
<tr>
<td>Lewis, Ray</td>
<td>Assistant Professor</td>
<td>Physical Education (1956)</td>
<td>B.S. (Ed.), M.Ed., University of Idaho.</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Years</td>
<td>Education</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------------------</td>
<td>-------------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>LIEBENDORFER, DON E., JR.</td>
<td>Athletic Publicity Director and Business Manager</td>
<td>(1968)</td>
<td>B.S., Stanford University.</td>
</tr>
<tr>
<td>LOVIN, HUGH T.</td>
<td>History</td>
<td>(1965)</td>
<td>B.A., Idaho State College; M.A., Washington State University; Ph.D., University of Washington.</td>
</tr>
<tr>
<td>LUKE, ROBERT</td>
<td>Assistant Professor</td>
<td></td>
<td>Diploma, Ricks Junior College; B.S., M.S., Ph.D., Utah State University.</td>
</tr>
<tr>
<td>MacInnis, Jean</td>
<td>Instructor</td>
<td>Dental Assisting (1962)</td>
<td>C.D.A., University of North Carolina; Boise Junior College; Idaho State University.</td>
</tr>
<tr>
<td>Maloney, Stephen E.</td>
<td>Instructor</td>
<td>Business Administration (1966)</td>
<td>B.S., College of Idaho; Texas A. &amp; M.; Boise Junior College; Idaho State University.</td>
</tr>
<tr>
<td>Maloof, Giles</td>
<td>Associate Professor</td>
<td>Mathematics (1968)</td>
<td>B.A., San Bernardino Valley Junior College, University of California; M.A., University of Oregon; Ph.D., Oregon State University.</td>
</tr>
<tr>
<td>Maxson, Emerson</td>
<td>Instructor</td>
<td>Business Administration (1968)</td>
<td>A.S., Boise Junior College; B.S., University of Colorado; M.A., University of Colorado.</td>
</tr>
<tr>
<td>McBirthney, Ruth</td>
<td>Associate Professor</td>
<td>Head Librarian (1940-42, 1953)</td>
<td>Boise Junior College; A.B., Whitman College; B.A. in Librarianship, University of Washington; Columbia University; University of London; University of California at Berkeley; Rutgers University.</td>
</tr>
<tr>
<td>McCauslin, J. Alfred</td>
<td>Professor of Guidance and Counseling</td>
<td>Dean of Student Personnel Services (1965)</td>
<td>B.A., Rollins College; M.A., M.S., Pennsylvania State University; Ed.D., University of Maryland.</td>
</tr>
<tr>
<td>McCauslin, Phyllis A.</td>
<td>Assistant Professor</td>
<td>English (1965)</td>
<td>B.S., Mansfield State College; Pennsylvania State University; M.Ed., Bloomsburg State College.</td>
</tr>
<tr>
<td>McDonald, Angus</td>
<td>Associate Professor</td>
<td>Teacher Education (1968)</td>
<td>B.A., College of Idaho; M.A., Colorado State University; Ed.D., University of Maryland; Stanford University; Claremont Graduate School.</td>
</tr>
<tr>
<td>McDowell, Robert L.</td>
<td>Instructor</td>
<td>Technical Services Librarian (1968)</td>
<td>B.G.E., Omaha University; M.A., University of the Americas, Mexico D.F.; M.A., San Jose State College.</td>
</tr>
<tr>
<td>Meyer, Carroll J.</td>
<td>Associate Professor</td>
<td>Piano (1948)</td>
<td>B.M., University of Michigan; Pupil of Ethel Leginska and Cecile de Horvath; M.M., University of Iowa.</td>
</tr>
<tr>
<td>Miles, Florence M.</td>
<td>Associate Professor</td>
<td>Nursing Education (1965)</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.</td>
</tr>
</tbody>
</table>
Faculty

MILLER, ROBERT T., Associate Professor  
*Business Administration (1963)  
B.S., University of Oregon; LL.B., Columbia University; University of Idaho.

MOORE, POLLY K., Associate Professor  
*Home Economics (1962)  
B.S., M.S., Ph.D., Pennsylvania State College.

MOORE, BURL E., Instructor  
*Biology (1968)  
B.S., West Texas State University.

MORRELL, LAURENCE, Instructor  
*Mathematics (1968)  
B.S., Utah State University; M.S., University of Illinois; Oberlin College.

NEWBY, GARY R., Assistant Professor  
*Physics (1966)  
B.S., Ph.D., Arizona State University.

NEWMAN, J. STEPHEN, Instructor  
*English (1968)  
B.A., M.A., Western State College of Colorado.

NICKEL, DAVID E.  
*Assistant Football Coach (1968)  
A.A., College of San Mateo; B.S., Utah State University.

OAKES, DONALD, Instructor  
*Music (1964)  
B.M., M.M., Northwestern University.

OBEII, DONALDJ., Professor of Botany  
*Chairman Division of Science and Health (1946)  
B.A., M.A., Ph.D., University of Kansas; Oregon State University; University of Oregon School of Marine Biology; Arizona State University; University of North Carolina.

OGDEN, JOHN T., Instructor  
*Welding (1965)  
Diploma, Boise Junior College; Navy Training Schools; Special Training and Experience in Welding.

ORAVEZ, DAVID L., Assistant Professor  
*Art (1964)  
B.S., M.A., M.F.A., University of Wisconsin; Summer School of Painting at Satutuck, Michigan.

OTT, MELVIN L., Instructor  
*Mathematics (1967)  
B.S., Eastern Oregon College; M.S., Utah State University.

*OURADA, PATRICIA K., Associate Professor  
*History (1962)  
B.A., College of Saint Catherine; M.A., University of Colorado; University of Laval; University of Michigan.

OYLER, NELDON D., Instructor  
*Horticulture (1966)  
A.S., Snow College; B.S., Brigham Young University.

PAPENFUSS, HERBERT D., Assistant Professor  
*Life Science (1967)  
B.S., University of Utah; M.S., Brigham Young University; Ph.D., Colorado State University.

*PECK, LOUIS A., Associate Professor  
*Art (1955)  
B.A., College of Idaho; University of California, Santa Barbara; M.S., Utah State University; Rex Brandt School of Art.

PETERSON, AVERY F., Assistant Professor  
*Political Science (1965)  
B.S., Georgetown University; Graduate, National War College; University of Idaho; American Foreign Service Career and Deputy Asst. Secretary of State; University of British Columbia.

PETERSON, ELLIS RAY, Associate Professor  
*Chemistry, Physics (1964)  
B.S., M.S., Utah State University; Ph.D., Washington State University.

PHILLIPS, GORDON G.  
*Purchasing Agent (1964)  
A.A., Boise Junior College; B.S., University of Colorado.

PHILLIPS, JOHN L., JR, Professor  
*Psychology (1954)  
B.A., M.A., Reed College; Ph.D., University of Utah; University of Idaho; Beloit College; University of Washington; University of California.

*Sabbatical Leave 1968-69.
PITMAN, C. HARVEY, Assistant Professor. English, Debate (1966)
B.A., College of Idaho; M.Ed., Washington State University.

REED, F. RICHARD. Director, Financial Aids (1968)
Southern Branch University of Idaho; Idaho State College.

REED, GERALD R. Director of Special Projects (1967)

RETZLAFF, ERNEST. Associate Professor. Health Services (1967)
A.A., Boise Junior College; B.S., M.S., Oregon State University; Ph.D., University of Michigan.

RIGGERT, SAMUEL B. Director of Admissions (1965)
B.S., University of Oregon; M.Ed., University of Portland.

ROE, HAZEL MARY, Associate Professor. Office Administration (1942-44; 1947)
B.A., M.A., University of Idaho; Northwestern University; University of Washington; Oregon State College; independent study in Peru and Chile.

ROSE, ROBERT E., Professor of Marketing. Dean, School of Business and Public Administration (1953)
B.A., M.A., Colorado State College; Ph.D., State University of Iowa.

ROSTON, CHARLES R., Director, Division of Vocational-Technical Education, Area Vocational Technical School
A.A., Pasadena City College; B.S., Iowa State University; M.S.C.E., University of Houston; Worcester Poly Institute, University of California, Berkeley.

RUNFT, ENID, Instructor. English (1966)
B.A., Sioux Falls College; M.A., University of Chicago.

RUNNER, HERBERT W., Assistant to the Director of Educational Services (1967)
B.A., University of Redlands; M.S., University of North Dakota.

SATTERFIELD, MURRAY, Instructor. Coach, Physical Education (1965)
B.S., University of Utah.

*SCHOFFER, MARTIN W., Assistant Professor. Sociology (1964)
A.A., Diablo Valley College; B.S., M.S., University of Oregon; University of California; University of Oregon; Emory University.

SCHROEDER, ALBERT L., Instructor. Vocational Counselor (1967)
B.A., Idaho State College; Idaho State University.

SCHWARTZ, J. ROY, Professor. English (1940)
B.S., M.A., University of Oregon; University of Utah; independent study in England.

SCUDDER, DUSTON, R., Assistant Professor. Marketing (1964)
B.S., B.A., M.A., University of Denver; University of Colorado; Colorado State University.

SELANDER, GLENN E., Assistant Professor. English (1966)
B.A., Southwestern University; M.A., Utah State University.

SEVERANCE, JOHN E., Instructor. Computer Programming (1968)
B.S., University of Idaho; M.S., University of Arizona.

SEWARD, JOHN H., Assistant Professor. History (1967)
B.A., Morningside College; M.A., Moorhead State College.

SHANKWEILER, WILLIAM E., Professor of Speech. Chairman, Division of Arts and Letters (1956)

SHELTON, MEL, Assistant Professor. Music (1968)
B.M.E., Wichita State University; Boise College; M.M.E., University of Idaho.

Sickles, William R., Associate Professor  
B.A., Wittenberg University; M.A., Columbia University; Ph.D.,  
University of California, Berkeley. (1968)

Sieber, Donald J., Instructor  
U.S. Army Signal Corps; Burroughs Corporation; Montronics;  
Philco Corporation. (1963)

Skov, Arny R., Instructor  
B.A., M.F.A., University of Idaho. (1967)

Skrien, David A., Assistant Football Coach Instructor  
Physical Education. (1968)

Smith, Charles F., Instructor  
B.A., College of Idaho; M.F.A., Washington State University. (1967)

Smith, Donald D., Professor  
A.B., Peru State College; M.Ed., Whittier College; M.Ed., Ed.D.,  
University of Southern California. (1967)

Smith, Lyle, Professor  
B.S.(Ed.), M.S.(Ed.), University of Idaho. (1946)

Snavely, Robert Carl, Assistant Professor  
B.A., M.A., University of Omaha. (1966)

Snell, Harold, Assistant Professor  
Allen Auto Electric, Boise; Carter Carburetor, Pendleton, Oregon;  
Chrysler Motor Corporation, Detroit, Michigan; General Motors'  
Hydramatic Transmission and Hudson Motor Car Company, Detroit,  
Michigan; Idaho State College; Oregon State University; General  
Motors Training Center; Chrysler Training Center, Los Angeles. (1958)

Spulnik, Joseph B., Professor of Chemistry  
B.S., M.S., Ph.D., Oregon State University; Reed College; Port-
land State College. (1941)

Standing, Georgia V., Assistant Professor  
B.F.A., M.F.A., University of Utah; Curtis Institute of Music,  
Philadelphia; Private Study in Europe; Soloist with various na-
tional operas and symphonies. (1963)

Stark, Frank W., Associate Professor  
B.S., M.S., Trinity College, University of Denver. (1967)

Sylvester, Robert B., Assistant Professor  
A.A., Boise Junior College; B.A., M.A., University of California  
at Santa Barbara. (1963)

Takehara, John S., Assistant Professor  
B.A., Walla Walla College; M.A., Los Angeles State College. (1968)

Tennyson, Albert H., Instructor  
B.A., College of Idaho; M.A., University of Idaho. (1966)

Thomason, Nan M., Instructor  
R.N., St. Luke's Hospital; B.S., Montana State University. (1967)

Thompson, Tracy E., Instructor  
B.A., New School for Social Research; M.A., San Francisco  
State College. (1966)

Tipling, Ralph M., Assistant Professor  
B.S., Washington State College; M.P.A., University of Arizona. (1966)

Tipton, Carl W., Assistant Professor  
Iowa Wesleyan College; University of Washington; George  
Washington University; M.B.A., University of Chicago; Uni-
versity of Idaho. (1965)
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Years</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tompkins, James W.</td>
<td>Assistant Professor</td>
<td>Vocational Related Subjects</td>
<td>(1963)</td>
<td>A.B., Wheaton College; Th.B., Westminster Theological Seminary; University of Pennsylvania; Howard University.</td>
</tr>
<tr>
<td>Torbet, David P.</td>
<td>Professor</td>
<td>Psychology</td>
<td>(1966)</td>
<td>B.S., Pacific University; M.A., University of Oregon; Ph.D., University of Colorado.</td>
</tr>
<tr>
<td>Townsend, Dean C.</td>
<td>Assistant Professor</td>
<td>English</td>
<td>(1966)</td>
<td>A.B., University of California at Berkeley; M.A., San Francisco State College.</td>
</tr>
<tr>
<td>Truby, Sheila Reihing</td>
<td>Instructor</td>
<td>Nursing</td>
<td>(1968)</td>
<td>B.S., State University of New York.</td>
</tr>
<tr>
<td>Underkofler, G. W.</td>
<td>Associate Professor</td>
<td>Business</td>
<td>(1952)</td>
<td>B.A., Nebraska Wesleyan University; University of Chicago; University of California, Los Angeles; University of Southern California; San Jose State College; Brigham Young University.</td>
</tr>
<tr>
<td>Valverde, Luis J.</td>
<td>Associate Professor</td>
<td>Foreign Language, English</td>
<td>(1965)</td>
<td>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.</td>
</tr>
<tr>
<td>Van Liew, Wayne</td>
<td>Associate Professor</td>
<td>Drafting-Design</td>
<td>(1961)</td>
<td>B.S., M.S., Oklahoma State University; University of Tulsa; Idaho State College; University of Illinois; University of Arkansas; South Dakota School of Mines and Technology.</td>
</tr>
<tr>
<td>Vinz, Warren</td>
<td>Assistant Professor</td>
<td>History</td>
<td>(1968)</td>
<td>Lincoln College; B.A., Sioux Falls College; B.D., Berkeley Baptist Divinity; M.A., Ph.D., University of Utah.</td>
</tr>
<tr>
<td>Wallace, Eunice</td>
<td>Associate Professor</td>
<td>English</td>
<td>(1968)</td>
<td>B.A., College of Idaho; Ed.M., Ph.D., Oregon State University; University of California; American University.</td>
</tr>
<tr>
<td>Wallace, Flora</td>
<td>Dean of Women</td>
<td></td>
<td>(1968)</td>
<td>B.A., Carolina College; M.S., University of Bridgeport; Ed.D., University of New Mexico.</td>
</tr>
<tr>
<td>Wallace, Gerald</td>
<td>Professor of Teacher Education</td>
<td>Dean, School of Education</td>
<td>(1968)</td>
<td>B.A., College of Idaho; M.A., University of California; Ed.D., University of Oregon; Whitman College; Colorado State College; Oxford University.</td>
</tr>
<tr>
<td>Warner, Mont M.</td>
<td>Associate Professor</td>
<td>Geology</td>
<td>(1967)</td>
<td>A.B., M.A., Brigham Young University; Ph.D., State University of Iowa.</td>
</tr>
<tr>
<td>Warwick, John E.</td>
<td>Assistant Professor</td>
<td>English, Speech</td>
<td>(1963)</td>
<td>B.S., Quincy College, Illinois; M.F.A., Catholic University of America.</td>
</tr>
<tr>
<td>Wendell, Sharon M.</td>
<td>Instructor</td>
<td>Nursing</td>
<td></td>
<td>B.S., in Nursing, University of Portland.</td>
</tr>
<tr>
<td>Wenski, Eugene F.</td>
<td>Instructor</td>
<td>Mathematics</td>
<td>(1967)</td>
<td>B.S., Gonzaga University; M.S., University of Idaho; University of Washington.</td>
</tr>
<tr>
<td>Westfall, Helen</td>
<td>Associate Professor</td>
<td>Physical Education</td>
<td>(1962)</td>
<td>B.A., Simpson College; M.A., State University of Iowa; University of Oklahoma; University of California at Los Angeles; Drury College; University of Illinois.</td>
</tr>
</tbody>
</table>
Faculty

WESTON, E. ALLEN, Assistant Professor .......... Drafting & Design (1964)
B.F.A., University of Arizona; Jefferson Machamer School of
Art; Art Center School; USA Engineering Drafting School, Col-
lege of Idaho.

WHITE, WAYNE E., Associate Professor .... Business Administration (1965)
A.A., Eastern Arizona Junior College; B.S., M.A., Arizona State
University; University of Arizona.

WILCOX, IRENE A., Assistant Professor .......... Social Work (1966)
B.A., University of Utah; Howard University; M.S.W., Wash-
ington University.

WILKINSON, EDWIN E., Assistant Professor of Psychology and
Dean of Men (1958)
B.A., Whitworth College; M.S., Washington State University;
University of Oregon.

WILLIAMSON, MARJORIE, Assistant Professor .......... Office Administration (1967)
B.S., University of Kansas; M.S., University of Idaho.

WILSON, DARRELL C., Associate Professor .......... Political Science (1967)
B.S., Lewis and Clark College; M.A., Ph.D., University of Oregon.

WILSON, PETER KLEIN, Associate Professor .......... Business Administration (1966)
B.A., University of Illinois; J.D., Northwestern University.

WINANS, ELLA MAE, Associate Professor .......... Mathematics (1958)
B.S., University of Oregon; M.S., New York University.

WOLFE, JAMES R., Associate Professor .......... Associate Director, Educational Services (1960)
B.S., M.B.A., Indiana University; University of California at
Berkeley; Idaho State College; Stanford University; Michigan
State University.

WOODWORTH, JOHN G., Associate Professor .......... English (1958)
B.A., University of Oklahoma; M.A., University of Michigan;
University of Iowa; Northwestern University; Iowa State Col-
lege; Southern Oregon College; Oregon Shakespearean Festival.

WYLLIE, GILBERT A., Associate Professor .......... Life Sciences (1965)
B.S., College of Idaho; M.A., Sacramento State College; Ph.D.,
Purdue University.

YOUNG, JERRY, Assistant Professor .......... Mathematics (1964)
A.A., Centralia Junior College; B.A. (Math), B.A. (Ed.), Central
Washington State College; M.A., Washington State Univer-
sity.

YOUNG, JOHN R., Professor .......... Marketing (1967)
B.Ed., Whitewater State College; M.A., Ph.D., University of
Iowa.

YOUNG, VIRGIL M., Associate Professor .......... Education (1967)
B.S., M.Ed., Ed.D., University of Idaho.

EMERITI

ELSIE BUCK, Professor of Mathematics
(1932-34; 1937-68)

VINA BUSHBY, Associate Professor of Secretarial Science
(1946-65)

LUCILLE T. FORTER, Instructor in Voice
(1932-62)

*Sabbatical Leave 1968-69.
ADA Y. HATCH, Professor of English
(1932-67)
MARY T. HERSHEY, Registrar
(1933-54)
HELEN E. MOORE, Dean of Women
(1947-68)
CAMILLE B. POWER, Associate Professor of Spanish and French
(1932-35; 1936-51; 1954-67).
JEANNE G. STEARNS, Associate Professor of Physics
(1946-68)
LYLE F. TRAPP, Assistant Professor of Auto Body
(1953-67)
### Scholarships

#### PART TIME ASSISTANTS AND SPECIAL LECTURERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>HERBERT K. BELL (1968)</td>
<td>Accounting</td>
<td>LL.B., University of Louisville M.B.A., USAF Institute of Technology</td>
</tr>
<tr>
<td>DWIGHT BICKEL (1967)</td>
<td>Business</td>
<td>B.S., University of Illinois LL.B., University of Illinois</td>
</tr>
<tr>
<td>DEAN Bigler (1963)</td>
<td>Accounting</td>
<td>M.A., University of Portland Willamette University</td>
</tr>
<tr>
<td>DEL Bowman (1967)</td>
<td>Interior Decorating</td>
<td>B.S., University of Idaho San Jose State College</td>
</tr>
<tr>
<td>JEAN Boyles (1949-57; 1962)</td>
<td>Physical Education</td>
<td>A.B., University of California M.S., University of Colorado</td>
</tr>
<tr>
<td>FRANK Carr (1954)</td>
<td>Photography</td>
<td>Northwest Nazarene College</td>
</tr>
<tr>
<td>ALYCE Copple (1967)</td>
<td>Office Machines</td>
<td>B.S., University of Idaho</td>
</tr>
<tr>
<td>WILLIAM Crawford (1960; 1968)</td>
<td>Apprentice Plumbing</td>
<td>Owner—Hyde Park Plumbing</td>
</tr>
<tr>
<td>JAMES A. Defenbach (1963)</td>
<td>Accounting</td>
<td>B.S., M.S., University of Idaho</td>
</tr>
<tr>
<td>ROBERT Gavin (1967)</td>
<td>Electronics</td>
<td>B.S., U.S. Naval Academy O.D., Los Angeles College of Optometry</td>
</tr>
<tr>
<td>LAWRENCE Gibbons (1966)</td>
<td>Mathematics</td>
<td>B.S., M.Nat.S., University of Idaho</td>
</tr>
<tr>
<td>FRED E. Giffin (1963)</td>
<td>Mathematics</td>
<td>B.S., Black Hills Teachers College M.Nat.S., University of Idaho College of Idaho</td>
</tr>
<tr>
<td>MILFORD Gragg (1959-1968)</td>
<td>Welding</td>
<td>Voe-Ed, Boise and Pocatello (Lesson planning and Practice teaching)</td>
</tr>
<tr>
<td>WILLIAM P. Hall (1965)</td>
<td>History</td>
<td>B.A., Princeton B.D., Union Theology Ph.D., Yale University</td>
</tr>
<tr>
<td>DAVID W. Hanford (1967)</td>
<td>Life Science</td>
<td>B.S., University of Idaho D.D.S., Northwestern University Dental School</td>
</tr>
<tr>
<td>CLAUDE A. Hanson (1968)</td>
<td>Biology</td>
<td>B.S., University of Idaho M.Nat.S., University of Idaho</td>
</tr>
<tr>
<td>WILLIAM C. Heazle (1965)</td>
<td>Accounting</td>
<td>B.B.A., University of Oregon, C.P.A.</td>
</tr>
<tr>
<td>JAMES Henry</td>
<td>Music</td>
<td>B.A., University of Colorado</td>
</tr>
<tr>
<td>JAMES Hopper (1950)</td>
<td>Music</td>
<td>B.S., Julliard School of Music M.A., University of Iowa</td>
</tr>
<tr>
<td>HENRY E. Houst, Sr. (1965)</td>
<td>Drill Team</td>
<td>B.S., College of Idaho</td>
</tr>
<tr>
<td>ADRIAN O. Hutchens (1967)</td>
<td>Economics</td>
<td>B.S., M.S., University of Cal. at Berkeley</td>
</tr>
<tr>
<td>GAIL M. Ison (1966)</td>
<td>Psychology</td>
<td>B.A., University of Idaho M.A., Brigham Young University Ph.D., University of Oregon</td>
</tr>
<tr>
<td>EDGAR A. Imhoff (1968)</td>
<td>Geology</td>
<td>B.S., University of Utah M.S., University of Wisconsin</td>
</tr>
<tr>
<td>FRED W. Knight (1965)</td>
<td>Education</td>
<td>A.B., Northwest Nazarene College M.A., Kansas State Ed.D., University of Southern California</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Degree(s)</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Monte L. Levitt</td>
<td>Dental Assisting</td>
<td>D.D.S. Loyola University</td>
</tr>
<tr>
<td>Marie P. Sasser</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Joan Smith</td>
<td>Typing</td>
<td>B.A., College of Idaho, Univ of Idaho</td>
</tr>
<tr>
<td>Richard Stokes</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Wallace A. Walker</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Merle W. Wells</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Helene M. White</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Thomas W. Wilbanks</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Daniel Rode</td>
<td>Psychology</td>
<td>B.A., San Francisco State College</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
<tr>
<td>Requests</td>
<td>Secretarial Science</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Requests</td>
<td>Typing</td>
<td>B.A., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Economics</td>
<td>A.B., M.B.A., Univ. of South. Cal.</td>
</tr>
<tr>
<td>Requests</td>
<td>Real Estate</td>
<td>B.S., Washington State University</td>
</tr>
<tr>
<td>Requests</td>
<td>History</td>
<td>A.B., College of Idaho</td>
</tr>
<tr>
<td>Requests</td>
<td>Music</td>
<td>M.A., Ph.D., Univ. of Cal. at Berkeley</td>
</tr>
<tr>
<td>Requests</td>
<td>English</td>
<td>A.B., Trinity University</td>
</tr>
</tbody>
</table>

**ELECTORARY EDUCATION**

**SUPERVISING TEACHERS, CAMPUS SCHOOL**

<table>
<thead>
<tr>
<th>Name</th>
<th>Grade</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keener, Keith</td>
<td></td>
<td>Principal</td>
</tr>
<tr>
<td>Smith, Margaret</td>
<td>Grade 1</td>
<td>Nurse</td>
</tr>
<tr>
<td>Wand, Lois</td>
<td></td>
<td>Grade 1</td>
</tr>
<tr>
<td>Goin, Alice</td>
<td></td>
<td>Grade 4</td>
</tr>
<tr>
<td>Hawks, Carlota</td>
<td>Grade 2</td>
<td></td>
</tr>
<tr>
<td>Fritschle, Mariel</td>
<td>Grade 3</td>
<td></td>
</tr>
<tr>
<td>Phelps, Dora</td>
<td></td>
<td>Grade 5</td>
</tr>
<tr>
<td>Roberts, Dorothy</td>
<td>Grade 4</td>
<td></td>
</tr>
<tr>
<td>Roberts, Duane</td>
<td>Grade 6</td>
<td></td>
</tr>
<tr>
<td>Seeley, Dorotha</td>
<td>Grade 3</td>
<td></td>
</tr>
<tr>
<td>Tooman, Marguerite</td>
<td>Grade 1</td>
<td></td>
</tr>
<tr>
<td>Warr, Harry G.</td>
<td>Grade 6</td>
<td></td>
</tr>
<tr>
<td>Worden, Marianne</td>
<td>Grade 2</td>
<td></td>
</tr>
</tbody>
</table>
Scholarships

SCHOLARSHIPS AVAILABLE

American Business Women's Association — Boise Centennial Chapter

The Boise Centennial Chapter of the American Business Women's Association offers two $150 scholarships annually to girls in the field of secretarial science or business. Holders are chosen by the faculty of the School of Business. Applications should be made to the Dean of the School of Business.

Beta Sigma Phi City Council

The Beta Sigma Phi City Council contributes to the scholarship fund annually. Apply to the Committee on Scholarship Awards.

Boise Ad Club

Syms-York Company through the Boise Ad Club offers a scholarship of $250 to a Marketing major chosen by the faculty of the School of Business and approved by the Board of Directors of the Club. Applications should be made to the Dean of the School of Business.

Boise Business and Professional Women's Club

The Beta Sigma Phi City Council contributes to the scholarship fund of $100 to be given to a junior or senior woman majoring in education or business education and a bona fide resident of Boise.

Boise College Fund, Inc.

The Boise College Fund, Inc., is comprised of the various memorial scholarship funds indicated below. Annual earnings from this fund will provide a limited number of scholarships each year. Applications should be made to the Scholarship Awards Committee unless otherwise stated.

W. H. Langroise established a Memorial Fund in memory of his wife, Vernette S. and his son, William H., Jr., Scholarships will be awarded from the earnings of this fund. Application should be made to the Committee on Scholarship Awards.

Funds have been bequeathed to Boise State College by W. George and Laura B. Campbell and earnings provide scholarships to outstanding, worthy students attending Boise State College.

The Dr. Virginia M. Ebert Memorial Scholarship Fund was established by friends in memory of Dr. Ebert, former faculty member of the Psychology Department.

The Lucille Lippincott Fund is given annually to a student of voice. Auditions are held in the Spring before the Music School Faculty. Recipient must be a music major and application is made to the Head of the Music Department.

The Floribel Williams Memorial Fund.

The Jacob Ullman Memorial Scholarship Fund was established in his memory by friends and relatives.

The Sid Waterhouse Memorial Scholarship Fund was established by friends in memory of Mr. Waterhouse, employee of the College for many years.

The Mrs. Guy Barton Memorial Scholarship Fund was established in memory of Mrs. Barton, mother of Mrs. Eugene B. Chaffee, by friends. The Sherman N. Weisgerber Memorial Scholarship Fund was established in his memory by his fellow employees of the State Highway Department and friends.

The Calla Wood Memorial Fund was established by the American Association of University Women.

The College was the recipient of a bequest from Mrs. Virginia O. Baird, wife of Mr. Ed Baird, former trustee of Boise Junior College.

Boise Lions Club

The Boise Lions Club awards two $100 scholarships to graduating seniors from high schools in the Boise area on the basis of service, citizenship, scholarship and need. Apply to the Committee on Scholarship Awards.
C. C. and Henrietta W. Anderson Foundation

The C. C. and Henrietta W. Anderson Foundation, a charitable, religious, and educational foundation created some years ago by Mr. and Mrs. Anderson, authorizes a grant to Boise State College each year from earnings of the trust to be used for scholarships. This year six $500 scholarships will be offered to bona fide residents of Boise. Students will be considered for these scholarships on the basis of scholastic record, need, and worthiness. Application should be made to the Committee on Scholarship Awards.

Clyde F. Potter Memorial Scholarship Fund

The Clyde F. Potter Memorial Scholarship Fund was established at Boise Junior College in 1963 by the many friends and relatives of Mr. Potter in remembrance of his many years of devoted service to Boise Junior College and its students. Mr. Potter served first in the capacity of Secretary-Treasurer of the Boise Junior College District, and later as Business Manager. One Boise Junior College District tuition scholarship will be awarded annually to an outstanding, worthy student attending Boise State College. Application should be made to the Committee on Scholarship Awards.

Daughters of the American Revolution — Pioneer Chapter

Pioneer Chapter, Daughters of the American Revolution, gives a scholarship of $100 each year to help a Boise girl with a good scholastic record to carry out her plans for a higher education. Apply to the Committee on Scholarship Awards.

Duplicate Bridge Club

The Duplicate Bridge Club of Boise presents a scholarship of $100 to a sophomore student who plans to continue his education in Idaho. Need is a factor.

Earl B. Mathews Memorial

The Earl B. Mathews Scholarships for several students are made possible by an annual gift from Mr. Mathews, a former student of Boise Junior College, and a matching amount from the General Electric Foundation. Application for these scholarships should be made to the Committee on Scholarship Awards.

Elks Lodge — B.P.O.E., Boise Lodge No. 310

The Boise Lodge No. 310 of the B.P.O.E. provides a scholarship in the amount of $200.

Esquires Club

The Esquires Club, a men's service club, offers a scholarship of $100 each spring semester to a student who will be returning the following fall. Application should be made to the Committee on Scholarship Awards.

Eva Adams

Scholarships are made possible each year by Mrs. Eva Adams, continuing the plan initiated by her husband, the late Charles F. Adams.

Harry W. Morrison

Mr. Harry W. Morrison has provided funds for a limited number of scholarships to deserving students attending Boise State College.

Helen Moore Scholarship

The Helen Moore Scholarship makes available $150 each semester to a student with a major in English. This is a continuing scholarship and the recipient is selected by the English Department.

Idaho Air National Guard

The Idaho Air National Guard grants a $50 Scholarship each semester to an active member of the 124th Fighter Group (AD). The recipient must be enrolled at Boise State College as a full-time academic student, and his expiration term of service must not occur during the period of time for which the scholarship has been awarded. The Dean of Men, Coordinator for the Air National Guard, first determines eligibility; formal application should then be made with the Committee on Scholarship Awards.
Idaho Candy Company
The Idaho Candy Company Scholarships are awarded to several worthy students from Idaho who are attending Boise State College. Application should be made to the Committee on Scholarship Awards.

Idaho Peace Officers' Association
The Idaho Peace Officers' Association has provided funds covering the award of scholarships for upper classmen who are criminology majors and residents of Idaho. This scholarship requires a cumulative grade average of 2 point and a major grade average of 3 point.

Idaho State Employees Association — Capitol Chapter
The Capitol Chapter of the Idaho State Employees Association awards two scholarships annually, one to a boy and one to a girl. These scholarships are available to either freshmen or sophomore students, children of Idaho State Employees and living in the Capitol Chapter area. (Counties of Ada, Boise, Elmore.) Application should be made to the Committee on Scholarship Awards.

Intercollegiate Knights
The Intercollegiate Knights, men's service organization, makes available a number of tuition scholarships each year to worthy students attending Boise State College. Apply to the Committee on Scholarship Awards.

J. Weil & Company
The J. Weil & Company of Boise grants a $25 scholarship annually to a student in the Division of Business and Economics at Boise State College. Application should be made to the Committee on Scholarship Awards.

Kenneth N. Salyer Memorial Wrestling Scholarship Fund
The Kenneth N. Salyer Memorial Wrestling Scholarship Fund was established by Mrs. Kenneth Salyer from contributions by his friends and relatives. One $100 scholarship will be awarded each year. Applicants should be prospective members of the wrestling team. Apply to the Scholarship Awards Committee.

Laura Moore Cunningham Scholarship Foundation
The Laura Moore Cunningham Scholarship Foundation provides $500 scholarships to outstanding worthy students of Boise. The awards are made to three members of each freshman class and may be continued after first issuance, depending upon scholastic achievement. Apply to Scholarship Awards Committee.

Lloyd Charles Stenger Scholarship
The Lloyd Charles Stenger Scholarship of $50 is a memorial awarded to a Boise State College student. Scholastic record, worthiness and need are considerations for this scholarship. Make application to the Committee on Scholarship Awards.

Chaffee Hall Scholarship
One or more scholarships are given each year by Boise State College students living in Chaffee Hall. Selection is made by the men living in the dormitory with the assistance of the Dean of Men. Application is made to the Scholarship Awards Committee.

The Knights of Pythias
The Knights of Pythias Scholarship is awarded to a Vocational student.

Margaret Cobb Ailshie Foundation
Five Margaret Cobb Ailshie scholarships of $400 each are awarded students of Boise State College who are bona fide resident of Boise College District. They are awarded on the basis of financial need, worthiness and scholastic standing. Apply to the Committee on Scholarship Awards.

Pi Sigma Sigma
Pi Sigma Sigma, men's service organization on the campus, makes an award of a tuition scholarship to a freshman male student entering Boise State College. Make application to the Committee on Scholarship Awards.
Potter Tylee Howard Memorial Scholarship
The Potter Tylee Howard Memorial Scholarship was established by a group of his close friends. The award of $100 is available to the most worthy student whose parent is an employee of the City of Boise, or to a high school graduate from the Boise school system.

Robert F. Jones Memorial Scholarship
The earnings of the Robert F. Jones Memorial Scholarship Fund which was established by family and friends of Dr. Jones, former head of our Education Department, will provide a scholarship of $100 for a student majoring in education each year.

Student National Education Association of Boise State College
The Student National Education Association of Boise State College gives an annual $50 scholarship to an outstanding freshman or sophomore education major. Application should be made to the Committee on Scholarship Awards.

Saga Food Service
Several board scholarships are provided by Saga Food Service each year. Apply to the Scholarship Awards Committee.

Tau Alpha Phi
A number of scholarships are awarded each year to students enrolled in vocational courses by Tau Alpha Pi, a vocational service fraternity of the College. Awards are made by the Vocational-Technical Division Scholarship Awards Committee.

Valkyries
Scholarships are given by the Valkyries, women's service organization of Boise State College, to women of the College who have a high scholastic standing and who are in need of financial aid in order to continue their higher education. Apply to the Committee on Scholarship Awards.

Welcome Wagon Newcomers Club of Boise
The Welcome Wagon Newcomers Club of Boise awards $125.00 per semester for the school year to a worthy second year female student who is a Boise Junior College District resident living at home and planning to continue her education beyond the first two years. Application should be made to the Committee on Scholarship Awards.

YMCA Rhodenbaugh Scholarships
Scholarship awards will be made each year from the earnings of the YMCA Rhodenbaugh Fund to students at Boise State College in training to be teachers. Final selection will be made by the Board of Directors of the YMCA.

Miscellaneous Funds
A limited number of tuition scholarships are granted each semester to both freshman and sophomore students, based on scholastic achievement, character, leadership, and demonstrated need. Funds are provided by anonymous donors and scholarships are awarded upon application to the Committee on Scholarship Awards.

A number of other scholarships and awards are offered to Boise State College students by various organizations. These awards are made directly by the organizations involved and are based upon special qualifications or auditions. Applications should be made as indicated.

Ada County Medical Auxiliary
The Ada County Medical Auxiliary awards a scholarship at the end of each school year to a young lady who will continue studying at Boise State College during her sophomore year in the field of nursing. Make application to the Director of Nursing at Boise State College.

Ada County School Food Service Association
The Ada County School Food Service Association offers a $50 scholarship to a freshman student majoring in Home Economics who will return to Boise State College for her sophomore year and plans to complete requirements for a degree in Home Economics. The applicant's family home must be located in Ada County. Selection will be made by representatives of the Food Service Association.
Scholarships

Altrusa Club — Boise

The Boise Altrusa Club Education Scholarship of $400 ($100 each semester for two years) is awarded to a woman graduate from a Boise high school who will study for two years at Boise State College in preparation for the teaching profession. Application may be made through the girls' counselors at the high schools.

American Legion Gem Boys State

Boise State College awards six $100 scholarships each year to outstanding boys attending the American Legion Gem Boys State. The recipients are chosen on leadership, character, self-reliance, courage, and initiative. These scholarships are awarded by the Chairman of the Committee on Scholarship Awards of Boise State College, a Justice of the Idaho Supreme Court, and a National Field Representative of the American Legion.

Associated Women Students of Boise State College

The Associated Women Students of Boise State College award a $50 scholarship each year to a girl from a high school within Ada County who will be living in Morrison Hall. The recipient is chosen by the Director of Morrison Hall, the Dean of Women, and the Dean of Student Personnel Services.

Association of Insurance Agents — Boise

The Boise Association of Insurance Agents has made funds available for two $100 scholarships each semester to students residing in the Boise Junior College District who are enrolled as full-time students in the field of business. The scholarships are awarded on the basis of financial need and scholastic ability, and the recipients are chosen by a faculty committee from the School of Business and two members of the Boise Association of Insurance Agents. Application should be made to the Dean of the School of Business at Boise State College at least one month prior to the close of each semester.

B'nai B'rith Award

The B'nai B'rith Award is given annually in honor of Noah S. Levine, a former student of Boise Junior College who gave his life in the service of his country. This award will be presented to a full-time student who, in the opinion of the faculty, is most deserving and who has participated most actively in the fields of public speaking, debate, dramatics, and radio broadcasting activities. This award is presented by the Nathan Falk Lodge No. 48 B'nai B'rith, Boise, Idaho.

Boise Home Economists in Homemaking

Boise Home Economists in Homemaking present a $50 award to an outstanding sophomore girl who is majoring in home economics. Selection is based upon scholarship, school service and professional potential.

Boise P.T.A. Council

Boise P.T.A. Council makes available annually several scholarships to Boise High School, Borah High School, Capital High School, and Bishop Kelly High School graduates who are continuing their education at Boise State College. These awards are given to students who plan to enter the teaching profession. Apply to the high school counselors.

Boise Tuesday Musicale

The Boise Tuesday Musicale awards an annual scholarship to a student majoring in applied music. Following auditions conducted and judged by the Boise Tuesday Musicale in May, the scholarship is presented to the most deserving student. An applicant must have been a member of the Boise Junior Tuesday Musicale, enroll in the Music Department of Boise State College for the fall semester, and make application to the President of the Boise Tuesday Musicale prior to April 20.

Choristers Club

A pipe organ scholarship of $250 is awarded annually. This scholarship is provided by the Choristers Club members. Application should be made to the Head of the Music Department of the College. The recipient shall be a full-time student, majoring in music at Boise State College.
Leon Burt Studios

The Leon Burt Studio presents a $100 scholarship annually on the basis of competition. Auditions are held in the Spring before the faculty of the Music Department. Recipient must be a music major and a full-time student at Boise State College.

First Security Foundation

The First Security Foundation offers two scholarships of $500 each to upper division students of business and finance. The faculty of the School of Business Boise State College selects outstanding students for these scholarships.

40 & 8 Voiture Local 311

The “40 & 8” Voiture Local 311 grants a $25.00 scholarship each year to an outstanding student of French attending Boise State College. Selection of the recipient of this award is made by the French instructors at the College. Financial need is a consideration.

Golden Z Club

The Golden Z Club of Boise State College gives one or two Maymie Pierce Scholarships to freshman members who will continue their study at the College, based on grade point average and leadership. Selection will be made by a committee of Golden Z members, their Advisor, and the Dean of Women.

Holsinger Music, Inc.

Holsinger Music, Inc., offers a $100 scholarship to a worthy student in the Music Department of Boise State College. Selection of such a student will be made by the head of the Music Department by competitive audition, and applications should be submitted to the head of the department.

Hummel, Hummel, Jones and Shawver

Hummel, Hummel, Jones and Shawver awards annually to a freshman art student, who continues study at Boise State College as a sophomore, a scholarship in the amount of $100. The recipient is selected by the head of the Art Department of Boise State College.

Lambda Delta Sigma

The Lambda Delta Sigma organization offers annually two $100 scholarships. The students must register for a minimum of fourteen semester hours and maintain a grade point average of 2.5. Apply to the Director of the L.D.S. Institute of Religion, Boise.

Methodist Service Award — First Methodist Church

The Methodist Service Award of $50 is given annually by the Wesley Fellowship of the First Methodist Church, Boise, to a student who has completed one year at Boise State College or a Boise high school graduating senior planning to attend Boise State College. Apply to the Minister of the First Methodist Church.

Miss Boise College

Boise State College offers a $250 scholarship to the young lady chosen as “Miss B.S.C.” The recipient of this scholarship must be a single girl who will use the scholarship at Boise State College and must be enrolled as a full-time student. The “Miss B.S.C.” Pageant is jointly sponsored by two service clubs of the college, the Golden Z’s and the Intercollegiate Knights.

Nampa Dollars for Scholars Committee

The Nampa Dollars for Scholars Committee awards a number of scholarships from the Nampa Community Scholarship Fund to students from that area who are continuing their higher education.

National Secretaries Association — Boise Chapter

The Boise Chapter, National Secretaries Association (International), awards yearly a $250.00 scholarship to a graduating woman student from a Boise high school who plans to further her education in the field of secretarial science. Selection of a recipient is made on alternate years by the three high schools. Application should be made to the Girls’ Counselors.

Nordling Parts Co.

Nordling Parts Co. provides several scholarships for students in Auto Mechanics. Boise State College is one of three institutions which the recipients may attend.
Rose Richer Adkison Memorial Scholarship Fund
The Rose Richer Adkison Memorial Scholarship Fund has been established by Colonel Norman B. Adkison in memory of his wife, Rose. These scholarships are awarded annually to Idaho residents attending Boise State College who are outstanding art students. The Head of the Art Department selects the recipients for these awards.

Schoonover Band Scholarships
A number of scholarships are given by Mr. John A. Schoonover. These are awarded to students who are proficient in trombone, baritone, or brass instruments, and interested in becoming members of the Boise State College Band. Scholarships will be largely determined by auditions conducted by the Director of the Band.

Sears-Roebuck Foundation of Seattle
The Sears-Roebuck Foundation of Seattle offers six scholarships of $125 each to graduates of Meridian High School, Mountain Home High School, and Bishop Kelly High School of Boise. Apply to high school principal.

Soroptimist Club of Boise
The Soroptimist Club of Boise grants several scholarships to women high school graduates in the Boise area. Make application to the Chairman of the Scholarship Committee Soroptimist Club of Boise.

Women's Auxiliary of the Southwestern Idaho Dental Association
The Women's Auxiliary of the Southwestern Idaho Dental Association awards a $150 scholarship to a young lady enrolled in the Dental Assistant Program at Boise State College on the basis of scholastic record and need. The Dental Assisting instructor makes recommendations for the scholarship and the recipient is chosen by the instructor with the assistance of the Chairman of the Vocational-Technical Division and the Director of the Dental Assistant Program.

Zonta Club Scholarship
The Zonta Club of Boise awards yearly the Genevieve Turnipseed Scholarship in the amount of $300 to a member of the Golden Z Club with the highest grade average; the award is to be used in an institution in one of the eleven western states. A committee consisting of the Chairman of the Scholarship Awards Committee at Boise State College, the Golden Z Advisor, and one member from the Zonta Club of Boise, determines the recipient of this award. Application should be made to the Advisor of the Golden Z Club Z Club.

LOAN FUNDS AVAILABLE
Citizens Loan Fund: Four Basic civic organizations have made possible this fund, which was established in 1938 by the Kiwanis Club. Since that time, the fund has increased almost ten-fold with contributions from the Rotary, Exchange, and Lions Clubs as well as the Kiwanis Club.

Ballantyne Loan Fund: Established by the late Mr. Sam Ballantyne of Boise, with additional contributions from his wife, Mrs. Grace A. Ballantyne.

Preston Capell Loan Fund: Established by a gift from Preston Capell of Nampa.

Capital City Kiwanis Loan Fund: Established by The Capital City Kiwanis Club of Boise.

Elmer S. Chaffee Memorial Loan Fund: Established by gifts from Boise State College faculty members.

Fern Hart Memorial Loan Fund: Established by a group of students and teachers from the schools of Ada County in memory of Mrs. Hart. The fund is especially for students who plan to make teaching their profession.

Intercollegiate Knights Loan Fund: Established by the Boise State College men's service organization.

The Janeal Fitzsimmons Memorial Loan Fund: Established by members of the Student National Education Association of Boise State College in memory of one of its members.
Robert T. McEwan Memorial Loan Fund: Established by friends of a Boise State College student in his memory.

The Jennie McFarlane Fellowship Loan Fund: Established by Purity Rebekah Lodge No. 67.

H. Albert Neal Loan Fund: Established by Mrs. Iona E. Neal of Phoenix, Arizona, in memory of her husband, Mr. Albert H. Neal, to assist students in the Education Department who plan to become teachers.

Otto T. Gottenberg Memorial Loan Fund: Established by Mrs. O. T. Gottenberg in memory of her husband.

Sears-Roebuck Loan Fund: Established by Sears-Roebuck and Company of Boise.

Warner Memorial Loan Fund: Established in memory of Ida Martin Warner by Ada County elementary teachers and Mrs. James Warner for Boise State College students majoring in Education.

Dale E. Watts Memorial Loan Fund: Established by friends and business associates in memory of a Boise State College instructor. Applicants from Vocational Education Division will be given preference.

Lucille T. Forter Loan Fund: Established by Mrs. Lucille T. Forter, a member of the original Boise State College faculty, who retired in June, 1961.

Alice J. Pecora Memorial Loan Fund: Established by members of the Boise State College staff in memory of Mrs. Pecora.

John E. Voorhees Memorial Loan Fund: Established by Mr. and Mrs. Dale E. Voorhees in memory of his father.

John B. Chatburn Memorial Fund: Established from gifts made by Boise State College staff, friends and relatives.

Physicians Memorial Loan Fund: Established by Boise Physicians to honor the memory of fellow physicians, with Dr. A. C. Jones and Dr. Richard Simonton as the first designees. Limited to the use of students of professional and practical nursing.

Myrtle McClary Memorial Loan Fund: Established by friends of the McClary family.

Gilbert M. Mathison Memorial Loan Fund: Established by his family, friends and fellow employees of the State Highway Department.

The P.E.O. Sisterhood offers loans to girls who have completed satisfactorily one semester of college work. The amount is $500.00 for one year or $1,000.00 to be used over two years. Applications may be made by contacting any P.E.O. member.

Campbell Loan Fund: Established by Campbell Estates.

Cornforth Loan Fund: Established in memory of George A. Cornforth.

Idaho Peace Officers Association, Inc.; Fund established for criminology majors.

Lois June Johnson Memorial Loan Fund: Established by gifts from friends to provide assistance for students of nursing.

D. W. Kennedy Memorial Loan Fund: Established by friends.

Wilkie Loan Fund: Established in memory of Lucille Wilkie, limited to students from Spanish speaking countries.

Kerr Memorial Fund: Established by friends to honor Nelle Kerr.
Register of Students
(AS OF MARCH 20, 1968)

BOISE COLLEGE

GEOGRAPHICAL DISTRIBUTION OF COMPLETE
ENROLLMENT FOR SCHOOL YEAR 1967-1968*

<table>
<thead>
<tr>
<th>Day Classes</th>
<th>Boise</th>
<th>Idaho</th>
<th>Out of State</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Freshmen</td>
<td>956</td>
<td>827</td>
<td>254</td>
<td>2037</td>
</tr>
<tr>
<td>Total Sophomores</td>
<td>539</td>
<td>435</td>
<td>157</td>
<td>1131</td>
</tr>
<tr>
<td>Total Juniors</td>
<td>154</td>
<td>158</td>
<td>70</td>
<td>382</td>
</tr>
<tr>
<td>Total Seniors</td>
<td>103</td>
<td>71</td>
<td>45</td>
<td>219</td>
</tr>
<tr>
<td>Total Part-time</td>
<td>161</td>
<td>130</td>
<td>128</td>
<td>419</td>
</tr>
<tr>
<td>Total Regular Day</td>
<td>1913</td>
<td>1621</td>
<td>654</td>
<td>4188</td>
</tr>
<tr>
<td>Special non-credit day programs</td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Total Day Programs</td>
<td></td>
<td></td>
<td></td>
<td>4203</td>
</tr>
</tbody>
</table>

NIGHT CLASSES

- Academic (Campus and Idaho Continuing Education) | 1644 |
- Vocational | 231 |
- MHAFB | 511 |

Total Night Classes | 2386 |

Grand Total (Day and Night Classes) | 6589 |

SUMMARY OF ENROLLMENT

Regular Session 1967-1968 and Summer 1967

<table>
<thead>
<tr>
<th>Day Classes</th>
<th>Men</th>
<th>Women</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td>1382</td>
<td>655</td>
<td>2037</td>
</tr>
<tr>
<td>Sophomores</td>
<td>791</td>
<td>340</td>
<td>1131</td>
</tr>
<tr>
<td>Juniors</td>
<td>270</td>
<td>112</td>
<td>382</td>
</tr>
<tr>
<td>Seniors</td>
<td>140</td>
<td>79</td>
<td>219</td>
</tr>
<tr>
<td>Part-time</td>
<td>170</td>
<td>249</td>
<td>419</td>
</tr>
<tr>
<td>Total Regular Day</td>
<td>2753</td>
<td>1435</td>
<td>4188</td>
</tr>
<tr>
<td>Special non-credit day programs</td>
<td>15</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Total Day Programs</td>
<td>2753</td>
<td>1450</td>
<td>4203</td>
</tr>
</tbody>
</table>

NIGHT CLASSES

- Academic (Campus and Idaho Continuing Education) | 745 |
- Vocational | 208 |
- MHAFB | 413 |

Total Night | 1366 |

Totals (Day and Night) | 4119 |

Summer School 1967 (Campus) | 521 |

MHAFB — Summer 1967 | 88 |

Grand Totals (Day, Night and Summer) | 4728 |

*Geographical distribution figures based on high school last attended.
GEOGRAPHICAL DISTRIBUTION OF DAY ENROLLMENT
FOR SCHOOL YEAR 1967-68
BASED ON HIGH SCHOOL LAST ATTENDED

<table>
<thead>
<tr>
<th>State</th>
<th>Cities/Counties</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>Grangeville</td>
<td>13</td>
</tr>
<tr>
<td>Alaska</td>
<td>Greenleaf</td>
<td>8</td>
</tr>
<tr>
<td>Arizona</td>
<td>Hagerman</td>
<td>9</td>
</tr>
<tr>
<td>Arkansas</td>
<td>Hailey</td>
<td>8</td>
</tr>
<tr>
<td>California</td>
<td>Harrison</td>
<td>1</td>
</tr>
<tr>
<td>Colorado</td>
<td>Homedale</td>
<td>32</td>
</tr>
<tr>
<td>Connecticut</td>
<td>Idaho Falls</td>
<td>29</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>Jerome</td>
<td>22</td>
</tr>
<tr>
<td>Florida</td>
<td>Kamiah</td>
<td>4</td>
</tr>
<tr>
<td>Georgia</td>
<td>Kellogg</td>
<td>2</td>
</tr>
<tr>
<td>Hawaii</td>
<td>Kendrick</td>
<td>1</td>
</tr>
<tr>
<td>Idaho</td>
<td>Kimberly</td>
<td>1</td>
</tr>
<tr>
<td>Aberdeen</td>
<td>Kooskia</td>
<td>3</td>
</tr>
<tr>
<td>American Falls</td>
<td>Kuna</td>
<td>43</td>
</tr>
<tr>
<td>Arco</td>
<td>Lapwai</td>
<td>1</td>
</tr>
<tr>
<td>Arimo</td>
<td>Leadore</td>
<td>2</td>
</tr>
<tr>
<td>Ashton</td>
<td>Lewiston</td>
<td>14</td>
</tr>
<tr>
<td>Bancroft</td>
<td>Lewiston Orchards</td>
<td>1</td>
</tr>
<tr>
<td>Blackfoot</td>
<td>Mackay</td>
<td>1</td>
</tr>
<tr>
<td>Bliss</td>
<td>Malad City</td>
<td>2</td>
</tr>
<tr>
<td>Boise</td>
<td>Marsing</td>
<td>15</td>
</tr>
<tr>
<td>Bruneau</td>
<td>McCall</td>
<td>21</td>
</tr>
<tr>
<td>Buhl</td>
<td>Melba</td>
<td>21</td>
</tr>
<tr>
<td>Burley</td>
<td>Meridian</td>
<td>218</td>
</tr>
<tr>
<td>Caldwell</td>
<td>Middleton</td>
<td>30</td>
</tr>
<tr>
<td>Cambridge</td>
<td>Midvale</td>
<td>5</td>
</tr>
<tr>
<td>Cascade</td>
<td>Montpelier</td>
<td>4</td>
</tr>
<tr>
<td>Castelford</td>
<td>Moore</td>
<td>1</td>
</tr>
<tr>
<td>Carey</td>
<td>Moreland</td>
<td>1</td>
</tr>
<tr>
<td>Challis</td>
<td>Moscow</td>
<td>6</td>
</tr>
<tr>
<td>Coeur d'Alene</td>
<td>Mountain Home</td>
<td>73</td>
</tr>
<tr>
<td>Council</td>
<td>Murtaugh</td>
<td>1</td>
</tr>
<tr>
<td>Cottonwood</td>
<td>Nampa</td>
<td>209</td>
</tr>
<tr>
<td>Craigmont</td>
<td>New Meadows</td>
<td>1</td>
</tr>
<tr>
<td>Declo</td>
<td>New Plymouth</td>
<td>14</td>
</tr>
<tr>
<td>Dietrich</td>
<td>Nez Perce</td>
<td>3</td>
</tr>
<tr>
<td>Dubois</td>
<td>Notus</td>
<td>19</td>
</tr>
<tr>
<td>Eagle</td>
<td>Oakley</td>
<td>4</td>
</tr>
<tr>
<td>Eden</td>
<td>Orofino</td>
<td>7</td>
</tr>
<tr>
<td>Emmett</td>
<td>Parma</td>
<td>30</td>
</tr>
<tr>
<td>Fairfield</td>
<td>Fayette</td>
<td>32</td>
</tr>
<tr>
<td>Filer</td>
<td>Plummer</td>
<td>1</td>
</tr>
<tr>
<td>Fruitland</td>
<td>Pocatello</td>
<td>18</td>
</tr>
<tr>
<td>Garden Valley</td>
<td>Potlatch</td>
<td>2</td>
</tr>
<tr>
<td>Glens Ferry</td>
<td>Preston</td>
<td>4</td>
</tr>
<tr>
<td>Gooding</td>
<td>Rexburg</td>
<td>4</td>
</tr>
<tr>
<td>Grace</td>
<td>Riggins</td>
<td>4</td>
</tr>
<tr>
<td>Grandview</td>
<td>Ririe</td>
<td>1</td>
</tr>
</tbody>
</table>
Register of Students

<table>
<thead>
<tr>
<th>City</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rupert</td>
<td>18</td>
</tr>
<tr>
<td>St. Anthony</td>
<td>6</td>
</tr>
<tr>
<td>Salmon</td>
<td>10</td>
</tr>
<tr>
<td>Sandpoint</td>
<td>6</td>
</tr>
<tr>
<td>Spencer</td>
<td>1</td>
</tr>
<tr>
<td>Shoshone</td>
<td>2</td>
</tr>
<tr>
<td>Twin Falls</td>
<td>36</td>
</tr>
<tr>
<td>Wallace</td>
<td>4</td>
</tr>
<tr>
<td>Weiser</td>
<td>42</td>
</tr>
<tr>
<td>Wendell</td>
<td>6</td>
</tr>
<tr>
<td>Wilder</td>
<td>16</td>
</tr>
<tr>
<td>Illinois</td>
<td>17</td>
</tr>
<tr>
<td>Indiana</td>
<td>4</td>
</tr>
<tr>
<td>Iowa</td>
<td>15</td>
</tr>
<tr>
<td>Kansas</td>
<td>10</td>
</tr>
<tr>
<td>Kentucky</td>
<td>1</td>
</tr>
<tr>
<td>Louisiana</td>
<td>6</td>
</tr>
<tr>
<td>Maine</td>
<td>1</td>
</tr>
<tr>
<td>Maryland</td>
<td>2</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>3</td>
</tr>
<tr>
<td>Michigan</td>
<td>4</td>
</tr>
<tr>
<td>Minnesota</td>
<td>8</td>
</tr>
<tr>
<td>Missouri</td>
<td>12</td>
</tr>
<tr>
<td>Montana</td>
<td>18</td>
</tr>
<tr>
<td>Nebraska</td>
<td>11</td>
</tr>
<tr>
<td>Nevada</td>
<td>32</td>
</tr>
<tr>
<td>New Jersey</td>
<td>9</td>
</tr>
<tr>
<td>New Mexico</td>
<td>4</td>
</tr>
<tr>
<td>New York</td>
<td>13</td>
</tr>
<tr>
<td>North Carolina</td>
<td>1</td>
</tr>
<tr>
<td>North Dakota</td>
<td>8</td>
</tr>
<tr>
<td>Ohio</td>
<td>12</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>9</td>
</tr>
<tr>
<td>Oregon</td>
<td>105</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>15</td>
</tr>
<tr>
<td>South Carolina</td>
<td>2</td>
</tr>
<tr>
<td>South Dakota</td>
<td>3</td>
</tr>
<tr>
<td>Tennessee</td>
<td>2</td>
</tr>
<tr>
<td>Texas</td>
<td>14</td>
</tr>
<tr>
<td>Utah</td>
<td>25</td>
</tr>
<tr>
<td>Virginia</td>
<td>3</td>
</tr>
<tr>
<td>Washington</td>
<td>49</td>
</tr>
<tr>
<td>West Virginia</td>
<td>2</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>11</td>
</tr>
<tr>
<td>Wyoming</td>
<td>12</td>
</tr>
<tr>
<td>Illinois</td>
<td>17</td>
</tr>
<tr>
<td>Indiana</td>
<td>4</td>
</tr>
<tr>
<td>Iowa</td>
<td>15</td>
</tr>
<tr>
<td>Kansas</td>
<td>10</td>
</tr>
<tr>
<td>Kentucky</td>
<td>1</td>
</tr>
<tr>
<td>Louisiana</td>
<td>6</td>
</tr>
<tr>
<td>Maine</td>
<td>1</td>
</tr>
<tr>
<td>Maryland</td>
<td>2</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>3</td>
</tr>
<tr>
<td>Michigan</td>
<td>4</td>
</tr>
<tr>
<td>Minnesota</td>
<td>8</td>
</tr>
<tr>
<td>Missouri</td>
<td>12</td>
</tr>
<tr>
<td>Montana</td>
<td>18</td>
</tr>
<tr>
<td>Nebraska</td>
<td>11</td>
</tr>
<tr>
<td>Nevada</td>
<td>32</td>
</tr>
<tr>
<td>New Jersey</td>
<td>9</td>
</tr>
<tr>
<td>New Mexico</td>
<td>4</td>
</tr>
<tr>
<td>New York</td>
<td>13</td>
</tr>
<tr>
<td>North Carolina</td>
<td>1</td>
</tr>
<tr>
<td>North Dakota</td>
<td>8</td>
</tr>
<tr>
<td>Ohio</td>
<td>12</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>9</td>
</tr>
<tr>
<td>Oregon</td>
<td>105</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>15</td>
</tr>
<tr>
<td>South Carolina</td>
<td>2</td>
</tr>
<tr>
<td>South Dakota</td>
<td>3</td>
</tr>
<tr>
<td>Tennessee</td>
<td>2</td>
</tr>
<tr>
<td>Texas</td>
<td>14</td>
</tr>
</tbody>
</table>

Sub Total 4142

Foreign Countries:

<table>
<thead>
<tr>
<th>Country</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabia</td>
<td>3</td>
</tr>
<tr>
<td>Bolivia</td>
<td>2</td>
</tr>
<tr>
<td>Canada</td>
<td>10</td>
</tr>
<tr>
<td>England</td>
<td>2</td>
</tr>
<tr>
<td>Germany</td>
<td>1</td>
</tr>
<tr>
<td>Guam</td>
<td>1</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>1</td>
</tr>
<tr>
<td>India</td>
<td>1</td>
</tr>
<tr>
<td>Italy</td>
<td>1</td>
</tr>
<tr>
<td>Japan</td>
<td>5</td>
</tr>
<tr>
<td>Kuwait</td>
<td>4</td>
</tr>
<tr>
<td>Lebanon</td>
<td>1</td>
</tr>
<tr>
<td>Libya</td>
<td>2</td>
</tr>
<tr>
<td>Mexico</td>
<td>2</td>
</tr>
<tr>
<td>Philippines</td>
<td>2</td>
</tr>
<tr>
<td>Spain</td>
<td>5</td>
</tr>
<tr>
<td>Uganda</td>
<td>1</td>
</tr>
<tr>
<td>Venezuela</td>
<td>1</td>
</tr>
</tbody>
</table>

Sub Total 46

GRAND TOTAL 4188

Summary

<table>
<thead>
<tr>
<th>State Description</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idaho (exclusive of Boise)</td>
<td>1621</td>
</tr>
<tr>
<td>Boise</td>
<td>1913</td>
</tr>
<tr>
<td>Other States</td>
<td>608</td>
</tr>
</tbody>
</table>

Sub Total 4142

Foreign Countries 46

GRAND TOTAL 4188
INDEX

Absences ........................................ 33
Academic Probation .............................. 34
Accounting Courses ............................. 120
Accreditation .................................... 13-14
Activities Eligibility ............................ 23
ACT Tests .......................................... 29
Administrative Officers ........................... 7
Admission Requirements ........................... 29
By Equivalency Certificate ........................ 31
By Examination .................................... 31
Challenging Courses .............................. 32
On Probation ....................................... 34
Regular Students .................................. 29-30
Special Students .................................. 31
Veterans ........................................... 14
Vocational-Technical ............................ 31
With Advanced Standing ........................... 31
With Deficiencies .................................. 31
Upper Division ..................................... 32
Acceptance into Program .......................... 32
Continuing Students ............................... 32
Former Students ................................... 32
Junior Standing ..................................... 32
Permit to Register .................................. 33
Transfer Students ................................... 32
Upper Division Courses ............................ 32
Alumni Association ............................... 27
Anthropology Courses ............................ 74
Applied Music Courses ............................ 70
Art Courses ......................................... 59-61
Associate of Arts, General ........................ 35
Associate of Science, General ...................... 36
Athletics (See Physical Education) ............... 134
Auditing Accounts .................................. 19
Auditing Courses (fees) ............................ 14
Auto Body .......................................... 153
Auto Mechanics Technology ......................... 162
Baccalaureate Degree Programs ..................... 40
Biology Courses ..................................... 88-89
Board of Education (Boise State College) ........... 6
Board of Trustees (Boise College) .................... 6
Boise State College ................................. 115
Cultural Advantages ................................ 13
History of .......................................... 10
Plan .................................................. 11
Plant .................................................. 11-12-13
Role and Mission ................................. 10-11
Botany Courses ..................................... 89
Business Education Courses ......................... 122
Calendar ............................................ 2-3
Campus Map — Inside Front Cover .................... 134
Center for Guidance, Counseling, and Testing 134
Chemistry Courses .................................. 92-93
Classification of Students ........................... 33
Costs (Estimated) ................................... 15
Course Numbering System .......................... 41-42
Course Prerequisite Waiver .......................... 35
Criminology Courses ................................ 129
Curricula .............................................

- Non-Baccalaureate Degree Programs
  - Auto Body ......................................... 153
  - Auto Mechanics Technology ....................... 161
  - Computer Programming ............................ 168

Data Processing ................................... 118
Dental Assisting .................................... 170
Drafting and Design ................................ 163
Electronics Technology ............................ 165
Engineering .......................................... 87
Fashion Merchandising .............................. 167, 118
Forestry ............................................. 81
Home Economics .................................... 82
Horticulture ........................................ 154
Machine Shop ....................................... 156
Marketing—Mid-Management ........................ 119, 167
Medical Record Librarian ........................... 99
Medical Secretary ................................... 100
Office Machine Repair .............................. 158
Practical Nursing .................................... 99
Pre-Dental Hygiene .................................. 101
Radiologic Tech. ..................................... 104
Registered Nursing ................................... 107
Rehabilitation Therapy .............................. 105
Secretarial Science .................................. 119
Technical—Two-Year Programs ......................... 161
Vocational—Two-year Programs ....................... 153
Vocational-Technical—One-year Programs ............. 168
Welding ............................................. 160
Baccalaureate Degree Programs
  - Accounting ........................................ 113
  - Art ................................................ 46-49
  - Biology .......................................... 80
  - Business Education ............................... 114, 115
  - Chemistry ....................................... 82-83
  - Criminology ..................................... 117
  - Earth Science .................................... 84-85
  - Elementary Education ............................ 139
  - Engineering ...................................... 87
  - English .......................................... 51
  - Environmental Health ............................ 98
  - General Business ................................ 115
  - History .......................................... 52-53
  - Industrial Business ............................... 115
  - Marketing ........................................ 116
  - Mathematics ..................................... 85-86
  - Medical Technology .............................. 101
  - Music ............................................ 54, 55
  - Office Administration ............................ 116
  - Physical Education ............................... 134
  - Pre-Medical ...................................... 102, 103
  - Psychology ....................................... 138
  - Public Administration ............................ 117
  - Social Science .................................... 57, 58
  - Spanish .......................................... 53, 54
  - Speech-Drama ..................................... 49-51
  - Teacher Education ................................ 133

Computer Programming Courses ..................... 169
Data Processing Courses ............................ 122
Departments of Instruction
  - Accounting ........................................ 113
  - Art ................................................ 44
  - Athletics ........................................ 134
  - Biology & Home Economics ......................... 79
  - Business Education and Office Administration 114
  - Center for Counseling, Guidance, and Testing .. 134
  - Chemistry and Geology ............................ 79
INDEX

Communication Arts .................. 44
English ................................ 44
Foreign Languages .................... 44
General Business and Economics .... 112
Health, Physical Education and Recreation ...... 132
Health Services ....................... 79
History ................................ 44
Mathematics ............................. 44
Music ................................... 44
Physical Science and Engineering .... 79
Psychology ................................ 138
Public Administration ................ 117
Registered Nursing .................... 79
Social Sciences ......................... 44
Teacher Education and Library Science .. 132
Vocational-Technical .................. 152
Delinquent Accounts .................. 19
Dishonored Check Policy ............... 19
Divisions of Instruction
Arts and Letters ....................... 44
Science and Health .................... 79
Drafting and Design ............... 163
Drama and Theatre Courses .... 61-62
Economics Courses .................... 123
Education (Teacher Education)
Courses ................................. 146
Electronics Technology ................. 165
Emeriti Faculty ......................... 183
Engineering Courses .................. 96
English Courses ....................... 64
Entrance Requirements (see Admission Requirements) 29
Environmental Health Courses .... 107
Estimated Costs ....................... 15
Faculty .................................. 173
Fees ..................................... 14-18
Application Processing ................ 17
Art ........................................ 17
General Course Fee .................... 14
General Deposit ....................... 14
Housing ................................. 24, 25, 26
Late Registration ...................... 18
Registration ............................ 14
Room and Board ....................... 24-25
Testing .................................. 17
Tuition .................................. 14, 15, 16
Finance Courses ....................... 123
Foreign Language Courses ............. 68
Forestry Courses ...................... 90
French Courses ......................... 68
Full-time Student ..................... 14, 33
General Business Courses .......... 124
General Information—Part I ........ 9
Geography Courses .................... 74
Geology Courses ...................... 93-94
German Courses ....................... 68
Graduating Sem ................. 33
Graduation Requirements ............ 35-40
Associate of Arts .................... 35
Associate of Science ................ 36
Bachelor of Business .... 36-40
Bachelor of Arts ...................... 37
Bachelor of Fine Arts .................. 40
Bachelor of Music ...................... 39
Bachelor of Science .................. 38
Extension Courses .................... 37
Hours in Residence .................... 37
Diploma ................................ 36
Guidance Program ..................... 26
Health Services ....................... 26
History Courses ....................... 66-67
History of Boise State College .... 10
Home Economics Courses ............. 91
Honors .................................. 14
Horticulture Service Technician .... 154
Housing ................................. 24-25
Humanities Courses ................... 65
Incompletes ............................. 33
Journalism Courses .................... 62, 63
Library .................................. 12
Library Science Courses ............. 148
Library Science Teaching Minor .... 141
Linguistics Courses .................... 68
Literature Courses ..................... 65
Loan Funds ............................. 27
Machine Shop ........................... 156
Management Courses .................. 124
Marketing Courses .................... 126
Marketing—Mid-Management Courses .... 126
Mathematics Courses .................. 94-95
Maximum Load ......................... 35
Medical Record Librarian Courses ...... 108
Medical Technology Courses ........ 108
Music Courses ......................... 70-74
Music Fees ............................ 17
Nursing (See Registered or Practical) .. 106, 171
Office Administration Courses ...... 127
Office Machine Repair ................. 158
Permits to Register .................... 33
Petitions ............................... 35
Philosophy Courses ................... 74
Philosophy of Religion ............... 74
Physical Education Courses .... 134
Physical Science ....................... 97
Physics Courses ....................... 97
Placement Services .................... 26
Political Science Courses ............ 74
Practical Nurse Program ............. 171
Probation and Dismissal ............. 34
Psychology Courses .................... 145
Public Administration Courses ...... 125
Refunds .................................. 19
Register of Students, 1967-68 .... 195
Registered Nursing Courses .......... 108
Rehabilitation Therapy Courses .... 107-108
Regulations ............................ 33
Role and Mission of Boise State College .. 10-11
Schedule of Fees and Charges ....... 14
Scholarships ........................... 27
Schools of Instruction
Arts and Sciences ..................... 44
Business and Public Administration .. 112
<table>
<thead>
<tr>
<th>Education</th>
<th>132</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vocational-Technical</td>
<td>152</td>
</tr>
<tr>
<td>Secondary Education Options</td>
<td>140</td>
</tr>
<tr>
<td>Secretarial Courses (See Office</td>
<td></td>
</tr>
<tr>
<td>Administration)</td>
<td>127</td>
</tr>
<tr>
<td>Sociology Courses</td>
<td>75-76</td>
</tr>
<tr>
<td>Social Work Courses</td>
<td>77</td>
</tr>
<tr>
<td>Spanish Courses</td>
<td>69</td>
</tr>
<tr>
<td>Speech Courses</td>
<td>63-64</td>
</tr>
<tr>
<td>Student Activities</td>
<td>22</td>
</tr>
<tr>
<td>Student Housing</td>
<td>24-25-26</td>
</tr>
<tr>
<td>College Courts</td>
<td>25-26</td>
</tr>
<tr>
<td>Off-Campus</td>
<td>25</td>
</tr>
<tr>
<td>On-Campus</td>
<td>24-25</td>
</tr>
<tr>
<td>Student Personnel Services</td>
<td>22</td>
</tr>
<tr>
<td>Student Teaching</td>
<td>133</td>
</tr>
<tr>
<td>Teacher Certification</td>
<td>133</td>
</tr>
<tr>
<td>Teacher Education Courses</td>
<td>146</td>
</tr>
<tr>
<td>Tuition</td>
<td>14, 15, 16</td>
</tr>
<tr>
<td>Veterans Admission</td>
<td>29</td>
</tr>
<tr>
<td>Welding</td>
<td>160</td>
</tr>
<tr>
<td>Withdrawals</td>
<td>34</td>
</tr>
<tr>
<td>from College</td>
<td>34</td>
</tr>
<tr>
<td>from Courses</td>
<td>34</td>
</tr>
<tr>
<td>Zoology Courses</td>
<td>90</td>
</tr>
</tbody>
</table>