PART IV

Departments of Instruction

LIBERAL ARTS—GENERAL
PRE-PROFESSIONAL—SEMI-PROFESSIONAL
VOCATIONAL
DIVISION OF BUSINESS AND ECONOMICS

CLISBY T. EDELFSEN, Chairman
Business Administration: Dr. Edlefsen, Mr. Rose, Mr. Underkofler, Mr. Cloward
Secretarial Science: Miss Roe, Mrs. Bushby, Mrs. Lee, Mrs. Johnson

BUSINESS ADMINISTRATION

General Business, Accounting, Finance, Management, Marketing, Secretarial Science

1 Introduction to Business 3 credits
A survey course designed to acquaint the student with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary.

11-12 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 two one-hour laboratory periods per week.

14 Economic Geography 3 credits Second 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.

21 Business Mathematics 2 or 3 credits Either semester
Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentage, interest, discount, etc. Practical problems in billing, figuring profits, markups, markdowns, trade discount, cost and taxes. Interpretation of graphs and statistics; promissory notes; installment buying; securities, annuities; amortization. Required for business majors. Students will take aptitude test to determine the credit they may earn in this course.

51-52 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. The development of special reports, ratios and other analyses.
Three one-hour lectures and two one-hour laboratory periods per week.
Prerequisite: Business 11 and 12, or the equivalent.

57 Business Law 3 credits Second semester
A study of the nature and classification of the law, the courts and court procedure, with particular reference to contracts, agency, property, negotiable instruments, sales, employment and business organizations. Intended for terminal students.
*61 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 marketing 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.

*62 Retail Merchandising 3 credits  Second semester
Types of retail stores; the problems of store location, buying, merchandising, organization and management. Problems of retail store operation: salesmanship, promotion, display, personnel administration, operational control, and pricing. Prerequisite: Bus. 61 or special permission of instructor.

*71 Principles of Salesmanship 3 credits  First semester
A comprehensive presentation of the principles of modern selling, prefaced 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 devoted in class to actual selling of various articles by the students, a practical application of the principles taught.

*72 Principles of Advertising 3 credits  Second semester
History, objectives, and policies of advertising; a study of media, regulation of advertising; coordination of advertising with other merchandising factors. Preparation of copy, illustrations and layout of advertising. Guest lectures and field trips are utilized to give the student a comprehensive picture of the advertising field. Prerequisite: Business 61 or special permission of instructor.

81 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.

82 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. Emphasis placed on correct English usage and clarity. Required of all semi-professional business majors. Pre-requisite: Eng. 1 or Bus. 81; typing ability desirable.

87 Office Technique and Management 2 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. Open to business administration and secretarial science students only, or by special permission of the instructor.

*Intended primarily for terminal students; transfer students entering the course should check the curricula of the schools to which they plan to transfer.
Economics

1-2 Principles of Economics 3 credits Each semester
The first semester deals with broad macroeconomics: Contemporary economic problems; international trade; farm problems; money and banking growth; monetary and fiscal policies for full employment; business cycles; determination of national income, savings, and investment; comparative economic systems.

The second semester stresses 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.

Secretarial Science

5-6 Beginning Shorthand 4 credits Each semester
A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill and vocabulary development; skill in transcription is developed. A passing score on the English Placement Test is required for entrance into this course.

7-8 Beginning Dictation 4 credits Each semester
For students who have had one year of high school shorthand or the equivalent. A thorough review of Gregg shorthand theory, emphasizing writing skill, spelling, vocabulary development, with much work in dictation and transcription.

55-56 Intermediate Dictation 4 credits Each semester
Emphasis is placed on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: Business 5-6 or 7-8, with C grade or better, or dictation speed of 80 words per minute. Students taking this course are required to take Business 85 and 86.

85 Office Practice 4 credits First semester
Training in transcription and office routines, including the use of common duplication machines, filing, telephoning, and the use of various business forms. Open to second-year secretarial science students only. Required of students taking Business 55.

86 Secretarial Science 4 credits Second semester
Trait and personality development, intensive training in transcription and secretarial work on the private and executive secretarial level. Open to second-year secretarial science students only. Required of students taking Business 56.

Business (Secretarial)

15-16 Beginning Typing 2 credits Each semester
Intensive work in touch typewriting, with much drill to develop correct technique; course includes the typing of personal and business correspondence.

17-18 Intermediate Typing 2 credits Each semester
For students who have had one year of high school typing or the equivalent. A review of typing fundamentals for the development of speed and accuracy, and the application of typing skills to personal and business situations.
DIVISION OF HUMANITIES

ADA HATCH, Chairman

English: Mrs. Hatch, Mr. Schwartz, Miss Moore, Dr. Gardner, Miss Averett, Mr. Dolph, Mr. Shankweiler*, Mr. Woodworth, Mr. Giffin, Mrs. Spence

Art: Mr. Peck, Mr. Steel

Foreign Language: Dr. deNeufville, Mrs. Cramer

Music: Mr. Bratt, Mr. Best, Mrs. Mitchell, Mrs. Forter, Mr. Meyer, Mr. Hopper, Mr. Henry

Journalism: Dr. Gardner

ART

1-2 Art History and Appreciation 2 credits Each semester
A study of artistic expression in the fields of sculpture, painting and architecture, and the minor arts from the earliest times to the present. The course is completely illustrated with lantern slides, prints and reproductions. Two lectures per week.

11-12 Design and Color 2 credits Each semester
Purely creative dark-light design carefully planned to give the student an understanding of the structural organization underlying drawing, painting, sculpture, commercial and industrial art, and interior decoration. Correlating the design activities, a scientific and esthetic study of the relationship, order, and movements in prismatic and modified colors is made. Six hours studio per week.

17 European Civilization 2 or 4 credits
An introductory course to a Western European tour to take place during the following summer months; provides background material for appreciation of the art treasures to be studied during the tour. (For total credit combination see companion course, Soc. 52.)

21-22 Lettering 2 credits Each semester
Comprising a study of lettering technique and various alphabets; modern styles of letters will be emphasized along with spacing and lay-out for show cards. Four hours studio per week.

23 Poster 2 credits Either semester
Problems in poster display involving lettering and simple illustration. A study of color will be made in relation to poster and display based on the psychology of advertising. Prerequisite: Art 21. Four hours studio per week.

*Leave of absence for graduate study, 1959-60.
COURSES

25 Perspective 2 credits
A study of perspective for the student of commercial art, illustration or architecture. Pen and ink and wash drawing will be introduced in this course. Four hours studio per week.

31 Public School Art 3 credits
For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed. Six hours studio per week.

35-36 Crafts, Metal Work and Jewelry 3 credits
A creative exploration in designing and constructing simple problems in silver, copper, aluminum, brass, wood, enameling, mosaics and other mediums with a particular emphasis on centrifuge casting.

41-42 Elementary Drawing and Painting 2 credits
Drawing from still life, cast and nature in charcoal, water color and pastel. Fundamentals of pictorial composition are stressed. Four hours studio per week.

53-54 Ceramics 3 credits
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.

61-62 Advanced Commercial Art 2 credits
This course involves special assignments in various techniques employed in advertising and commercial art; problems in layout, typography, and reproduction processes will be emphasized. Prerequisite: 21-23-25. Advisable to have had design and color composition and elementary drawing. Four hours studio per week.

67-68 Graphics 2 credits
Workshop in printing, lithographing, etching, silk screen, and study of various processes.

81-82 Advanced Painting and Pictorial Composition 3 credits
This course includes painting in oil, water color and pastel of such subject matter as still life, figure and portrait. Emphasis is placed upon Space-Form interpretation, and its relation to the principles of composition. Prerequisite: Art 41-42 or its equivalent. Six hours studio per week.

ENGLISH

Placement Test.—Each student entering college for the first time shall be required to take a standard English Placement test for the purpose of demonstrating his degree of proficiency in language fundamentals.

Those who fail to meet minimum language requirements on the basis of this test will be required to take English A before being allowed to register for college English.

Students transferring from other schools which require such a test may present their scores in lieu of this requirement.

A Remedial English No credit
A review course required of all freshmen who fail, in the Placement Test, to prove themselves able to meet minimum
language requirements. One semester or two required, according to the level of proficiency achieved.

1-2 Freshman Composition  3 credits  Each semester
The standard course in composition principles designed to fulfill conventional lower division group requirements. The general aim of the course is increased proficiency and skill in reading, speaking, and writing and the development of special techniques essential to successful communication. The writing will include papers dealing critically with ideas expressed in various literary media: short story, poetry, essay, and drama. Class work is supplemented by individual conferences for guidance and criticism.

5 Reading Improvement  1 credit  First semester
A course designed to assist the student to achieve better comprehension of academic material. In so far as possible, instruction will be individualized.

6 Reading Improvement  1 credit  Second semester
A continuation of English 5, above.

11 Introduction to Public Speaking  2 credits  First semester
An elementary course designed to strengthen and develop confidence and poise in speaking to others, with an introduction to voice recording apparatus, voice analysis and criticism, drills and exercises for speech improvement. Impromptu and extemporaneous speeches. Not recommended for Speech Majors.

15-16 Oral Interpretation  2 credits
A course designed to study fundamental techniques for analysis and reading of poetry and prose to an audience. Extensive practice in oral reading. Recommended for speech, drama, radio, and education majors.

17-18 Discussion Techniques  1 credit  Each semester
Special attention is directed to procedures, evidence, fallacies and types of reasoning within the framework of conferences, panels and group discussions. Open to freshmen and sophomores and may be taken in conjunction with Eng. 11 (2 credit maximum).

21 Debate
Preparation for and participation in competitive debate on the current intercollegiate debate topic. Related speech activities. (4 credit maximum)

43-44 Play Production  2-3 credits  Each semester
A study of producing plays designed to give the student knowledge and skill in the major theatrical arts. Emphasis on the viewpoint and techniques of the actor in the first semester, and of the director in the second semester. Work on modern, classical, and stylized plays with a survey of the history of the theatre. Students will direct laboratory plays and will be given acting or back-stage assignments in major college productions. Required for Drama Majors. Prerequisite: English 14, or *

* Special permission in writing from the instructor.
45-46 Broadcasting 2-3 credits  Each semester
A study of radio and television production designed to equip
the student with facility in the broadcasting arts and techniques.
Radio and production principles common to both radio and tele-
vision will be emphasized in the first semester, and a general in-
troduction to television will be offered. During the second se-
memter an intensive study of television techniques will be under-
taken. Radio will be included as one of the foundation arts for
television. As part of the laboratory assignment, students will
be required to participate in two or three live broadcasts each
semester. Prerequisites: English 14 or permission of instructor
for the first semester; English 45 for the second semester.

47-48 Stagecraft  2 credits  Each semester
Designed for art and drama majors, but open to all students,
this course will provide instruction in the fundamentals of stage
scenery design, lighting, color effects, set construction, and paint-
ing. Beginning students will be assigned to crews for auditorium
production, assemblies, plays, and other set decoration responsi-
brabilities. Advanced students will be given supervisory assignments,
creative design and stage management responsibilities. Cannot be
taken simultaneously with Play Production. One hour of lecture
per week, laboratory time by arrangement. No prerequisites.

51-52 Survey of English Literature 3 credits Each semester
A study of the development of types and movements in Eng-
ish literature, and of the conditions which have surrounded their
growth. Lectures. Open as an elective to all sophomores. Fulfills
sophomore literature requirements. Required for English majors.

81-82 Survey of American Literature 3 credits Each semester
A course introducing the student to the principal American
writers from colonial times to the present, with consideration of
American fiction, poetry, essay, and criticism as a reflection of
American thought, ideals, and growth. Open as an elective to all
sophomores, fulfills sophomore literature requirements. Open to
freshmen only by permission of the instructor.

83-84 Introduction to World Literature 3 credits Each semester
A course which aims to stimulate understanding and enjoy-
ment of literature through study of outstanding selections of
prose and poetry of the Western World. Includes selections in
ancient, modern, and contemporary literature. Fulfills sophomore
literature requirements. Open to freshmen only by permission of
instructor.

91-92 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, intel-
lectual, and spiritual problems during the major cultural epochs
of human history. The course will be conducted by a panel of
specialists in each of the three major creative areas.
FOREIGN LANGUAGES

French

1-2 Elementary French  4 credits Each semester
This course is designed to develop the student's ability in understanding, reading and expressing himself accurately and with correct pronunciation and intonation. The life, culture and customs of the French people, together with the experiences of everyday life, are emphasized in the instruction, and the conversational approach is used. Recordings of grammar text are supplied for additional aural practice.

11-12 Intermediate French  4 credits Each semester
This course offers the students a comprehensive review of grammar with emphasis on idioms. The conversational approach is continued. Modern prose, short stories, and plays are read and discussed in French. Reports are given on extensive reading. Prerequisite: French 1-2 or two years of high school French.

51-52 Composition and Conversation  2 credits Each semester
Practical oral and written work based on extensive collateral reading. Class conducted entirely in French. Prerequisite: French 11-12 or four years of high school French.

German

1-2 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 repeated application rather than memorization. Idioms and pronunciation are stressed and the conversational approach is used.

11-12 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 speaking and writing, as well as reports on collateral reading are included. Prerequisite: German 1-2 or two years of high school German.

51-52 Composition and Conversation  2 credits Each semester
Practical oral and written work based on extensive collateral reading adapted to the needs of the major field of study of the students enrolled. Prerequisite: Intermediate German or 4 years of high school German.

Spanish

1-2 Elementary Spanish  4 credits Each semester
Oral method with laboratory practice with recordings of the reading material, giving cultural information about Latin-America and Spain with a practical vocabulary. Emphasis on conversation with weekly practice classes with a native assistant. Class meets five hours a week.
11-12 Intermediate Spanish 4 credits Each semester
The aim of this course is two-fold: to give the student an accurate and fluent reading knowledge of modern Spanish, and to increase his ability in conversation. Comprehensive review of grammar; study of idioms; reports on collateral reading. Class meets four hours a week. Prerequisite: Spanish 1-2 or two years of high school Spanish.

51-52 Conversation and Composition 2 credits Each semester
Practical oral and written work entirely in Spanish, based on extensive collateral reading of Hispanic-American periodicals and standard literary works. Prerequisite: Spanish 11-12 or four years of high school Spanish.

JOURNALISM
1-2 Elements of Journalism (News Writing) 1 credit Each semester
Survey of the historical, functional, cultural, and vocational aspects of journalism. Newspaper style and the elements of news; practice in gathering and writing news stories.

3-4 Reporting 2 credits Each semester
News gathering techniques, practice in handling special assignments such as sports, society, politics, convention, and police news. Prerequisite: Journalism 1 and 2 or permission of instructor.

DEPARTMENT OF MUSIC
MUSIC THEORY
Primarily for Freshmen
Music 1-2 Beginning Harmony 3 credits Each semester
Part-writing in four voices. Ground covered includes intervals, triads, all inversions of seventh and ninth chords, Neapolitan sixth chord, and suspensions. Various types of non-chord tones, and simple modulations. Prerequisite: Knowledge of scales and an instrumental or vocal facility.

Music 1A Music Fundamentals 2 credits First semester
Primarily for education students and non-music majors. Practice in elementary ear-training, sight-singing, key familiarity, and musical dictation.

Music 3-4 Beginning Ear Training 1 credit Each semester
A course designed to correlate with Music 1 & 2. Auditory training is along similar lines with the written work of Music 1-2. One hour per week.

Music 7-8 Music Literature 2 credits Each semester
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.

Music 9A-9B 10A-10B A Cappella Choir-Chorus 1 credit Each semester
A course in unaccompanied singing which meets daily. Audition required. Open to all students. The choir goes on tour each year. *Co-requisite Chorus.

*For description of Chorus see Music 43A. A Cappella Choir members must concurrently take Chorus.
Music 11-12 Vocal Ensemble 1 credit Each semester
A course designed to promote interest in small vocal groups. Part singing of both accompanied and unaccompanied music. At least one public appearance each semester is required.

Music 13-14 Instrumental Ensemble 1 credit Each semester
A course designed to promote playing in small instrumental groups. At least one public appearance is required each semester.

Music 15A-15B Orchestra 1 credit Each semester
Open to any student who is proficient in the use of an orchestral instrument. An elective to non-music majors. Required of all instrumental majors other than pianists and organists.

Music 16A-16B Orchestra 1 credit Each semester

Music 17A-17B Band 1 credit Each semester
An elective open to all students who can play a band instrument.

Music 18A-18B Band 1 credit Each semester

Music 33-34 Accompanying 1 credit Each semester
Practical experience in accompanying vocal and instrumental students. Open to piano students with sufficient technique.

Music 35-36 String Instrumental Techniques 2 credits Each semester
Designed for Public School Music Majors. This course develops a working knowledge in the handling of the various stringed instruments of the orchestral string choir.

Music 38 Public School Vocal Techniques 2 credits Each semester
Designed for Public School Music Majors, special emphasis is placed upon the problems of the elementary music teacher.

Music 39-40 Music Appreciation 2 credits Each semester
A general course in music appreciation assigned for students desiring a fundamental knowledge of great musical works. This is a Night School course.

Music 43A-43B 44A-44B Chorus 1 credit Each semester
Choral group singing which meets three times a week.

Primarily for Sophomores

Music 51-52 Advanced Harmony 3 credits Each semester
Harmonization of chorales in the style of J. S. Bach. A complete knowledge of the harmonic style of this composer, as displayed in his 371 Chorale Harmonizations, is expected of the student. Some original composition work is also undertaken. Prerequisite is Music 1-2.

Music 53-54 Advanced Ear Training 1 credit Each semester
Melodic and rhythmic dictation, two, three, and four part dictation and singing, chromatic problems and modulation. Prerequisite is Music 3-4.

Music 55-56 Keyboard Harmony 2 credits Each semester
Training at the keyboard, using figured and unfigured basses and melodies. The student is expected to acquire keyboard facility in handling the important harmonies in all major and minor keys. Prerequisite: Mus. 1-2.
Music 57-58 Conducting and Repertoire  
1 credit  
Each semester  
Basic training for Public School Music Majors in instrumental and choral conducting is given with a survey of music materials for the elementary school instrumental program. Opportunity will be given for experience in conducting.

Music 59 Public School Music  
2 credits  
Second semester  
Materials, methods and problems relating to classroom music. Elementary School Methods (grades 1 to 6).

APPLIED MUSIC

Applied Music does not come under general tuition. See schedule of fees.

Students requesting double credit in applied music must take examinations before the music faculty by the end of the semester in which the request is made. All students taking for double credit are required to perform before the faculty each semester and to play in one student recital as well.

All students applying for double credit are required to have, in addition to the prerequisites set forth under their respective instrumental divisions, a thorough knowledge of all major and minor scales and arpeggios. Required pieces must be memorized. (See instrumental divisions.)

Credit is based on one half-hour lesson per week. Two lessons per week earn double credit.

A major in Applied Music is expected to practice 10 hours a week for 2 credits and 16 hours for 4 credits.

TECHNIQUE PREREQUISITES—For all applied music, instrumental and vocal: Scales in major and minor, rhythms of 2, 3, 4, at M.M.-80.

Three-toned arpeggios in major and minor, rhythms of 2, 3, 4, at M.M.-80.

Piano

Piano Prerequisite for Piano Majors—At least one movement from a work such as Haydn, Kullak, or Clementi sonata, and a two-part invention of Bach. Works of greater difficulty may be performed in lieu of these.

Music 19-20 Piano  
2 credits  
Each semester  
Scales, arpeggios, octaves, Czerny, Bach two-part inventions, Haydn, Mozart sonatas; easy compositions of Chopin, Schumann.

Music 61-62 Piano  
2 credits  
Each semester  
Continuation of Music 20. Beethoven sonatas, classic and modern piano literature.

Music 19C-20C Piano  
1 credit  
Same as above except carries 4 credits.

Music 61C-62C  
Same as above except carries 4 credits.

Music 019-020 Piano  
1 credit  
Each semester  
Elective course for all students who wish piano instruction. Not for piano majors.
Music 069-070 Piano 1 credit Each semester
Second year elective for students not advanced enough for double credit. Prerequisite: Music 019-020.

Music 19A-20A Piano Class 1 credit Each semester
Class instruction for beginning or elementary piano students.
A one-year course. Students are urged to study privately after completing Music 20A.

Organ
Prerequisite for Organ Majors—Same as piano, or the ability to play, at the organ, hymns or short chorale preludes with accuracy.
Practice organ is available one to two hours per day. One hour per week practice on the concert organ is included in practice fees.

Music 21-22 Organ 2 credits Each semester
W. T. Best’s “Art of Organ Playing”, Bach’s shorter works, easy classic or modern compositions and short fugal works.

Music 71-72 Organ 2 credits Each semester
Larger organ works of Bach. Compositions of 17th Century as well as representative 19th and 20th century compositions.

Music 021-022 Organ 1 credit Each semester
Elective course for all college students with elemental ability.

Music 071-072 Organ 1 credit Each semester
Second year elective for students not advanced enough for chorale credit.

Violin
Prerequisite for Violin Majors—Studies by Yaser and Dort; Schubert sonatinas; concertinos by Sitt and Accolai.

Music 23-24 Violin 2 credits Each semester
Scales, arpeggios, studies by Kreutzer, Sevcik, Wilhelmj, Mazas; sonatas and concertos by Handel, Kreutzer, Rode, De Beriot.

Music 73-74 Violin 2 credits Each semester

Music 023-024 Violin 1 credit Each semester
Elective course for beginning students or those with elemental ability. Not to be taken by violin majors.

Music 073-074 Violin 1 credit Each semester
Second year elective for students not advanced enough for double credit. Prerequisite: Music 024.

Viola
Music 23V-24V Viola 2 credits Each semester
Private instruction for students majoring in viola.

Music 73V-74V Viola 2 credits Each semester
Second year instruction for viola majors.
Music 023V-024V Viola 1 credit Each semester
Elective course for beginning students or those with elemental ability.

Music 073V-074V Viola 1 credit Each semester
Elective for students taking second year of elementary viola study.

Cello
Prerequisite for Cello Majors—One and two octave scales, intermediate studies by Alwyn Schroeder and Werner; easy pieces.

Music 27-28 Cello 2 credits Each semester
Major and minor scales in two and three octaves. First forty studies of Schroeder and Werner, Book I. Student concertos of medium difficulty and classic sonatas by Summartini and Eccles. Compositions by Faure, Squire and others of medium difficulty.

Music 77-78 Cello 2 credits Each semester
Three and four octave scales with various bowings. Studies 40-80 by Schroeder and Book II by Werner; studies by Duport. More difficult sonatas and concertos.

Music 027-028 Cello 1 credit Each semester
Elective course for college students with elementary ability. Not for cello majors.

Music 077-078 Cello 1 credit Each semester
Second year elective for students with elementary ability. Prerequisite: Music 028.

Music 27B-28B Bass 2 credits Each semester

Music 77B-78B String Bass 2 credits Each semester
Continuation and extension of Music 28B.

Music 037-038 String Bass 1 credit Each semester
Elective course for any student with elementary ability.

Voice
Prerequisite for Voice Majors—Sight reading; singing of flexible, even scales, singing of a group of standard songs from memory.

Music 25-26 Voice 2 credits Each semester
Breath control, tone production, diction, rhythm, Vaccieli, or some similar technique book.

Music 75-76 Voice 2 credits Each semester
Continuation of first year technique. Marchesi, or a similar method; artistry of phrasing and interpretation; art songs of Schubert, Schumann, etc. Classic and modern songs

Music 025-026 Voice 1 credit Each semester
Elective course for all college students with elementary ability. Not to be taken by voice majors.

Music 075-076 Voice 1 credit Each semester
Second year elective for students with elementary ability. Prerequisite: Music 026.
Music 25A-26A Class Voice 1 credit Each semester
Instructional or vocal methods, production and problems with
some individual instruction given within the class.

Woodwind

Music 29B-30B Bassoon 2 credits Each semester
Course for first year students majoring in bassoon. Requires
ability in advance of elements.

Music 79B-80B Bassoon 2 credits Each semester
Course for second year bassoon majors. Prerequisite: Music
30B.

Music 029B-030B Bassoon 1 credit Each semester
079B-080B
Freshman and Sophomore. Elective course for students not
majoring in bassoon.

Music 29C-30C Clarinet 2 credits Each semester
Baermann, Book II; standard solos.

Music 79C-80C Clarinet 2 credits Each semester
Continuation of first year's study; Baermann, Books III, IV:
standard solos.

Music 029C-030C Clarinet 1 credit Each semester
079C-080C
Freshman and Sophomore. Electives in Clarinet.

Music 29F-30F Flute 2 credits Each semester
Method, Wagner; “Studies”, Anderson; standard solos.

Music 79F-80F Flute 2 credits Each semester
Continuation of first year's study; Anderson, “Studies”; standard solos.

Music 029F-030F Flute 1 credit Each semester
079F-080F
Freshman and Sophomore. Electives for students not majoring
in Flute.

Music 29E-30E Oboe (or English Horn) 2 credits Each semester
Method, Salviana. Lellner duets.

Music 79E-80E Oboe (or English Horn) 2 credits Each semester
Continuation of first year's work, Ferling, “Studies”, solos.

Music 029E-030E Oboe (or English Horn) 1 credit Each semester
079E-080E
Freshman and Sophomore Elective courses for students not
majoring in oboe.

Brass

Music 31H-32H Horn 2 credits Each semester
Methods, Horner; Methods, Hauser; standard solos.

Music 81H-82H Horn 2 credits Each semester
Continuation of first year's work; Horner methods; solos.
Music 031H-032H  Horn  1 credit  Each semester
         081H-082H
     Freshman and Sophomore. Elective courses for students not
     majoring in horn.

Music 31B-32B  Trombone (or Tuba)  2 credits  Each semester
        Arban method; standard solos.

Music 81B-82B  Trombone (or Tuba)  2 credits  Each semester
        Continuation of first year's work; Arban Method; solos.

Music 031B-032B  Trombone (or Tuba)  2 credits  Each semester
        081B-082B
     Freshman and Sophomore. Elective courses for students not
     majoring in Trombone.

Music 31T-32T  Trumpet (or Baritone)  2 credits  Each semester
        Arban Method; standard solos.

Music 81T-82T  Trumpet (or Baritone)  2 credits  Each semester
        Continuation of first year's work; Arban method; solos.

Music 031T-032T  Trumpet (or Baritone)  1 credit  Each semester
        081T-082T
     Freshman and Sophomore. Elective courses for students not
     majoring in Trumpet.
DIVISION OF LIFE SCIENCES

Donald J. Obee, Chairman
Biological Sciences: Dr. Obee, Dr. Fritchman, Dr. Bonnell,
Mr. Belknap
Home Economics: Mrs. Allison
Physical Education: Mr. Smith, Mr. Blankley, Miss Adams
Mr. Lewis
Nursing Education: Miss Miles, Mrs. Eno, Miss Keller, Mrs. Kelly,
Miss Tiffany

BIOLOGICAL SCIENCES

Biology

1-2 General Biology 4 credits Each semester
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 re-
lationhip to man. This course is recommended for those students
taking only a single course in biological sciences. Two lectures, one
recitation period, and two 2-hour laboratory periods per week.

21 History of Science 2 credits Either semester
An examination of the nature, methods, and the development of
science and the role of science in society. Two lectures per week.

51 General Bacteriology 5 credits First semester
A general survey of the field of bacteriology, designed for stu-
dents in the general science courses and as a foundation for ad-
vanced work in the subject. Three lectures and two 2-hour labora-
tory periods a week. Prerequisite: Chemistry 1-2. Chemistry 71
is recommended.

63 Microbiology 3 credits Second semester
Designed for pre-nursing students. A study of micro-organisms
causing infectious diseases and contamination of foods. Principles
of sterilization and disinfection are included along with examina-
tions of food, water, blood, milk, and excreta. Two lectures and
one two-hour laboratory period per week.

Botany

1-2 General Botany 4 credits Each semester
A study of the plant kingdom and its relation to human wel-
fare. The relationship of plants to their environment, the struc-
ture 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, one
recitation period, and two 2-hour laboratory periods per week.

52 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. Prerequisite: Botany
1-2. Two lectures and two 2-hour laboratory periods per week
or equivalent field trips.
COURSES

Zoology

1-2 General Zoology 4 credits Each semester
The fundamentals of animal structure, physiology, adaptations, development, heredity, evolution, life histories and economic importance, with special emphasis on human applications. Two lectures, one recitation period, and two 2-hour laboratory periods per week.

24 Introduction to Entomology 2 credits Second semester
A course designed to acquaint students with insects and their world role in relationship to plants, other animals, and man.

53 Human Physiology and Anatomy 4 credits Second semester
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.

54 Comparative Anatomy 5 credits Second semester
Dissection and study of representative types of vertebrates, together with lectures and discussions of general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two 3-hour laboratory periods a week. Prerequisite: Zoology 1-2.

Forestry

1 General Forestry 2 credits First semester
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.

54 Silvics 2 credits Second semester
A study of the facts and principles that underlie forest management, the various forms and types of forests and the trees of which they are composed; the basic physiological reaction of trees to light, water, etc., and the growth and development of the forest from seed to maturity. Two lectures per week. Prerequisites: Botany 1 and Forestry 1.

HOME ECONOMICS

As homemaking is both the choice and the destiny of most young women, the emphasis during the first two years is upon the general education of the student: the development of the student as a person, preparation for family life and preparation for citizenship.

Students may select an area in Home Economics as preparation for homemaking, 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.

1 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.

11 Clothing 3 credits First semester
Open to all college girls who wish to develop skill and speed in construction techniques. No previous experience in sewing
necessary. One hour discussion and two 3-hour laboratory periods per week.

12 **Tailoring** 2 credits  
Second semester  
The application of tailoring techniques in the construction of coats and suits. Two laboratory periods per week.

13 **Clothing Selection** 2 credits  
Second semester  
Dress and personality: Open to all college girls desiring assistance in planning and selecting clothes to suit personality, needs and income. No construction.

23 **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.

49 **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.

52 **Introduction to Foods** 3 credits  
Second semester  
Principles of selection, preparation, and use of various foods; consideration of menu planning, food costs, time saving procedures, kitchen efficiency. Of value to all students who will have to buy and prepare food in their own homes or supervise its buying and preparation. One hour discussion and two 3-hour laboratory periods per week.

60 **House Planning** 3 credits  
Second semester  
Consideration of housing in relation to family living: problems involved in planning for economy, comfort, and beauty in small house construction; detail drawings; materials, methods of construction, etc. Two lectures and two laboratory periods per week.

62 **Home Furnishings** 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. Two lectures, and two laboratory periods per week.
NURSING

19 Fundamentals of Nursing 4 credits
Planned to provide an understanding of the basic needs for normal health and limited deviations from health. Basic procedures for care of the patient will be taught and practiced in the hospital. Two lectures and two laboratories per week.

20 Fundamentals of Nursing 5 credits
A continuation of Nursing 19. The course also includes field trips to community health agencies. Prerequisite, Nursing 19. Three lectures and two laboratories per week.

30 Maternal and Infant Health 10 credits
Planned to give an understanding of human reproduction. The student is taught methods of making childbirth physically safe to the mother and newborn. Recognition of the emotional needs of the family is emphasized. Prerequisite, Nursing 19 and 20. Five lectures and five laboratories per week.

39 Clinical Nursing 13 credits
Planned to provide an understanding of the individual of all ages and his health needs. It includes methods and techniques of nursing care to give comfort and promote health. Prerequisite Nursing 19, 20 and 30. Five lectures and eight laboratories per week.

40 Clinical Nursing 12 credits
Continuation of Nursing 39. Prerequisite, Nursing 39. Five lectures and seven laboratories per week.

PHYSICAL EDUCATION

All students except veterans are required to have four semester credits of P.E. for graduation from junior college. Athletic participation courses (P.E. 21, 22, 23, and 24) will be allowed to fulfill the four semester hours required for graduation in lieu of P.E. 34, 36, 51 and 52.

Men

21 Football Participation 1 credit First semester
22 Basketball Participation 1 credit Second semester
23 Baseball Participation 1 credit Second semester
24 Track Participation 1 credit Second semester
34 Physical Education Activities 1 credit Each semester
   Touch football, volleyball, basketball, tumbling, badminton, weight lifting, and softball. Sections meet twice weekly at various hours.
51 Swimming 1 credit Each semester

Women

Courses which meet P.E. requirements are numbered 32-53-36.

32 Physical Education Activities 1 credit Each semester
   A choice of activities is offered. Team sports include field hockey, volleyball, basketball and softball; individual sports are badminton, tennis, archery and fencing.
53 Swimming 1 credit  Each semester
    Students furnish their own caps, suits and towels.
    **Beginning Swimming**  
    **Intermediate Swimming**

**Men and Women**

5 **Personal and Public Health** 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 concerned with such subjects as nutrition, de-
    generative diseases, health needs and services, alcohol, family
    living, and the local health department.

25 **Introduction to Physical Education** 2 credits  First semester
    Designed to give the prospective physical education teacher
    early training and understanding of what is involved in the pro-
    fession.

26 **First Aid** 2 credits  Second semester
    Prevention and treatment of common injuries. Course leads to
    Standard Red Cross First Aid Certificate.

36 **Physical Education Activities** 1 credit  Each semester
    Activities suitable for co-recreational participation include
    such as square dancing, social dancing, bowling, and skiing.

52 **Senior Life Saving**
    Leads to Red Cross Life Saving Certificate.

61 **Sports Officiating** 2 credits  First semester
    Game administration and the fundamental principles, rules,
    mechanics and techniques of officiating a variety of sports.

62 **Introduction to Recreation** 2 credits  Second semester
    A course designed to acquaint the student with the growth and
    development of community recreation and the role of community
    recreation in our present day society.

71-72 **Technique and Skills of Sports** 2 credits  Each semester
    A course designed to give the student an introduction to a
    variety of individual activities and team games found in physical
    education and community recreation programs.

**Recreational Activities**
    The college encourages participation in the various leisure and
    recreational activities. The gymnasium and all its facilities are
    available for student use. Intra-mural activities are conducted
    throughout the year in men's sports, and the Women's Athletic
    Association offers opportunities in a wide variety of activities.
    Ski enthusiasts may join the Boise Junior College Ski Club.
DIVISION OF PHYSICAL SCIENCES

JOSEPH B. SPULNIK, Chairman
Chemistry: Dr. Spulnik, Mr. Stark, Mr. Dalton, Mr. Bikerman
Engineering and Physics: Mr. Pearce, Mr. Dahm, Mrs. Stearns
Mathematics: Dr. Buck, Mr. Smartt, Mr. Hunt

CHEMISTRY

1-2 An Introduction to General Chemistry
4 credits Each semester
Lectures, recitations, and laboratory exercises. An introduction to the fundamental principles of chemistry, together with a study of the properties of the most common elements and compounds. High school chemistry is not required as a prerequisite. This course is designed primarily for those students whose interests may lie in fields other than chemistry. Three lectures, and one 3-hour laboratory period per week.

11-12 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, Engineering, Pharmacy and Science. Three lectures and two 3-hour laboratory periods per week. Recitations are included in the laboratory sessions.

51-52 Introductory Analytical and Theoretical Chemistry
4 credits Each semester
An intensive review of the fundamental laws and theories of chemistry. These are applied and tested in the laboratory through qualitative analysis and quantitative analysis including both gravimetric and volumetric methods. The lecture work also includes an elementary study of a number of selected topics in physical and theoretical chemistry. Two lectures and two 3-hour laboratory periods a week. Prerequisite: Chemistry 1-2 or 11-12.

71-72 Elementary Organic Chemistry
3 or 4 credits Each semester
An introductory course covering the fundamental principles and the more important applications of organic chemistry. The laboratory work will illustrate the technique and the typical methods for the preparation and study of simple organic compounds. The course will satisfy the organic chemistry requirements of certain curricula in Home Economics, Pre-Nursing, Pre-Dental, and Pre-Medical studies. Two lectures and one 3-hour laboratory period per week. Prerequisite: Chemistry 1-2 or 11-12. Pre-Medical and Dental students are given two 3 hour laboratories and receive 4 credits for course.

GEOLOGY

11 Physical Geology
4 credits Each semester
An introductory course to acquaint the student with the causes and effects of rock weathering; wind, water and glacial erosion and their depositions; 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 three-hour laboratory per week.

12 Historical Geology 4 credits Second semester
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.

PHYSICAL SCIENCE

1-2 Introduction to Physical Sciences 4 credits Each semester
A survey of the physical sciences with man's relation to them. For non-science majors. Three lectures and one 3-hour laboratory period per week.

ENGINEERING

1-2 Engineering Drawing 3 credits Each semester
Freehand lettering; use of drawing instruments and equipment; orthographic drawings to include the principal, selection and auxiliary views. Projections, Revolution, Dimensioning, Fasteners, Working Drawing, Descriptive Geometry. Six hours laboratory and one lecture per week.

12-13 Engineering Problems 2 credits Each semester
Training methods of computation and analysis of engineering problems and use of slide rule. Prerequisite: satisfactory score on Math placement test.

32 Machine Tool Laboratory 2 credits Second semester
Use of machine tools; theory and practice. Six hours laboratory and one hour lecture per week.

51 Introduction to Electrical Engineering 3 credits First semester
Theory of direct current and magnetic circuits. Prerequisite: Math. 11 accompanied by Physics 51. Three lectures per week.

62 Mechanics (Statics) 3 credits Second semester
Composition and resolution of forces; couples; laws of equilibrium; forces in frames; center of gravity; moments and products of inertia. Three lectures. Co-requisites: Mathematics 51 and Physics 51.

65 Mechanism 3 credits First semester
The elementary combinations of which all machines are composed. Communication of motion by various mechanical linkages. Two lectures, three hours laboratory per week. Prerequisite: Math. 12.

71 Plane Surveying 3 credits First semester
Theory and use of transit, level, and minor instruments. Land surveying. Government methods of laying out public lands. One recitation and two 3-hour periods of field work and computation per week. Prerequisites: Mathematics 1 or 11, Engineering 1.

75 Advanced Surveying 4 credits Second semester
Theory and use of plane table, transit and stadia: triangulation and base line measurement; topographical mapping; star and
solar observations. Theory of simple and compound and reverse curves, theory of the spiral easement curve and vertical curve. Mass diagram and earthwork computation. A study of aerial survays and state coordinate systems is included. Two lectures and two field laboratory periods per week. Prerequisite: Surveying 71.

**MATHEMATICS**

1-2 *Freshman Mathematics* 4 credits Each semester
College algebra, trigonometry and analytic geometry. Required in whole or in part of all students taking a mining, four-year forestry, or pre-medical curriculum. (See part III of catalog.) Recommended: a year of high school algebra and a year of plane geometry. Five class meetings a week the first semester will provide time for a brief review of elementary topics in algebra.

*11-12 Freshman Mathematics (Engineering)*
5 credits Each semester
College algebra, trigonometry, analytic geometry and an introduction to the calculus. Admission requires passing of a qualifying examination in algebra given during registration week. Recommended: one and one-half years of high school algebra, a year of geometry.

*21 Analytical Geometry 4 credits First semester
The first semester covers analytic geometry and introduces the calculus. Admission requires passing of a qualifying examination in algebra and trigonometry given during registration week. Recommended: two years of high school algebra, one year of plane geometry and trigonometry.

51 *Calculus* 4 credits Each semester
Fundamental principles and application of differential and integral calculus. Prerequisite: Mathematics 11-12 or Mathematics 1-2 with the consent of the instructor.

52 *Calculus* 4 credits Each semester
A continuation of Math. 51. Prerequisite: Math 51.

53 *Calculus* 4 credits Each semester
A continuation of differential and integral calculus and introduction to differential equations. Prerequisite: Math. 52.

**PHYSICS**

1-2 *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 laboratory period per week. Prerequisite: Algebra and Trigonometry or acceptable score on Mathematics Placement Test.

51-52 *Engineering Physics* 5 credits Each semester
This course is intended for students in the physical sciences and in engineering, and must be preceded or accompanied by calculus. Three 1-hour lectures and two 1-hour recitations and one 3-hour laboratory per week.

*A maximum of 10 semester credits will be allowed for any combination of Mathematics 11, 12, 21.*
EDUCATION

1 Introduction to Education 2 credits First 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.

23 Idaho School Law 2 credits Second semester
Idaho School Law, contemporary school problems and the civil government of Idaho are considered in this course.

51-52 Curriculum and Methods 3 credits Each semester
Curriculum and methods of teaching in the elementary grades with attention given to teaching materials and procedures in each area of the curriculum. Open to sophomore cadet teachers.

53 Elementary School Library 2 credits First Semester
A course to acquaint students with the organization and utilization of the elementary school library.

61 Observation and Student Teaching 3-4 credits First semester
Observation and supervised teaching in the schools of Boise. Open to sophomore cadet teachers.

62 Student Teaching 5 credits Second semester
See Education 61 for Course Description.

75 Audio-Visual Aids in Education 2 credits First semester
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.

93 School Organization and Management 3 credits Second semester
A study of the various factors involved in the organizing of the materials and processes of the classroom, the direction and guidance of pupils in their non-instructional activities. Guidance of behavior, problem pupils, classifications, keeping records, giving tests and examinations, and the teacher's professional relationships with administration and other teachers are considered in this course.

98 Foundations of Education 3 credits Second semester
A study of the historical, philosophical and social backgrounds of education as a basis for understanding present practices in public education.
### COURSES

#### Typing
2 credits
Each semester
Recommended elective for all Education majors without previous typing training; students who have gained sufficient proficiency to type a minimum of 50 words per minute will not need to take this course.

#### HISTORY

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Semester</th>
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<tbody>
<tr>
<td>1-2 History of Western Civilization</td>
<td>3</td>
<td>Each semester</td>
</tr>
<tr>
<td>First semester pertains to a study largely of European man, his culture and his ideals, from the beginnings in the civilizations of the ancient Near East through the transformative medieval era and culminating in the Renaissance and Reformation periods (14-16th centuries). The second semester emphasizes modern Western man and his relationship to strong national states in Europe. However, the impact of Western European culture on other parts of the world is also placed in perspective.</td>
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<tr>
<td>21-22 Modern Europe</td>
<td>3</td>
<td>Each semester</td>
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<tr>
<td>Political, social and economic history of Europe from the Renaissance to the present, with emphasis on the period from Congress of Vienna to the present time.</td>
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<tr>
<td>41-42 United States History</td>
<td>3</td>
<td>Each semester and Summer</td>
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<tr>
<td>First semester emphasizes the history of the United States from 1492 to 1865 or from colonization through the Civil War. Second semester emphasizes the history of the United States from the Civil War to the present.</td>
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#### PHILOSOPHY

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Semester</th>
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<tbody>
<tr>
<td>1 Introduction to Philosophy</td>
<td>3</td>
<td>First semester</td>
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<tr>
<td>The main problems in philosophy. Selected readings from the works of several major philosophers.</td>
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<tr>
<td>2 Introduction to Philosophy</td>
<td>3</td>
<td>Second semester</td>
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<tr>
<td>A continuation of Philosophy 1.</td>
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<tr>
<td>61 Ethics</td>
<td>3</td>
<td>Each semester</td>
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<tr>
<td>The development of ethical thought, with the object of deriving a standard for governing individual and social conduct.</td>
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<tr>
<td>71 Logic</td>
<td>3</td>
<td>Second semester</td>
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<tr>
<td>Valid and invalid methods of reasoning with special attention to the function of logic in the methods of science. Prerequisite: Sophomore standing or Philosophy 1.</td>
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#### POLITICAL SCIENCE

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<tr>
<th>Course</th>
<th>Credits</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>1-2 American Government</td>
<td>3</td>
<td>Each semester</td>
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<tr>
<td>The organization, function, dynamics, and role of government, national, state, and local, in the United States today.</td>
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<tr>
<td>21-22 Political Theory</td>
<td>3</td>
<td>Each semester</td>
</tr>
<tr>
<td>51-52 Comparative Government</td>
<td>3</td>
<td>Each semester</td>
</tr>
<tr>
<td>A functional study of the diversity of government and politics in the major foreign nations of the world. Great Britain, France</td>
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</tbody>
</table>
and Germany—fall semester; Soviet Union, China and India—spring semester. Recommended preparation: a high school or college course in American Government.

62 Political, Economic and Social Institutions of the Soviet Union 3 credits  First semester
An analysis of the governmental institutions and political processes in the Soviet Union; a study of Soviet theory, structure and function of the Communist party and their impact upon Russian society.

80 International Relations 3 credits  Second semester
A study of the nature of relations among nations, with particular reference to contemporary international issues; an analysis of motivating factors, including nationalism, imperialism, fascism, communism and liberalism; a study of the problem of national sovereignty and its relation to international cooperation.

**PSYCHOLOGY**

1 General Psychology 3 credits  Second semester
The first half of an introductory course in psychology. Psychology 1 and 2 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, industrial differences, motivation, emotion, adjustment, learning, perception, and thinking. Recommended preparation: one year of college-level science.

2 General Psychology 3 credits  Second semester
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: Psychology 1.

11 Applied Psychology 3 credits  Each semester
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. No prerequisite.

54 Educational Psychology 3 credits  Second semester
The application of psychology to education, with emphasis upon learning conditions for adolescents and pre-adolescents. Special Consideration will be given significant perceptual and response traits. Recommended preparation: Psych. 1, Psych. 11, or Psych 52.

55 Human Growth and Development—Childhood 3 credits  First semester
A survey of the significant factors in development from infancy through childhood. Consideration is given to home, school and community relationships and adjustments. No prerequisite, although Psychology 1 is recommended.

56 Human Growth and Development—Adolescence 3 credits  Second semester
A survey of development factors from early adolescence to adulthood. Consideration is given to growth problems and adjustments, and to the nature of maturity. This course is a continuation of Psychology 55 but is treated as a separate area. No prerequisite, although Psychology 1 and 55 are recommended.
SOCIOLOGY

1 Introduction to the Social Sciences 3 credits Each semester
An orientation course designed to give students an introduction to the economic, social and political principles operative in modern social organizations, and the philosophy underlying them. Designed especially for freshman students.

11-12 General Sociology 3 credits Each semester
A study of the origin and development of human society with special emphasis on social forces, problems and institutions.

42 Marriage and Family Life 2 credits Each semester
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.

52 European Civilization 2 or 4 credits
An introductory course to a Western European tour to take place during the following summer months; provides a survey of the geographical, political, historical, and sociological features of life in Western Europe, its elements of uniformity and diversity and its differences from America. The credit allowance in this course is subject to the student's participating in the European tour and doing the required work. Maximum credit allowance for the participation in the tour and attendance in the course is 6 credits in Art 17 and Soc. 52 with the understanding that not more than 4 can be earned in either field. The course is open on an audit basis for other interested students.

71 Introduction to Anthropology 3 credits Second semester
The nature and scope of anthropology. Relation to other social sciences. Man as a living organism. Biological evolution; human evolution, races. Culture, its meaning, development, organization.
DIVISION OF VOCATIONAL EDUCATION

CLAUDE WALN, Chairman
Auto Body and Fender: Mr. Trapp
Auto Mechanics: Mr. Snell and Mr. Fleshman
Carpentry: Mr. Krigbaum
Drafting and Design Technician: Mr. Bartley, Mr. Lamb, Mr. Keddy
Machine Shop: Mr. Hager
Practical Nursing: Mrs. Stivers
Welding: Mr. Buchanan

Tuition for Vocational Students:
The State Board for Vocational Education co-operates with Boise Junior College District in financing vocational trade training courses. The Vocational Department is considered as an area school and students are admitted on the resident tuition rate, provided they reside in the state of Idaho.

Objectives of Vocational Education:
a. To provide instruction of a preparatory type in the development of basic manipulative skills, safety judgment, technical knowledge, and related industrial information for the purpose of fitting persons for useful employment in trade and industrial pursuits.
b. To provide instruction of an extension or supplemental type for further development of performance skills, technical knowledge, related industrial information, safety and job judgment for persons already employed in trade and industrial pursuits.
c. To provide training for the student to enter into the life of the community in regard to his social, civic, and industrial relationship.

Admission to Vocational Education:
a. Application for Admission: Fill out an Application for Admission, which can be obtained through the Registrar's Office at Boise Junior College, and send it to Director of the Vocational Education Department.
b. Education Background: Request that the school last attended send your school record to Director of Vocational Education Department.
c. Employment Record: A record of your employment either full time or part time.
d. References (3): School authorities, employers, or interested persons. No relatives accepted.
e. Aptitude Test: Contact the nearest local office of the Employment Security Agency and request a General Aptitude Test Battery to be taken for the Vocation Department of Boise Junior College. Request that the office send the results to the local office of the Employment Security Agency, Boise, Idaho.
f. Personal Interview: Upon furnishing the above data to the Vocational Department, notice will be sent for a personal interview. Arrangements will then be made for an appointment.
g. Photos: Three (3) copies of recent photo of yourself—billfold size (2" x 3") on back of which please sign your name.
h. Physical Examination: Report from your local physician on college form obtained from the Office of the Registrar.
AUTO BODY AND FENDER, AUTO MECHANICS, CARPENTRY, MACHINE SHOP, AND WELDING

11T-12T-13T-14T Shop Practice 10 credits Each semester
Training in the basic skills of hand tools and power machine operations of the craft in which the student is enrolled. Twenty clock hours per week.

21T-22T Communications 2 credits Each semester
Observing, reading, listening, writing, and speaking with particular application to the craft in which the student is enrolled. Three clock hours per week.

31T-32T-33T-34T Related Mathematics 3 credits Each semester
Fundamentals of basic mathematics, algebra, geometry, and trigonometry required in the craft in which the student is enrolled. Four clock hours per week.

41T-42T Related Science 2 credits Each semester
Introduction to physics and chemistry at is relates to job application of the craft in which the student is enrolled. Three clock hours per week.

51T-52T-53T-54T Related Technical Information 2 credits Each semester
Covers information taught best in “over the shoulder” kind of instruction including safety, shop housekeeping, human relations, science, and other closely related subjects in the craft in which the student is enrolled. Three clock hours per week.

DRAFTING AND DESIGN TECHNICIAN

11T-12T-13T-14T Drafting Laboratory 5 credits Each semester
Practice in the use of drafting equipment for making working drawings; descriptive geometry, graphic analysis and application; production drafting. Fifteen clock hours per week.

21T-22T Communications 3 credits Each semester
Observing, reading, listening, writing, and speaking with emphasis on English fundamentals needed by the drafting and design technician. Three clock hours per week.

31T-32T-33T-34T Related Mathematics 4 credits Each semester
Fundamentals of basic mathematics, algebra, geometry, trigonometry and calculus with emphasis on the practical application needed in drafting. Five clock hours per week.

41T-42T-43T Related Science 4 credits Each semester
Includes survey of physics and introduction to mechanics. Four clock hours per week.

51T-52T Human Relations 1 credit Each semester
Human relations; industrial, labor, and community relations. Two clock hours per week.
The student practical nurse training program is a one calendar year course, consisting of 500 hours of classroom and clinical instruction and 1200 hours of clinical experience under supervision on the hospital floors. Graduation from this class qualifies the student to take the national pool examination. Students who pass the examination receive a practical nurse license and are awarded a completion certificate.

Admission:

Entrance requirements are that the student is at least 18 years of age; has completed at least two years of high school if she is under 26 years of age, or has completed the eighth grade or its equivalent if she is over 26 years of age; is in good physical and mental health; and is accepted for training by the local advisory committee for practical nurse training which reviews all applications. Students may be dismissed only upon recommendation of this same committee.

Class work consists of 320 hours in personal and mental hygiene; nursing procedures; nursing ethics and legal aspects; microbiology; body structure and function; community health and sanitation; nutrition, foods, cookery, formulas, diets; general medicines and administration of medicines; medical and surgical nursing care; nursing in communicable diseases; care of mother and child; care of children; care of convalescent, aged and handicapped; and first aid.

Clinical instruction consists of 180 hours in nursing procedures; community health and sanitation; nutrition, food cookery, formulas, diets, general medicines and administration of medicines; medical and surgical nursing care; nursing in communicable diseases; care of mother and child.

Clinical experience under supervision on the hospital floor (as a hospital employee) consists of 1200 hours of orientation, medical nursing, surgical nursing, maternal and infant care, child care, diet kitchen and nursing electives.

*Conforms to the minimum standards as set up by the U. S. Department of Labor, Bureau of Apprenticeship.*
Register of Students

BOISE JUNIOR COLLEGE

GEOGRAPHICAL DISTRIBUTION OF COMPLETE ENROLLMENT FOR SCHOOL YEAR 1959-1960

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SUMMARY OF ENROLLMENT

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INDEX

A.A. Curriculum .......................... 34
Accreditation ................................ 16
Administrative Officers ...................... 5
Admission Requirements—Part II ........... 25
as regular students ........................ 25
as special students .......................... 27
with deficiencies ........................... 28
Agriculture Curriculum ...................... 40
Art courses .................................. 89
Art curriculum ............................... 33
Athletics (see Physical Education) ....... 71
Auto Body and Fender ....................... 47 and 81
Auto Mechanics .............................. 48 and 81

Biology Courses ............................. 68
Board of Trustees ........................... 5
Boise Junior College ........................ 12
cultural advantages ........................ 14
departments of instruction ................... 52
physical plant ............................... 12
planning program ........................... 12
botany courses ............................... 68

Brass instruments .......................... 66
B.S. curriculum .............................. 34
Business curricula ........................... 35 and 46
Business courses ............................ 53
Calendars ................................. Front and back covers
Carpentry .................................... 49 and 81
cello ......................................... 56
Chemistry courses ........................... 73
Classification of Students ................... 29
curriculum—Part III ........................ 32
Departments of Instruction ................. Part IV
Drafting and Design ........................ 49 and 81

Economics ................................... 55
Education courses ........................... 76
Education curriculum ....................... 36
Engineering courses ........................ 74
Engineering curricula ....................... 38
English courses .............................. 57
Entrance Requirements ........................ 25
Estimated Cost ............................... 23

Faculty ....................................... 6
Fees .......................................... 20
board and room .............................. 22
general ....................................... 20
general deposit .............................. 21
housing—married students .................. 15
late registration ............................. 22
student body ................................. 21
tuition ........................................ 21
Forestry courses ............................. 69
Forestry curriculum ........................... 39
French courses ............................... 69
Full-time student ............................ 69

General Information—Part I .................. 11
Geology courses ............................. 73
German courses ............................. 60
Grading system .............................. 28
Graduation—Part II ........................... 31
associate of arts .............................. 31
diploma ........................................ 31
guidance program ............................ 16
Health program .............................. 16
History courses .............................. 77

History of college ........................... 12
Home Economics courses ..................... 69
Home Economics curriculum ................ 46
Housing ....................................... 15

Incompletes .................................. 28

Journalism courses ........................... 61
Library ....................................... 13
Loans ........................................ 19
Machine Shop ................................. 50 and 81
Map of Campus ............................... 4
Mathematics courses .......................... 73
Medical Technology ........................... 45
Music curriculum ............................. 40
Music Education curriculum .................. 41
Music fees ..................................... 22
Music courses ................................. 61

Nursing ....................................... 43, 44 and 71

Organ courses ................................. 64

Permits to register ........................... 25
Philosophy courses ........................... 77
Physical Education curriculum ............... 45
men's P.E. courses ............................ 71
women's P.E. courses .......................... 71
Physical Science ............................. 73 and 74
Physics courses ............................... 73
Piano courses ................................. 63
Political Science courses ...................... 77
Practical nurse training ....................... 82
Pre-Dental Hygiene curriculum ............... 42
Pre-Law curriculum ........................... 42
Pre-Medic curriculum .......................... 42
Pre-Social Work curriculum ................... 43
Probation ...................................... 30
Psychology courses ........................... 78

Refunds ....................................... 23
Register of Students, 1959-60 ................ 83
Regulations—Part II ........................... 23
Scholarship requirements ..................... 28
Scholarships ................................... 16
Secretarial courses ........................... 36
secretarial curriculum ........................ 35 and 47
Semi-Professional curriculum ................. 46
Sociology ...................................... 79
Spanish courses ............................... 69
Student Body fees ............................ 21
Student teaching .............................. 76

Teachers' Certificates ........................ 36
Teacher-training curriculum ................... 36
tuition ........................................ 21
Uniform placement test in English required, .... 57
Veterans admission ............................ 25
Vocational shop courses ....................... 59
Vocational shop curriculum .................... 47

Welding ...................................... 51 and 81
Withdrawals ................................. 31
Woodwind instruments ........................ 66
Zoology courses .............................. 69
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