Whether sculpting of clay or sculpting of a concept, innovation produces personal growth.

PART 4

SCHOOL OF ARTS & SCIENCES

Dean: William J. Keppler, PhD
Associate Dean: Margaret Peek, PhD

PHILOSOPHY

The philosophy of the School is to provide students with quality academic programs in the Arts, Humanities, Sciences, and Social Sciences in addition to establishing innovative curricula and needed programs to meet the constantly changing demands of a highly technological and urban society.

OBJECTIVES

1. To offer programs of study leading to a baccalaureate degree in the Arts — Advertising Design, Art, Communication, English, History, Music, Political Science, Social Science, Social Work, Sociology, Theatre Arts, and in the Sciences — Biology, Chemistry, Construction Management (with the School of Business), Earth Science, Geology, Mathematics, and Physics. Degrees available in the above areas, including the Secondary Education Options offered by all departments, include the Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts (in Art, Art Education, and Advertising Design), Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition), and Master of Arts in Secondary Education with majors in various departments (see School of Education).

2. To offer undergraduate preparation in pre-Engineering, Forestry, and Wildlife Management.

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

ACTIVITIES

THE COLD-DRILL

The Department of English, in addition to offering a chance for students to improve their creative, literary skills by studying under producing authors in classes aimed to increase the student's critical and creative abilities, publishes each year a National prize-winning magazine designed to display the best efforts of both the faculty and student body of Boise State University.

WESTERN WRITERS SERIES

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

PERFORMANCES, EXHIBITIONS, WORKSHOPS

Membership in the various groups and organizations engaged in extracurricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements.

Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and intercollegiate offerings of the Department of Communication including Debate, Reader's Theatre; and productions
of plays from both the classical and modern repertoires in the University's unique Subal Theatre and Special Events Center; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in "American Historical Tours" presented by the University each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART

Liberal Arts Bldg., Rm. 252 Phone 208/385-1230
Chairman and Professor: Dr. Louis A. Peck; Professors: Huff, Killmaster, Kober, Skov, Takehara; Associate Professors: Blankenship, Douglass, Heap, Ochi, Oravez, Roberts, Russell, Watia; Assistant Professors: Benson, Smith, Taye, Taylor; Instructors: Hoopes, Shurtleff

ART MAJOR
Lower Division — All Degrees
(Suggested Program)

I. General Art

FRESHMAN YEAR:

1ST SEM. 2ND SEM.
Basic Design AR 105-106 ................... 3 3
Elementary Drawing AR 111-112 ........... 2 2
Elementary Painting AR 113-114 .......... 2 2
Art History AR 101-102 .................... 3 3
Lettering AR 107 ............................ 2 —
Lettering and Layout AR 108 ............. — 2
English Composition E 101-102 ......... 3 3
History (Area II) ........................... 3 3
Electives .................................... — 3
Total Credit Hours: 16-18 16-18

SOPHOMORE YEAR:

Intermediate Drawing AR 211-212 .......... 2 2
Intermediate Painting AR 215-217, 218, 219 2 2
Intro to Music or Drama (Area I) ......... 3 —
Social Science (Area II) .................. 0 3
Lab Science or Mathematics (Area III) .. 4 4
Electives ................................... 5 5
Total Credit Hours: 16 16

II. Art Education

Freshman Year (see General Art Freshman Year)

SOPHOMORE YEAR:

Intermediate Drawing AR 211 ............. 2 —
Intermediate Painting AR 215, 217, 218, 219 2 2
Foundations of Education TE 201 ......... — 3
General Psychology (Area II) P 101 ....... 3 —
Intro to Music or Drama (Area I) ......... — 3
Lab Science or Mathematics (Area III) .. 4 4
Electives ................................... 5 5
Total Credit Hours: 16 16

III. Advertising Design

Freshman Year (see General Art Freshman Year)

SOPHOMORE YEAR:

Intermediate Drawing AR 211 ............. 2 —
Intermediate Painting AR 215, 217, 218, 219 2 2
Advertising Design AR 203 ............... 2 2
Intro to Music or Drama (Area I) ......... 3 —
Social Science (Area II) .................. — 3
Lab Science or Mathematics (Area III) .. 4 4
Electives ................................... 3 5
Total Credit Hours: 16 16

I. General Art — Bachelor of Arts Program

1. General University & Basic Core Requirements .... 51
2. Art Major Requirements
   a) Art Major Requirements
      Painting and/or Watercolor AR 113, 114, 217, 218 .................. 6
      Art History AR 105, 106 ........................................ 6
      Ceramics AR 225 .............................................. 4
      Sculpture AR 231 .............................................. 2
      Printmaking AR 209 ........................................... 2
      Art Metals AR 221 ............................................ 2
      Senior Seminar AR 498 ........................................ 3
      Art Electives .................................................. 3
      Total Credit Hours: 29-34 128

3. Electives ....................................................... 15-13

4. Electives ....................................................... 126

II. Art Education — Bachelor of Arts Program

1. General University & Basic Core Requirements .... 51
2. Art Major Requirements
   a) Art Major Requirements
      Advertising Design .......................................... 10
      Watercolor and/or Painting .................................. 8
      Drawing ....................................................... 6
      Advertising Illustration .................................... 6
      Design ....................................................... 6
      Lettering/Lettering & Layout .............................. 4
      Art History .................................................. 6
      Printmaking .................................................. 2
      Creative Photography ....................................... 2
      Senior Seminar ............................................. 3
      Total Credit Hours: 29-34 126

3. Electives ....................................................... 24

I. General Art—Bachelor of Fine Arts Degree

1. General University & Core Requirements .... 32
2. a) Art Major Requirements
   Painting ....................................................... 8
   Drawing ....................................................... 8
   Art History ................................................... 12
   Watercolor ................................................... 4
   Design ....................................................... 6
   Printmaking .................................................. 2
   Sculpture .................................................... 2
   Ceramics ..................................................... 2
   Art Metals ................................................... 2
   Senior Seminar ............................................. 3
   Total Credit Hours: 29-34 128

3. Electives ....................................................... 15-13

4. Electives ....................................................... 126

I. General University & Basic Core Requirements .... 51
2. Art Major Requirements
   a) Art Major Requirements
      Painting ....................................................... 8
      Drawing ....................................................... 8
      Art History ................................................... 12
      Watercolor ................................................... 4
      Design ....................................................... 6
      Printmaking .................................................. 2
      Sculpture .................................................... 2
      Ceramics ..................................................... 2
      Art Metals ................................................... 2
      Senior Seminar ............................................. 3
      Total Credit Hours: 29-34 128

3. Electives ....................................................... 24

4. Electives ....................................................... 126

I. General University & Basic Core Requirements .... 51
2. Art Major Requirements
   a) Art Major Requirements
      Painting ....................................................... 8
      Drawing ....................................................... 8
      Art History ................................................... 12
      Watercolor ................................................... 4
      Design ....................................................... 6
      Printmaking .................................................. 2
      Sculpture .................................................... 2
      Ceramics ..................................................... 2
      Art Metals ................................................... 2
      Senior Seminar ............................................. 3
      Total Credit Hours: 29-34 128

3. Electives ....................................................... 24

4. Electives ....................................................... 126

I. General University & Basic Core Requirements .... 51
2. Art Major Requirements
   a) Art Major Requirements
      Painting ....................................................... 8
      Drawing ....................................................... 8
      Art History ................................................... 12
      Watercolor ................................................... 4
      Design ....................................................... 6
      Printmaking .................................................. 2
      Sculpture .................................................... 2
      Ceramics ..................................................... 2
      Art Metals ................................................... 2
      Senior Seminar ............................................. 3
      Total Credit Hours: 29-34 128

3. Electives ....................................................... 24

4. Electives ....................................................... 126
b) Major Emphasis
A total of 20 credit hours in any Art Field will constitute the major requirements and a total of 14 credit hours in a second Art area will constitute the minor emphasis.

3. Electives .................................. 31

II. Art Education — Bachelor of Fine Arts. Refer to pg. 104 for complete information.

1. General University & Core Requirements .......................... 32

2. a) Art Major Requirements

| Painting | 8 |
| Drawing | 8 |
| Art History | 9 |
| Watercolor | 4 |
| Design | 6 |
| Printmaking | 2 |
| Sculpture | 2 |
| Ceramics | 2 |
| Crafts | 2 |
| Lettering | 2 |

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

b) Major Emphasis
A total of 14 credit hours from any Art field will constitute the Major Emphasis.

3. Education Requirements for Qualification Toward State Certification
Educating Exceptional Secondary Students TE 333 .......................... 1
Foundations of Education .................................. 3
Reading in Content Subject TE 307 .................................. 3
Secondary School Methods .................................. 3
Educational Psychology .................................. 3
Art Methods in Secondary Schools .................................. 3
Elementary School Art Methods .................................. 3
Secondary School Teaching ................................. 9-14

29-34

4. Electives .................................. 27-25

III. Art/Advertising Design — Bachelor of Fine Arts Degree

Advertising Design Emphasis

1. General University & Core Requirements .......................... 32

2. Art Major Requirements

| Art/Advertising Design | 10 |
| Painting | 8 |
| Drawing | 8 |
| Watercolor | 4 |
| Design | 6 |
| Sculpture, Ceramics, Art Metals | 4 |
| Lettering/ Lettering & Layout | 4 |
| Art History | 12 |
| Creative Photography | 2 |
| Printmaking | 2 |
| Advertising Illustration | 6 |
| Senior Seminar | 3 |

27

3. Professional Electives .................................. 128*

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

** A total of 6 credits, 2 of each in Drawing, Painting, and Design may be applied to the 20 hour major requirement; in the area of Watercolor, Ceramics, Sculpture, Printmaking, Crafts, and Photography, Art History.

PRE-ARCHITECTURAL PROGRAM

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

Art Courses

| Introduction to Art AR 103 | 3 |
| Basic Design AR 105-106 | 6 |
| Drawing AR 111-112 | 4 |

SCHOOL OF ARTS & SCIENCES

Spec. Topics: Design & The Creative Process AR 297 .......................... 2
Interior Decorating AR 131 .................................. 2
Spec. Topics: Architectural Graphic Communication AR 297 .......... 2
Spec. Topics: Basic Architectural Design AR 297 .................. 2
Materials & Methods AR 290 .................................. 3
Watercolor AR 217 .................................. 2

Engineering Courses

Technical Drawing EN 101 .................................. 2
Digital Computer Program EN 104 .................................. 2

English Courses

English Composition EM 101-102

Mathematics Courses

Algebra & Trigonometry M 111 .................................. 4
Calculus & Analytical Geometry M 204

Physics Courses

General Physics PH 101-102

Physical Education Requirements may be necessary

COURSE OFFERINGS

AR ART

The Art Department reserves the right to withhold selected student work for the Permanent Collections. Certain Art courses are subject to lab fee. Several courses may be "repeated" for credit. This should be interpreted, "taken again" for credit, not to raise a D or F grade.

LOWER DIVISION

AR 100 Basic Drawing and Painting For Non-Art Majors (0-4-2) (F/S). A one semester course with emphasis on media, techniques, and philosophy designed to acquaint the general college student with the basic fundamentals of drawing and painting.

AR 101 Survey of Western Art (3-0-3) (Area I). A historical survey of Painting, Sculpture, and Architecture from Prehistoric Art through the Middle Ages.

AR 102 Survey of Western Art II (3-0-3) (Area I). A historical survey of Painting, Sculpture, and Architecture from the Renaissance to the present.

AR 103 Introduction to Art (3-0-3) (F/S). A one-semester course designed to acquaint the general college student with the aesthetics of Painting, Sculpture, Architecture, and related Art forms.

AR 105 Basic Design (2-2-3) (Area I). A two or three dimensional theoretical and applied study of the basic design elements underlying all Art areas.

AR 106 Basic Design (2-2-3) (Area I). A continued exploration of either two or three dimensional design elements. Emphasis on the theoretical and applied study of the structural organization underlying two or three dimensional art forms. Advisable to take AR 105 prior to AR 106.

AR 107 Lettering (0-4-2) (F/S). A study of lettering techniques and various alphabetical forms; emphasis upon modern styles, spacing and layout.

AR 108 Lettering and Layout (0-4-2) (F/S). A study of layout typography, and lettering techniques used in advertising design, for advertising design majors. Advisable to take AR 107 prior to AR 108.

AR 111 Drawing (0-4-2) (F/S). A study of line, chiaroscuro, space, volume, and perspective, utilizing a variety of media; still life, landscape, plant, animals and other subject matter may be used. Limited enrollment fall semester.

AR 112 Drawing (4-6-3) (SU). Continuation of AR 111 with an emphasis on more advanced drawing problems. Compositional imaginative, or semi-abstract work may be done. Artistic ability and the ability to see shall be utilized.

AR 123 Painting (2-4-2) (F/S). A study of basic techniques of painting in oil, acrylic or other media as determined by instructor. Students will learn to represent form and space through study of value relationships and through use of monochromatic color. Still life and other subject matter will be used. Advisable to take AR 111 Drawing concurrently with AR 113. Limited enrollment spring semester.

AR 131 Interior Decorating (0-6-3) (F/S). A study of basic principles of interior decoration. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture.
AR 203 Advertising Design (0-4-2) (F). Special assignments in various techniques employed in advertising, commercial problems in layout, typograph, and reproduction processes will be emphasized. Advisable to take AR 205, 106, 107 and 108 prior to AR 203.

AR 204 Advertising Design (0-4-2) (S). Advanced work in various techniques employed in advertising and commercial art. Advisable to take AR 203 prior to AR 204.

AR 209 Introduction to Printmaking (0-4-2) (F/S). A course designed to acquaint the student with methods of reproducing creative work in woodcut, lithography, and intaglio. Advisable to have some experience in drawing and design.

AR 210 Printmaking (0-4-2), (F/S). This course is designed to be a transitional class between introduction to printmaking AR 209, and the advanced classes AR 309. Emphasis will be placed on the use of the techniques to accommodate one's own personal statement while utilizing sound design practices.

AR 211 Anatomy (0-2-2) (F/S). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Model fee. Prerequisite: AR 111-112.

AR 212 Life Drawing (0-4-2) (F/S). Further study from the model with increased emphasis on anatomy, expression drawing, and composition. Model fee. Prerequisite: AR 211.

AR 215 Painting (0-4-2). More advanced painting problems in realism and abstraction, with some independent work. Oil, acrylic or other media may be used. May be repeated once for credit. Prerequisite: AR 113 and AR 114.

AR 217 Painting-Watercolor (0-4-2) (F). Major emphasis will be in the use of transparent watercolor. Work can be outdoors from nature as well as studio work.

AR 218 Painting-Watercolor (0-4-2) (S). Introduction to experimental techniques in the use of color. Watercolor media. Work will be outdoors from nature as well as studio work. Advisable to take AR 217 prior to AR 218.

AR 219 Portrait and Figure Painting (0-4-2). Painting from models with an emphasis on one-point perspective, approval of study in form, color and composition as they relate to the human figure. Model fee. Advisable to take AR 114 and 112 prior to AR 219. May be repeated once for credit.

AR 221 Art Metals (0-4-2) (F). A creative exploration in design and construction problems. Various materials will be utilized with primary emphasis on jewelry design and metals. Craftsmanship and the care and usage of tools will be stressed.

AR 222 Art Metals (0-4-2) (S). Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized.

AR 223 Ceramics (0-4-2) (F). An introduction to ceramics technique and materials. Wheel-forming, hand building, decoration, glazing and firing will be given. Enrollment is limited. Advisable to take AR 105 and 106 prior to AR 223.

AR 226 Ceramics (0-4-2) (S). Beginning the use of the potter's wheel, molding, casting and constructing. Advisable to take AR 105 and 106 prior to AR 226.

AR 231 Sculpture (0-4-2) (F). A work in a variety of three-dimensional material with emphasis on the techniques of carving, modeling.

AR 232 Sculpture (0-4-2) (S). Continued work in a variety of three-dimensional materials with emphasis on the techniques of carving, modeling.

AR 251 Introduction to Creative Photography (2-2-2) (F/S). An aesthetic approach to the basic photographic skills of camera operation, film development, and enlargement of negatives. All work in black and white. Adjustable camera required.

AR 252 Materials and Methods of Architecture (3-0-3) (S). This course is designed to enable students to identify construction materials, elements, and systems; to locate theoretical and proprietary information about them and to sketch sections of various construction elements and combinations thereof. At completion, they should be able to select materials based on physical and psychological criteria and design with sensitivity to the appropriate use of various materials.

AR 301 Nineteenth Century Art History (3-3-3) (F). A study of important artists and movements from Neoclassicism through Post-impressionism. Critical writings will be assigned.

AR 302 History of Twentieth Century Movement in Art (3-0-3) (S). An analysis of important European artistic movements up to World War II, including Fauvism, German expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. Critical writings will be assigned.

AR 303 Studio in Advertising Design (0-6-3) (F). Advanced study of the design and preparation of art for reproduction, techniques and studio practice. Advisable to take AR 203 and 204 prior to AR 303. May be repeated once for credit.

AR 305 Studio in Visual Design (0-6-3) (F/S). Advanced exploration of two-dimensional or three-dimensional design, continuing with problems in line, form, color, texture, and space. Advisable to take AR 105 and 106 prior to AR 305.

AR 307 Studio in Metalsmithing (3-2-3) (F/S). Advanced study in metalsmithing. Advanced study in jewelry making and metalsmithing with special emphasis on forging, stonesetting, cutting, and mechanical techniques as further personal development of craftsmanship. May be repeated once for credit. Prerequisite: AR 221, 222.

AR 309 Studio in Printmaking (0-6-3). Introduction to color printing and advanced printmaking in any of the following specialized areas, each of which may be repeated once for credit: lithography, intaglio, serigraphy, and relief printing.

AR 311 Advanced Drawing (0-6-3) (F/S). Structural, interpretive, or compositional study from the model or other subject matter, based on individual interests. Model fee. May be repeated once for credit. Prerequisite: AR 212.

AR 315 Studio in Painting (0-6-3). Creative work in representational or non-representational areas in any media. May be repeated once for credit. Prerequisite: AR 215.

AR 317 Painting-Watercolor (0-6-3) (F). Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 217 and 218 prior to AR 317.

AR 318 Painting-Watercolor (0-6-3) (S). Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 317 prior to AR 318.

AR 319 Portrait and Figure Painting (0-6-3). Painting from models in realistic or semi-abstract styles based on individual interests. Model fee. May be repeated for credit. Prerequisite: AR 219 and Upper Division status.

AR 321 Elementary School Art Methods (2-2-3) (F/S). For students expecting to teach in elementary schools. This course is especially designed to help prospective teachers create outlines and develop techniques for creating art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression is stressed.

AR 325 Studio in Ceramics (6-3) (F/S). Advanced study in the materials of ceramics with emphasis on the exploration of clays, glasses, and firing as it applies to the creative artist or teacher. Advisable to take AR 225 and 226 prior to AR 325. Individual instruction will be given. May be repeated once for credit.

AR 326 Studio in Sculpture (0-6-3) (F/S). Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Advisable to take AR 231 and 232 prior to AR 326. May be repeated once for credit.

AR 341 Studio in Creative Photography (2-4-3) (F/S). Advanced study of photographic techniques. Emphasis on the creative approach to picture taking and printing. Adjustable camera required. Advisable to take AR 251 prior to AR 341.

AR 344 Studio in Creative Photography, Color Printing (2-4-3) (F/S). Advanced study of photographic techniques; emphasis on the creative approach to picture taking and printing in color. Adjustable camera required. May be repeated for credit. Prerequisite: AR 251 or PERM/INST.

AR 345 Studio in Creative Photography (4-3-3) (F/S). Advanced study emphasizing techniques of color slides. Color theory and composition will be covered in the course as well as the processing of slides and various methods of projections. Various approaches to lighting and laboratory work will be taught. Adjustable camera required. May be repeated for credit. Prerequisite: AR 251 or PERM/INST.

AR 351 Secondary School Art Methods (2-2-3) (F). Art education on the junior high school and senior high school levels. Includes current literature in art education, budgeting, curriculum, planning.

AR 351 Studio in Advertising Illustration (6-3-3) (F/S). Advanced study emphasizing techniques and methodology of illustrating finished art for ads. Fundamental approaches to story, product, fashion and decorative illustration with emphasis on building a portfolio. Advisable to take AR 203 and 204 prior to AR 351. May be repeated for credit.


AR 409 Studio in Printmaking (3-0-3) (F/S). Individual problems in any of the following areas; woodcut, lithography, intaglio, and serigraphy. May be repeated for credit.

AR 411 Drawing Studio (6-3-3) (F/S). Individual problems in drawing. Model fee. May be repeated for credit. Prerequisite: AR 211.

AR 415 Studio in Painting (9-6-3) (F/S). Individual problems in painting in any media. Students will participate in one-person senior show projects. May be repeated for credit. Prerequisite: AR 315.

AR 417 Studio in Painting-Watercolor (6-3-3) (F/S). Advanced study in selected watercolor media. Advisable to take AR 317 and 318 prior to AR 417. May be repeated for credit.

AR 419 Studio in Metals (6-3-3) (F/S). Advanced study in metals and methods (advanced) of jewelry making and metalsmithing as they apply to the creative artist and teacher. May be repeated for credit. Prerequisite: AR 221, 222, 307.

AR 423 Studio in Ceramics (6-3-3) (F/S). Continued study in the materials of ceramics with emphasis on the exploration of clays, glasses, and firing as it applies to the creative artist or teacher. Advisable to take AR 325 and 326 prior to AR 425. Individual instruction will be given. May be repeated for credit.

AR 431 Studio in Sculpture (6-3-3). Continued study in the material and methods of the sculptor with emphasis on welded steel and casting. Advisable to take two semesters of AR 311 prior to AR 431. May be repeated for credit.

AR 441 Studio in Creative Photography (2-4-3) (F/S). Individual problems in black and white photography. Advisable to take AR 251 and AR 341. May be repeated for credit.

AR 498 Senior Seminars (3-0-3) (F/S). Required reading and written and oral reports relative to the senior art major's area of interest within the visual arts.
BIOLOGY MAJOR
Bachelor of Science
(Suggested Program)

1. General University and Baccalaureate Degree
Requirements — see pages 31-33 30

2. Major Requirements 37-40
A. Biology
1. Biology Core
   General Botany BT 130 4
   General Zoology Z 130 5
   Cell Biology B 225 3
   Biology Seminar B 498, 499 1

2. Physiology — one course
   Plant Physiology BT 401 4
   Human Physiology Z 401 4
   General & Comparative Physiology Z 409 4

3. Morphology — one course
   Plant Anatomy BT 302 3
   Plant Morphology BT 311 3
   Comparative Vertebrate Anatomy Z 301 4
   Vertebrate Embryology Z 351 4
   Vertebrate Histology Z 400 4

4. Natural History — one course
   General Parasitology B 412 3
   Systematic Botany BT 201 4
   Entomology Z 305 4
   Invertebrate Zoology Z 307 4
   Vertebrate Natural History Z 355 4

5. Biology/Microbiology — one course
   Microbiology B 205 4
   General Bacteriology B 303 3
   Genetics B 343 3-4
   Organic Evolution B 401 3
   Bioecology B 423 3-4

6. Biology Electives to total 45 credits 15-19
   A maximum of 4 credits of independent study may be counted towards fulfillment of the Biology Electives.

B. Chemistry
1. College Chemistry C 131-134 9
2. Organic Chemistry C 317, 319 5

C. Mathematics 10

Actual courses will vary depending on the goals of the particular student, but typically any of the following courses could be used to satisfy this requirement:
   Algebra and Trigonometry M 111 5
   Calculus and Analytic Geometry M 204 5

3. Recommended Electives 29
   1. Area I & II Electives
   2. Biochemistry C 431, 432
   3. Introduction to Biophysics PH 207
   4. Earth Science Electives

BIOLOGY MAJOR
SECONDARY EDUCATION OPTION
Bachelor of Science
(Suggested Program)

1. General University and Baccalaureate Degree
Requirements — see pages 31-33 30

2. Major Requirements 41-44
A. Biology
1. Biology Core
   General Botany BT 130 4
   General Zoology Z 130 5
   Cell Biology B 225 3
   Biology Seminar B 498, 499 1

2. Physiology — one course
   Plant Physiology BT 401 4
   Human Physiology Z 401 4
   General & Comparative Physiology Z 409 4

3. Morphology — one course
   Plant Anatomy BT 302 3
   Plant Morphology BT 311 3
   Comparative Vertebrate Anatomy Z 301 4
   Vertebrate Embryology Z 351 4
   Vertebrate Histology Z 400 4

4. Natural History — one course
   General Parasitology B 412 3
   Systematic Botany BT 201 4
   Entomology Z 305 4
   Invertebrate Zoology Z 307 4
   Vertebrate Natural History Z 355 4

5. Biology/Microbiology — one course
   Microbiology B 205 4
   General Bacteriology B 303 3
   Genetics B 343 3-4
   Organic Evolution B 401 3
   Bioecology B 423 3-4

6. Biology Electives to total 45 credits 15-19
   A maximum of 4 credits of independent study may be counted towards fulfillment of the Biology Electives.

B. Chemistry
1. College Chemistry C 131-134 9
2. Organic Chemistry C 317, 319 5

C. Mathematics

3. Education Requirements to include Science Methods — see page 104 25-30
4. Electives 4-12

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

II. Secondary Education Option — Major Endorsement
1. General University and Baccalaureate Degree
   Requirements — see pages 31-33 30

2. Major Requirements 58-61
A. Biology
1. Biology Core
   General Botany BT 130 4
   General Zoology Z 130 5
   Cell Biology B 225 3
   Biology Seminar B 498, 499 1

2. Physiology — one course
   Plant Physiology BT 401 4
   Human Physiology Z 401 4
   General & Comparative Physiology Z 409 4

3. Morphology — one course
   Plant Anatomy BT 302 3
   Plant Morphology BT 311 3
   Comparative Vertebrate Anatomy Z 301 4
   Vertebrate Embryology Z 351 4
   Vertebrate Histology Z 400 4

4. Natural History — one course
   General Parasitology B 412 3
   Systematic Botany BT 201 4
   Entomology Z 305 4
   Invertebrate Zoology Z 307 4
   Vertebrate Natural History Z 355 4

5. Biology/Microbiology — one course
   Microbiology B 205 4
   General Bacteriology B 303 3
   Genetics B 343 3-4
   Organic Evolution B 401 3
   Bioecology B 423 3-4

6. Biology Electives to total 45 credits 15-19
   A maximum of 4 credits of independent study may be counted towards fulfillment of the Biology Electives.

B. Chemistry
1. College Chemistry C 131-134 9
2. Organic Chemistry C 317, 319 5

C. Mathematics 10

3. Recommended Electives 29
   1. Area I & II Electives
   2. Biochemistry C 431, 432
   3. Introduction to Biophysics PH 207
   4. Earth Science Electives

JUNIOR YEAR:
   Electives (Area I, II) 3
   Biology Electives 8
   Other Electives 8

SENIOR YEAR:
   Biology Seminar B 498 4
   Biology Electives 8
   Other Electives 8

BIOLOGY MAJOR
SECONDARY EDUCATION OPTION
Bachelor of Science
(Suggested Program)

1. General University and Baccalaureate Degree
Requirements — see pages 31-33 30

2. Major Requirements 61-64
A. Biology
1. Biology Core
   General Botany BT 130 4
   General Zoology Z 130 5
   Cell Biology B 225 3
   Biology Seminar B 498, 499 1

2. Physiology — one course
   Plant Physiology BT 401 4
   Human Physiology Z 401 4
   General & Comparative Physiology Z 409 4

3. Morphology — one course
   Plant Anatomy BT 302 3
   Plant Morphology BT 311 3
   Comparative Vertebrate Anatomy Z 301 4
   Vertebrate Embryology Z 351 4
   Vertebrate Histology Z 400 4

4. Natural History — one course
   General Parasitology B 412 3
   Systematic Botany BT 201 4
   Entomology Z 305 4
   Invertebrate Zoology Z 307 4
   Vertebrate Natural History Z 355 4

5. Biology/Microbiology — one course
   Microbiology B 205 4
   General Bacteriology B 303 3
   Genetics B 343 3-4
   Organic Evolution B 401 3
   Bioecology B 423 3-4

6. Biology Electives to total 45 credits 15-19
   A maximum of 4 credits of independent study may be counted towards fulfillment of the Biology Electives.

B. Chemistry
1. College Chemistry C 131-134 9
2. Organic Chemistry C 317, 319 5

C. Mathematics 10

3. Education Requirements to include Science Methods — see page 104 25-30
4. Electives 4-12

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

III. Secondary Education Option — Minor Endorsement
1. General University and Baccalaureate Degree
   Requirements — see pages 31-33 30

2. Major Requirements 30

3. Minor Endorsement in Biology
   General Biology B 101, 102 8-9
   or General Botany BT 130 and
   General Zoology Z 130
   Systematic Botany BT 201
   Concepts of Anatomy & Physiology Z 107 4
   Genetics, Lab B 343, B 344 4
   or Vertebrate Natural History Z 355

4. Education Requirements — see pages 104, 105 25-30
5. Electives 13-18
## SCHOOL OF ARTS & SCIENCES

### SENIOR YEAR:

- **Biology Seminar**
- **Biology Electives**
- **Education Courses**
- **Other Electives**

### FRESHMAN YEAR:

- **English Composition E 101-102**
- **General Botany BT 130**
- **General Zoology Z 130**
- **Essentials of Chemistry C 107-110**
- **Mathematics**

### SOPHOMORE YEAR:

- **General Physics PH 101, 102**
- **General Forestry FS 101**
- **Systematic Botany BT 201**
- **Fundamentals of Speech CM 111**
- **Basic Surveying EN 215**
- **Digital Computer Programming EN 104**
- **Principles of Economics EC 201-202**
- **Physical Education**

### COURSE OFFERINGS

#### B BIOLOGY

##### LOWER DIVISION

- **B 100 Concepts of Biology (3-2-4) (F/S) (Area Ill)**
- **B 101, 102 General Biology (3-2-4) (F/S) (Area Ill)**
- **B 200 Man and the Environment (3-0-3) (F/S)**
- **B 205 Microbiology (3-2-4) (F/S)**
- **B 225 Cell Biology (3-0-3) (F/S)**

##### UPPER DIVISION

- **B 303 General Bacteriology (3-6-5)**
- **B 365 Teaching Science in the Secondary School (3-0-3)**
- **B 319 Pathogenic Bacteriology (2-6-4) (S)**
- **B 343 Genetics—Lecture (3-0-3)**
- **B 344 Genetics Laboratory (0-3-1)**

### BT BOTANY

- **B 115 Mushrooms of Idaho (2-0-2) (F)**
- **B 130 General Botany (3-3-4) (F/S) (Area Ill)**
- **B 336 Mycology (3-3-4) (F)**
- **B 401 Plant Physiology (3-3-4)**

### FS FORESTRY

- **FS 101 General Forestry (2-0-2) (S)**

### Z ZOOLOGY

- **Z 107 Concepts of Human Anatomy and Physiology (3-2-4) (F/S)**
- **Z 111, 112 Human Anatomy and Physiology (3-3-4)**
- **Z 130 General Zoology (3-6-5) (Area III)**

### PREFERENCES AND WILDLIFE MANAGEMENT

This program is designed to satisfy the Lower Division coursework typically completed during the freshman and sophomore year in a School of Forestry. Students wishing to earn a bachelor's degree in this area of study usually transfer to the University of Idaho School of Forestry for their junior and senior years.
Z 301 Comparative Vertebrate Anatomy (2-6-4) (F). The evolutionary development of vertebrate anatomy, fishes through mammals. Dissection of the shark, salamander and cat plus demonstrations of other vertebrate types. Prerequisite: Z 130, PERM/INST.

Z 305 Entomology (2-6-4) (F). Biology of insects with emphasis on identification and life cycles. Laboratory includes field trips to collect and identify local species. Insect collection required. Students should meet with instructor the spring semester before enrolling to receive directions on how to properly collect if they wish to take advantage of the more productive summer months. Prerequisite: B 225, PERM/INST.

Z 307 Invertebrate Zoology (2-6-4) (S). Morphology, taxonomy, and natural history of the marine invertebrate animals and terrestrial arthropods exclusive of the insects. Offered in alternate years. Prerequisite: Z 130, PERM/INST.

Z 341 Ornithology (2-3-3) (S). Birds as examples of biological principles: classification, identification, ecology, behavior, life histories, distribution, and adaptations of birds. Two weekend field trips. Offered alternate years. Prerequisite: Z 130, PERM/INST.

Z 351 Vertebrate Embryology (2-6-4) (S). Germ cell development, comparative patterns of cleavage and gastrulation, neurulation and induction, and development of human organ systems. Laboratory studies of frog, chick, and pig development. Prerequisite: BT 201, 202, C 317, PERM/INST.

Z 355 Vertebrate Natural History (2-6-4) (F). Classification, identification, evolution, ecological relationships, behavior, and life histories of fish, amphibians, reptiles, birds, and mammals. Two weekend field trips. Prerequisite: Z 130, PERM/INST.

Z 361 Microtechnique (1-6-3) (S). Theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and whole mounts, and histochimical techniques. Offered alternate years. Prerequisite: Z 130, PERM/INST.

Z 400 Vertebrate Histology (2-6-4) (F). Microscopic anatomy of cells, tissues, and organ systems of vertebrates. Major emphasis will be on mammalian systems. Z 301 or Z 351 are recommended prior to enrollment. Prerequisite: B 225, PERM/INST.

Z 401 Human Physiology (3-3-4) (S). Functional aspects of human tissue and organ systems with emphasis on regulatory and homeostatic mechanisms. Prerequisite: B 225, C 317, PERM/INST.

Z 465 General and Comparative Physiology (3-3-4) (S). Physiological principles common to all forms of animal life are discussed. Physiological adaptations required to live in a variety of environments are presented. Prerequisite: B 225, C 317, PERM/INST.

Z 411 Ichthyology (3-3-4) (F). A survey of the fishes with emphasis on their taxonomic identification, morphology, physiology, ecology, and economic role. Offered alternate years. Prerequisite: Z 351, PERM/INST.

Z 421 Mammalogy (2-3-3) (S). Mammals as examples of biological principles: classification, identification, distribution, ecology, life histories, and adaptations of mammals. Two weekend field trips. Offered alternate years. Prerequisite: Z 355, PERM/INST.

DEPARTMENT OF CHEMISTRY
Science-Education Bldg., Rm. 315
Phone 208/385-3963
Chairman and Professor: Mr. Jack L. Dalton; Professors: Banks, Carter, Ellis, Hibbs, Peterson, Stark; Associate Professors: Matjeka, Mercer.

The Department of Chemistry offers Baccalaureate Degree programs in Chemistry to prepare students to:
- teach Chemistry in secondary schools
- enter a career in the Chemistry Laboratory
- attend a graduate school in Chemistry or Biochemistry
- attend a professional school in medicine

The Chemistry curriculum of Boise State University offers an education based upon the requirements of industry, educational institutions, and governmental agencies, while emphasizing the individual needs and capabilities of each student. The staff of the Chemistry Department recognizes that students are most successful if their training has prepared them for a specific career field, but also recognizes that a broad background affords the best opportunity for a future career selection.

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:
   This degree prepares the student for employment as a chemist or for admission to medical school.
   1. General University and Baccalaureate Degree Requirements. See pages 31.
      A. Chemistry
         College Chemistry C 131, 132, 133, 134 .................. 44
         Organic Chemistry C 317, 318, 319, 320 .................. 10
         Physical Chemistry C 321, 322, 323, 324 .................. 8
         Quantitative Analysis C 211, 212 .................. 5
         Advanced Inorganic Chemistry C 401 .................. 3

SCHOOL OF ARTS & SCIENCES

Instrumental Analysis C 411 .................. 4
Chemistry Seminar C 498, 499 .................. 2
Independent Study C 496 .................. 2
B. Mathematics .................. 10-18
   Completion of Mathematics through Calculus M 206
   C. Physics PH 220, 221, 222, 223, 224 .................. 11

3. Recommended Electives
   Upper Division Mathematics
   Upper Division Physics
   Life Science Courses

(Suggested Program)

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101, 102</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry C 131, 132, 133, 134</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics M 111, 204</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Physics I PH 220</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>15-15-16</td>
</tr>
</tbody>
</table>

Sophomore Year:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantitative Analysis C 211, 212</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics M 205, 206</td>
<td>4</td>
</tr>
<tr>
<td>Physics II and III PH 221, 222</td>
<td>3</td>
</tr>
<tr>
<td>Physics Lab I and II PH 223, 224</td>
<td>1</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
</tr>
<tr>
<td>-</td>
<td>16-17</td>
</tr>
</tbody>
</table>

Junior Year:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Chemistry C 321, 322, 323, 324</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry C 317, 318, 319, 320</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements or Electives</td>
<td>6-8</td>
</tr>
<tr>
<td>-</td>
<td>15-17</td>
</tr>
</tbody>
</table>

Senior Year:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry Seminar C 498, 499</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Inorganic Chemistry C 401</td>
<td>3</td>
</tr>
<tr>
<td>Instrumental Analysis C 411</td>
<td>-</td>
</tr>
<tr>
<td>Independent Study C 496</td>
<td>1</td>
</tr>
<tr>
<td>Degree Requirements or Electives</td>
<td>12-9</td>
</tr>
<tr>
<td>-</td>
<td>15-15</td>
</tr>
</tbody>
</table>

II. Secondary Education Option:
   This degree program prepares the student to teach Chemistry in secondary schools.
   1. General University and Baccalaureate Degree Requirements. See page 31.
   2. Major Endorsement Requirements
      A. Chemistry
         College Chemistry C 131, 132, 133, 134 .................. 44
         Quantitative Analysis C 211, 212 .................. 9
         Organic Chemistry C 317, 318, 319, 320 .................. 10
         Physical Chemistry C 321, 322, 323, 324 .................. 8
         Additional Upper Division Course(s) (S) .................. 3-4
      B. Mathematics
         Completion of Mathematics through M 206
      C. Physics
         Physics Sequence
         PH 220, 221, 222, 223  | 11 |
      3. Idaho Certification Requirements
         Foundations of Education TE 201 ............... 3
         Education Exceptional Secondary Students TE 333 ............... 1
         Educational Psychology P 325 ............... 3
         Secondary School Methods
         TE 381, C 305 ............... 6
         Senior High School Student Teaching TE 483 ............... 8
         The Senior High School TE 487 ............... 1
         Reading in Content Subjects TE 307 ............... 3

NOTE: The Idaho Professional Standards Commission now requires a year of Biology.

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### SCHOOL OF ARTS & SCIENCES

#### (Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry C 131, 132, 133, 134</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics M 111, 204</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>5-6</td>
</tr>
<tr>
<td>Physics I PH 220</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>15</td>
</tr>
</tbody>
</table>

**FRESHMAN YEAR:**

**SOPHOMORE YEAR:**

| Quantitative Analysis C 211, 212 | 5 |
| Mathematics M 205, 206 | 4 |
| Physics Lab I and II PH 223, 224 | 1 |
| General Psychology P 101 | 3 |
| Degree Requirements | 6 |
| Course Elective | 3 |

**JUNIOR YEAR:**

| Physical Chemistry C 321, 322, 323, 324 | 4 |
| Organic Chemistry C 317, 318, 319, 320 | 5 |
| Educational Psychology P 329 | 5 |
| Teaching Science in Secondary School C 305 | 3 |
| Degree Requirements or Electives | 3 |

**SENIOR YEAR:**

| Upper Division Chemistry Course | 3 |
| Chemistry Seminar C 498, 499 | 1 |
| Secondary School Methods TE 381 | 3 |
| Senior High School Teaching C 483 | 8 |
| The Senior High School C 487 | 1 |
| Educating Exceptional Secondary Students TE 333 | 12 |
| Degree Requirements and Electives | 17 |

Students who do not have a Chemistry degree may be certified to teach Chemistry in secondary schools. Refer to page 102 of this Catalog where minor certification endorsements for teaching areas are listed in the Department of Teacher Education.

## COURSE OFFERINGS

### CHEMISTRY

#### LOWER DIVISION

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C 100</td>
<td>Concepts of Chemistry (3-3-4) (Area III). A descriptive nonmathematical course designed to acquaint students with the fundamental principles of Chemistry and the relationship of Chemistry to other fields of study and to modern life. This course cannot serve as a prerequisite to any other Chemistry course, nor will it serve as part of a Chemistry sequence. Students who have received credit for C 100 or C 133 may not receive credit for C 100.</td>
</tr>
<tr>
<td>C 101</td>
<td>Preparation for Chemistry (0-3-1). Lectures and recitations for students lacking the necessary background for essentials of Chemistry. Basic concepts and basic concepts of Chemistry. To be taken prior to or concurrently with C 107.</td>
</tr>
<tr>
<td>C 107</td>
<td>Essentials of Chemistry (3-3-3) (Area III). The first semester of a sequence course for non-science majors who require only one year of Chemistry. Basic concepts of inorganic and organic Chemistry. Prerequisite: High School Chemistry or C 100 or concurrent enrollment in C 103. Concurrent enrollment in C 108 is required.</td>
</tr>
<tr>
<td>C 108</td>
<td>Laboratory for Essentials of Chemistry (0-3-1) (Area III). The laboratory to accompany C 107. Concurrent enrollment in C 108 is required.</td>
</tr>
<tr>
<td>C 109</td>
<td>Essentials of Chemistry (3-0-3) (S, SU) (Area III). A continuation of C 107 to include basic concepts of Biochemistry. Prerequisite: C 107 and 108. Concurrent enrollment in C 110 is required.</td>
</tr>
<tr>
<td>C 110</td>
<td>Laboratory for Essentials of Biochemistry (0-4-2) (S, SU) (Area III). The laboratory to accompany C 109. Prerequisite: C 107, 108. Concurrent enrollment in C 110 is required.</td>
</tr>
<tr>
<td>C 111</td>
<td>College Chemistry (3-3-3) (F, SU) (Area III). The first semester of a one-year sequence course. A thorough study of the fundamentals of Chemistry including atomic and molecular structure, stoichiometry, physical states, and solutions. Prerequisite: M 111 or 116. Concurrent enrollment in C 112 is required.</td>
</tr>
<tr>
<td>C 112</td>
<td>Laboratory for College Chemistry (3-3-3) (F, SU) (Area III). Laboratory work to accompany C 111.</td>
</tr>
<tr>
<td>C 113</td>
<td>College Chemistry (3-3-3) (S, SU) (Area III). A continuation of C 111 to include equilibrum, redox, and complex ions. Prerequisite: C 113, 132.</td>
</tr>
<tr>
<td>C 114</td>
<td>Laboratory for College Chemistry (0-8-2) (S, SU) (Area III). Laboratory work to accompany C 113. To include qualitative analysis. Prerequisite: C 131, 132.</td>
</tr>
<tr>
<td>C 211</td>
<td>Quantitative Analysis (3-3-3) (F). Study of the equilibrium relationships and methods used in gravimetric, volumetric, and some instrumental analysis. Prerequisite: C 131, 132, 133, 134.</td>
</tr>
<tr>
<td>C 212</td>
<td>Quantitative Laboratory Technique (0-6-2) (F). Practical applications of quantitative analytical techniques through the analysis of unknown samples using gravimetric, volumetric, and some instrumental methods. Prerequisite: C 211 or concurrent enrollment.</td>
</tr>
</tbody>
</table>

**UPPER DIVISION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C 265</td>
<td>Teaching Science in the Secondary School (3-3-3) (S). An introduction to the subject matter of science and the process of scientific inquiry. The nature of science is studied in terms of methods and objectives applicable to science teaching. Emphasis is placed on communicating scientific ideas, effective methods of instruction and evaluation, and available curricular materials. Alternate years.</td>
</tr>
<tr>
<td>C 311</td>
<td>Organic Chemistry Lecture (3-3-3) (F). An overview of Organic Chemistry covering the fundamentals of nomenclature, reactions, synthesis, mechanisms, stereochemistry, proteins and carbohydrates. Will fulfill the requirements for an elementary course in Organic Chemistry. Prerequisite: C 311 or concurrent enrollment in C 311 is required.</td>
</tr>
<tr>
<td>C 319</td>
<td>Organic Chemistry Laboratory (0-6-2) (F). This course covers basic laboratory techniques used in Organic Chemistry and selected compound preparations. Concurrent enrollment in C 317 is required.</td>
</tr>
<tr>
<td>C 320</td>
<td>Organic Chemistry Laboratory (0-6-2) (S). This course covers spectroscopic methods, special interpretations, and qualitative organic analysis. Prerequisite: C 319. Concurrent credit enrollment in C 318 is required.</td>
</tr>
<tr>
<td>C 320</td>
<td>Physical Chemistry Lecture (3-3-3) (S). The fall semester will cover gasses, point symmetry, molecular structure and quantum theory (briefly) and the first and second laws of thermodynamics. The spring semester continues with thermodynamics, reaction kinetics, phase equilibria, electrochemistry and absorption. Prerequisite: C 131, 132, 133, 134, PH 102 or 221, M 206 or equivalent.</td>
</tr>
<tr>
<td>C 322</td>
<td>Physical Chemistry Laboratory (0-3-1) (FS). Laboratory experiments paralleling the material covered by the lectures. Prerequisite: C 321, 322 or concurrent enrollment. A year's sequence (fall and spring).</td>
</tr>
<tr>
<td>C 401</td>
<td>Advanced Inorganic Chemistry (3-3-3) (F). Quantum mechanical overview of atomic and molecular structure, bonding in ionic, covalent, and complex ions, numerous solutions, and selected properties of elements of the periodic table and inorganic compounds. Prerequisite: C 322, PERM/INST.</td>
</tr>
<tr>
<td>C 411</td>
<td>Instrumental Analysis (2-6-4) (S). Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. Prerequisite: C 211, 320. C 320 may be taken currently with C 411.</td>
</tr>
<tr>
<td>C 431</td>
<td>Introduction to Biochemistry (3-3-3) (F). A study of the chemistry of biologically important compounds and an introduction to metabolism. Prerequisite: C 317.</td>
</tr>
<tr>
<td>C 432</td>
<td>Biochemistry Laboratory (0-3-1) (S). Identification, isolation, and reaction to biologically important compounds. Prerequisite: C 431 or concurrent enrollment.</td>
</tr>
<tr>
<td>C 433</td>
<td>Biochemistry (3-3-3) (S). The function of biological compounds, including intermediary metabolism and synthesis of proteins. Cellulor control systems. (1-0-1) (F). Group discussions of individual reports on selected topics in the various fields of Chemistry. Prerequisite: Chemistry major and senior standing.</td>
</tr>
</tbody>
</table>

**GRADUATE COURSES**

The department offers certain graduate courses. See Part VIII, Graduate School, for course descriptions.

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### DEPARTMENT OF COMMUNICATION

Administration Bldg., Rm. 218
Phone 208/385-3320

Chairman and Professor: Dr. Robert R. Boren; Professor: Boylan; Associate Professors: Cox, Mccluskie, Parker, Pitman, Rayborn, Trapp; Assistant Professors: Graner, McCorkie, Traynowicz.

**REQUIREMENTS FOR COMMUNICATION MAJOR**

1. Completion of general University requirements for Bachelor of Arts degree as listed on pages 32, 33.
2. All majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses:
   - Introduction to Communication Study CM 115
   - Perspectives of Inquiry CM 201
   - Perspectives on Communication CM 421
Communication Seminar CM 498 .................................................. 3
Communication Lab CM 116, 216, 316, 416 ................................. 9
Credits for Area of Emphasis ...................................................... 25-35

**COMMUNICATION MAJOR**  
**Bachelor of Arts Program**

The following is provided for purposes of illustration. Students should work out specific programs with a departmental advisor.

**INTERPERSONAL COMMUNICATION EMPHASIS**

1. General University Requirements
2. Departmental Core Requirements ........................................... 20
3. Suggested Courses as follows:
   A. Listening CM 131
      Interpersonal Communication CM 221
      Communication in the Small Group CM 251
      Interviewing CM 307
      Small Group Process CM 431 ............................................. 9
   B. Mass Communication Concepts and Perspectives CM 171
      Nonverbal Communication CM 341
      Intercultural Communication CM 351
      Organizational Communication CM 361
      Persuasion CM 412
      Public Relations CM 478 .................................................. 9
   C. Rhetorical Theories CM 321
      Message Analysis and Criticism CM 331
      Contemporary Public Communication CM 332 ........................ 3
   D. Reasoned Discourse CM 112
      Communication Activities CM 114/314
      Voice and Diction CM 121
      Public Speaking CM 231
      Oral Interpretation CM 241
      Reporting and Newswriting CM 273
      Applied Communication CM 312
      Communication Practicum CM 451
      Radio-TV Newswriting CM 471 .......................................... 4-14
      45-55

**MASS COMMUNICATION EMPHASIS**

1. General University Requirements
2. Departmental Core Requirements ........................................... 20
3. Suggested Courses, as follows:
   A. Mass Communication: Concepts and Perspectives CM 171
      Contemporary Public Communication CM 332
      Intercultural Communication CM 351
      Organizational Communication CM 361
      Ethics, Law and Communication CM 461
      Persuasion CM 412
      Public Relations CM 478 .................................................. 9
   B. Reporting and Newswriting CM 273
      Photo Communication CM 277
      Journalismic Communication Practicum CM 372
      Communication Graphics CM 379
      Ethics, Law and Communication CM 461
      Internship CM 493 ......................................................... 6
   C. Departmental Electives .................................................... 7-17
   45-55

**SECONDARY EDUCATION EMPHASIS**

1. General University Requirements
2. Departmental Core Requirements ........................................... 20
3. Education Requirements (see Section VI Secondary Education)
4. Suggested Courses, as follows:
   A. Oral Interpretation CM 241
      Methods of Teaching Communication CM 401 .......................... 3
   B. Reasoned Discourse CM 112
      Communication Activities CM 114/314 ................................. 3

**NOTE:** A student with a single teaching field must complete at least 45 credits. See certification Requirements and Endorsements for Secondary Education as listed in the School of Education section of the Catalog.

**JOURNALISTIC COMMUNICATION EMPHASIS**

1. General University Requirements
2. Departmental Core Requirements ........................................... 20
3. Other Required Courses ..................................................... 18
4. Suggested Courses, chosen from the following ............................ 12
   A. Mass Communication: Concepts and Perspectives CM 171
      Interviewing CM 307
      Journalismic Communication Practicum CM 372
      Radio-TV Newswriting CM 471
      Feature Writing CM 473
      Critical Writing CM 474
      Public Relations CM 478
   Special area emphasis may be selected from the following programs; this must include a minimum of 9 credit hours in one area:
   History
   Psychology
   Economics
   Social Science
   English
   Performing and Spatial Arts
   Political Science
   OR any other program listed on page 35 of BSU Catalog (under Baccalaureate Degree Programs).

The selection of special area emphasis should reflect the career plans of the student, and should be made in consultation with his advisor.

**COMBINED MAJOR**

**COMMUNICATION — ENGLISH**

A. With Journalism emphasis: Department requirements

**COMMUNICATION**
Introduction to Communication Studies CM 115 .................................. 2
Perspectives on Inquiry CM 201 .................................................. 3
Communication Laboratory CM 116, 216 ....................................... 3
Interpersonal Communication CM 221 ......................................... 3
Perspectives on Communication CM 421 ....................................... 3
Communication Electives (Upper Division) ................................... 10

**ENGLISH**
*Literature Survey* ................................................................. 6
**Composition above the basic sequence** .................................... 6
Introduction to Language Study LI 305 ....................................... 3
***Literature Electives (Upper Division)** ..................................... 12

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**SCHOOL OF ARTS & SCIENCES**

(Add Senior Seminar - Either CM 498 or E 498 - 2 hours)

Total Hours: 56 (27 and 27 and 2)

*British or American. Students should consider Upper Division courses they will want to take.*

**To be chosen from Advanced Expository Composition (E 201), the Creative Writing sequence or technical writing.**

3+ hours in courses before 1800.

**B. With Communication emphasis: Department requirements**

**COMMUNICATION**

Introduction to Communication Studies CM 115 .......................... 2

Perspectives on inquiry CM 201 ........................................... 3

Interpersonal Communication CM 221 ..................................... 3

Rhetorical Theories CM 321 .................................................. 3

Organizational Communication CM 361 .................................... 3

Perspectives on Communication CM 421 .................................... 3

Electives (Upper Division) .................................................... 10

27

ENGLISH

*Literature Survey ............................................................... 6

Humanities HU 207, 208 ......................................................... 3

**Advanced Writing and Linguistics.** .................................... 3

Electives (Upper Division) ..................................................... 9

27

*British or American. Students should consider Upper Division courses they will want to take.*

**To be chosen from E 201, Technical Writing, LI 205, 206, 209.**

N.B. Electives:

1. If student does not elect another Humanities course (either HU 207 or 208), then he should take 9 additional Upper Division courses in each department.

2. If student elects the extra 3 hours in Humanities (either HU 207 or 208), then he would take 6 Upper Division hours in Communication or English and 9 Upper Division hours in the other department.

(Add Senior Seminar — either CM 498 or E 498 - 2 hours)

Total Hours: 56 (27 and 27 and 2)

** COURSE OFFERINGS**

**CM COMMUNICATION**

**LOWER DIVISION**

CM 111 Fundamentals of Speech Communication (3-0-3) (AREA II). Fundamental principles of effective speech, presenting and analyzing critically consuming messages in one-to-one, small group, and public speaking contexts.

CM 112 Reasoned Discourse (3-0-3) (AREA II). Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositions, issues, arguments, evidence, fallacies of arguments and various systems of reasoning. Permission for and participation in activities designed to apply the principles of logical reasoning in the public forum.

CM 114 Communication Activities (1-0-1). Preparation for and participation in communication activities: Intercollegiate debate competition, individual speaking, or community speaking activities. Prerequisite: Permission of the instructor. CM 114 and CM 314 may be repeated for a total of eight credits, not more than four of which may be applied toward the degree in communication.

CM 115 Introduction to Communication Studies (2-0-2). Dimensions of human communication, historical and contemporary concepts, communication degree programs, and career opportunities.

CM 116 Communication Laboratory (1-1-2). An experiential probe into human communication through participation in practical applications of concepts, communication requirements, and technologies. May not be taken concurrently with CM 216, 316, 416.

CM 121 Voice and Diction (3-0-3). Study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in the production of speech. An investigation of the student's individual speech problems.

CM 122 Introduction to Manual English (3-0-3). An introduction to Manual English sign system with emphasis placed on initial skills and on finger spelling, sign vocabulary and total communication. History and rationale will be covered.

CM 123 Listening (3-0-3). Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening.

CM 171 Mass Communication: Concepts and Perspectives (3-0-3) (F/S). A survey of communication theory as related to current practice of the mass media. Emphasis is placed on the examination of the consumer of mass communication.

CM 201 Perspectives of inquiry (3-0-3) The nature, sources and tests of knowledge; various views of theories, theory building, models, and the nature of inquiry.

CM 202 Research Methods (3-0-3) (F/S). Historical, critical, descriptive, and experimental research methods and tools in communication. Students design, conduct, report, and evaluate research projects.

CM 216 Communication Laboratory (V-V-1 to 4). Participation in a community in which students form their own economy, government, and produce and consume communication products and services. Development of and participation in workshops and short courses. May be repeated for a total of 4 credits. Prerequisites: CM 115, CM 116. May not be taken concurrently with CM 116, 316, 416.

CM 221 Interpersonal Communication (3-0-3). An examination of the nature of human communication. Focuses through experiential learning, on awareness of self, communicative relationships and community.

CM 231 Public Speaking (3-0-3). Analysis of methods and techniques of message composition. Practice in the presentation of public speeches.

CM 241 Oral Interpretation (3-0-3). Practice in reading prose, poetry, and drama to help the student determine a logical and emotional meaning for a selection, and project that meaning to listeners.

CM 251 Communication in the Small Group (3-0-3). A study of human interaction in small groups. Emphasis on actual experience in working in small groups. Includes concepts in planning, preparing, and participating in group discussion and decision making.

CM 273 Reporting and News Writing (3-0-3). Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis on accuracy, conciseness and clarity of writing. Study of newspaper styles—usage, grammar, punctuation, capitalization—and the use of copywriting symbols. Prerequisite: Ability to use typewriter.

CM 277 Photo Communication (2-2-3) (F). Photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. Prerequisite: AR 251 or PERM/INST.

**UPPER DIVISION**

CM 302 Interviewing (3-0-3). Communication behavior in two-person situations. Practical experience in various types of interviews as confronted in business, in education, and in the professions.

CM 311 Speech—Communication for Teachers (3-0-3). Designed to improve the prospective teacher's awareness of communicative processes related to effective teaching; emphasis on various communication situations encountered by teachers and strategies for maximizing student-teacher relationships.

CM 312 Applied Communication (3-0-3). An application of basic principles of communication to real life situations involving current community problems and issues. Prerequisite: CM 111.

CM 314 Communication Activities (1-0-1). Preparation for and participation in communication activities: Intercollegiate debate competition, individual speaking or community speaking activities. Prerequisite: PERM/INST. CM 114 and CM 314 may be repeated for a total of eight credits, not more than four of which may be applied toward the degree in communication.

CM 316 Communication Laboratory (V-V-1 to 4). Participation in a community in which students form their own economy, government, and produce and consume communication products and services. Development of and participation in workshops and short courses. May be repeated for a total of 4 credits. Prerequisites: CM 115, CM 116. May not be taken concurrently with CM 116, 216, 416.

CM 321 Rhetorical Theories (3-0-3). An examination of theories concerning the complexity of interaction among ideas, messages, and men, including analysis of various message strategies.

CM 322 Intermediate Manual English (3-0-3) (S). A continuation in building skills, vocabulary, and expressive signing techniques. A refining of abilities in communication with increased stress. Techniques for handling a total communication with the deaf will be expanded to cover educational and social situations. Prerequisite: CM 122.

CM 331 Message Analysis and Criticism (3-0-3). An evaluation of methods of analyzing and criticizing messages and their application to making critical appraisals of public communication.

CM 332 Contemporary Public Communication (3-0-3). The nature, function, and influence of public communication in contemporary society. An examination of major events and issues in an attempt to identify particular characteristics of public dialogue which reflect, reinforce, and alter public opinion.

CM 341 Nonverbal Communication (3-0-3). An examination of the function of non-verbal behavior codes in communication.

CM 351 Intercultural Communication (3-0-3). An analysis of societal and cultural influences on interpersonal communication. A critical examination of communication within and among subcultures as well as across cultural boundaries.

CM 361 Organizational Communication (3-0-3). The application of communication theory and methodology to the study of communication within the formal organization. Theories and problems of human communication within and beyond the organization.

CM 372 Journalistic Communication Practicum (Var 1 vcto 4). Designed for students who seek professional experience and professional careers. Offers students training with professionals in the community. Prerequisite: PERM/INST. May be repeated for a total of four hours.


CM 401 Methods of Teaching Communication (3-0-3). Analysis and planning of curricula for speech communication. A study of instructional materials, classroom techniques and methods, development of behavioral objectives, and management of curricular programs.

CM 412 Persuasion (3-0-3). Emphasis on theories of persuasion. Examination of variables and message strategies relevant to the persuasive process. Practical application of theory in the analysis and construction of persuasive messages.
CM 416 Communication Laboratory (V-V-1 or 2). Involvement in a community to practice and refine communication skills, e.g., leadership, organization, advisory, research, and evaluation. Prerequisite: CM 216 or CM 316. May be repeated for a total of 2 credits.

CM 421 Perspectives on Communication (3-0-3) (F). A survey of contemporary theories and theorists of communication. Prerequisite: CM 210.

CM 431 Small Group Processes (3-0-3). An advanced study of variables and theories affecting the communicative interaction of small groups.

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

CM 461 Ethics, Law, and Communication (3-0-3). Study of the laws and ethics related to communication. Prerequisite: Upper Division standing.

CM 471 Radio-TV News Writing (2-0-2). Practice writing radio-tv news, including timing and arrangement of material, adding script to film, techniques for condensing stories and deciding the importance of story material. Prerequisite: CM 273 or PERM/INST.

CM 473 Feature Writing (3-0-3). Non-fiction writing of features for newspaper or magazines. Includes analysis of publication markets and procedures for submitting articles. Alternate years.

CM 474 Critical Writing (3-0-3). Writing opinion for the mass media with emphasis on writing publicity releases.


CM 486 Communication Seminar (3-0-3). A multi-theoretical approach to the analysis of communication problems and issues culminating in the presentation and defense of student generated projects. Prerequisite: CM 421 and Senior standing.

DEPARTMENT OF ENGLISH

Liberal Arts Bldg., Rm. 228
Phone 208/385-1246

Chairman and Professor: Dr. Charles G. Davis; Professors: Boyer, Chatterton, Martin, Sahni; Associate Professors: Leahy, Maguire, Peek, Widmayer, Willis; Assistant Professors: Ackley, Bruno, Burmaster, Cocotis, Evett; Fox, Guilford, Hadden, King, McGuire, Nickerson, Papinchak, Rinnert, Sanderson, Selander, Thomas, Trusky, Warner; Emeritus: Hatch.

ENGLISH MAJOR
Bachelor of Arts Degree

I. Completion of general university requirements for Bachelor of Arts.

II. Completion of Departmental Option

1. Liberal Arts Option
   a. Completion of Departmental Core
      1. Specific Courses
         a. Survey of British Literature E 240 and E 260...6
         b. Shakespeare E 345, 346...3
         c. Introduction to Language Studies LI 305...3
         d. History of Literary Criticism E 393...3
         e. Senior Seminar E 498...2
      2. Area Requirements
         a. American Literature E 271, 272, 378, 384...3
         b. Pre-1800 British Literature E 340, 341, 347
            E 348, 349, 350, 351, 355, 357, 359...6
         c. Post-1800 British or American Literature
            E 366, 365, 366, 369, 377, 378, 384, 385, 390, 399
            E 487...7
         d. Competence in a Foreign Language acquired to two years of University instruction.
         e. History of the English Language LI 309...3
      3. Upper Division English Electives
         a. Specific Courses
            1. Survey of British Literature E 240 and E 260...6
            2. Shakespeare E 345 or E 346...3
         b. Area Requirements
            1. Pre-1800 British Literature courses numbered from E 340 to E 359...12
            2. Post-1800 British Literature courses numbered from E 360 to E 369...6
            3. U.S. History HY 311, HY 312, HY 432, HY 338...3
            4. Upper-division elective in British, American, or British and American Literature...17
      2. General Option, American Literature Emphasis
         a. Specific Courses
            1. Survey of American Literature E 271 and E 272...6
            2. Shakespeare E 345 or E 346...3
            3. E 377, American Renaissance...3
            4. E 378, American Realism...3
            5. E 384, Literature of the American West...3
            6. E 390, Folklore...3
         b. Area Requirements
            1. Modern British and American Literature E 385, E 389, or E 487...3
            2. Lower-division literature courses E 211, E 213, E 217, E 219, E 240, or E 260...9
            3. PO 331, American Political Theory...3
            4. AN 102, Cultural Anthropology...3
            5. U.S. History HY 151, HY 152, HY 354,
               HY 355, HY 356, HY 358, HY 359...3
            6. Upper-division electives in Literature or Linguistics...20
      3. General Option, World Literature Emphasis
         a. Specific Courses
            1. E 215, Far Eastern Literature...3
            2. Western World Literature E 230 and E 235...6
            3. 19th and 20th Century Continental Literature E 336 and E 338...6

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6. Upper Division English Electives...6
7. Western World Literature E 230...6
8. Idaho Certification Requirements
9. Successful completion of departmental competency exam

c. Option 10-12 (Senior High)
   1. Language LI 307 and 309 or 405...6
   2. Methods E 301 and 381 or TE 358...6
   3. Speech...3
4. Advanced Writing E 201, 305, 306, 401...3
5. Upper Division English Electives...9
6. Western World Literature E 230...3
7. Idaho Certification Requirements
8. Successful completion of departmental competency exam
d. Option 7-12 (composite)
   1. Language LI 309 and 307 or 405
   2. Methods E 301 and 381 or TE 358
   3. Speech
4. Literature for use in Junior and Senior
   High School, E 481...3
5. Advanced Writing E 201, 305, 306, 401...3
6. Upper Division English Electives...6
7. Western World Literature E 230...3
8. Idaho Certification Requirements
9. Successful completion of departmental competency exam
3. General Option
   a. Completion of 53 credits in English or Linguistics not to include E 101 and E 102 or E 111H and E 112H, 38 credits of which must be upper division.
      1. At least fifteen credits in British Literature, not to include E 385, E 389, or E 487.
      2. No more than nine credits in special topics courses in English or Linguistics.
   b. Under this option the following emphases are offered:
      1. General Option, British Literature Emphasis
         a. Specific Courses
            1. Survey of British Literature E 240 and E 260...6
            2. Shakespeare E 345 or E 346...3
         b. Area Requirements
            1. Pre-1800 British Literature courses numbered from E 340 to E 359...12
            2. Post-1800 British Literature courses numbered from E 360 to E 369...6
            3. U.S. History HY 311, HY 312, HY 432, HY 338...3
            4. Upper-division elective in British, American, or British and American Literature...17
      2. General Option, American Literature Emphasis
         a. Specific Courses
            1. Survey of American Literature E 271 and E 272...6
            2. Shakespeare E 345 or E 346...3
            3. E 377, American Renaissance...3
            4. E 378, American Realism...3
            5. E 384, Literature of the American West...3
            6. E 390, Folklore...3
         b. Area Requirements
            1. Modern British and American Literature E 385, E 389, or E 487...3
            2. Lower-division literature courses E 211, E 213, E 217, E 219, E 240, or E 260...9
            3. PO 331, American Political Theory...3
            4. AN 102, Cultural Anthropology...3
            5. U.S. History HY 151, HY 152, HY 354,
               HY 355, HY 356, HY 358, HY 359...3
            6. Upper-division electives in Literature or Linguistics...20
      3. General Option, World Literature Emphasis
         a. Specific Courses
            1. E 215, Far Eastern Literature...3
            2. Western World Literature E 230 and E 235...6
            3. 19th and 20th Century Continental Literature E 336 and E 338...6
 **THEATRE ARTS MINOR FOR ENGLISH**

Technical Theatre (Basic set drawing and construction) TA 117 .................................................. 4
Technical Theatre (Basic set design, painting, lighting) TA 116 .................................................. 4
Acting TA 215 ................................................................................................................................. 3
Major Production Participation TA 331 ......................................................................................... 3

One of the following:

- Stage Direction TA 233 ................................................................................................................. 3
- World Drama, 500 B.C. to 1570 TA 341
- World Drama, 1570 to 1870 TA 342
- World Drama, 1870 to 1960 TA 343
- Contemporary Theatre TA 445
- Directing TA 401 .......................................................................................................................... 3

To be selected from:

- American Literature E 271, E 272 ............................................................................................. 3
- Linguistics E 301, E 302 ............................................................................................................. 3
- Survey of American Literature E 271, E 272 ............................................................................ 3

**LOWER DIVISION**

- E 010 Developmental Writing (1-2-0). Training in writing and editing processes with an emphasis on correctness and sentence structure. Attention to fluency, organization, development, revision. Required if writing sample demonstrates need or if ACT, SAT, or TSWE score is below 20 centiles. Also for basic review. Successful completion of competency test required.

- E 101 English Composition (3-0-3) (CORE). Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Successful completion of competency test required. Prerequisite: ACT score 20 or S in Developmental Writing.

- E 102 English Composition (3-0-3) (CORE). Advanced practice in expository writing, which may include literary material as a means of teaching critical reading and writing and communication of complex ideas. Successful completion of competency test required. Prerequisite: E 101 or PERM/INST.

- E 111, 112 Honors Composition (3-0-3) (CORE). Provides superior student challenge emphasizing individual study and original writing. Introduction to critical writing and study of ideas through literature. Honors 111 concentrates on lyric, poetry, themes, and short fiction. Normal prerequisite: ACT of 80th centile or above for E 111. Successful completion of competency test required. Prerequisite: E 111 or PERM/CHMN for E 112.

- E 120 English as a Second Language (3-0-3) (F/S). Basic skills in American English pronunciation, sentence structure, composition and reading for foreign students with TOEFL scores (or equivalent) of 500 or below. Practice in speaking and listening to current American English, reading and vocabulary development; elementary principles of English Composition. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and PERM/INST. Credit not applicable toward requirements for graduation.

- E 121 English as a Second Language (5-0-3) (F/S). Continuation of E 120 with special emphasis on vocabulary development, reading and development of skills in written English. For foreign students with TOEFL scores (or equivalent) of 500-550. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

- E 122 Composition and Reading for Foreign Students (5-0-3) (F/S). Practice in college level reading and composition; development of special vocabulary skills related to individual needs, advanced English sentence structure. For foreign students with TOEFL of 551-575. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and PERM/INST. The sequence E 122-123 satisfies the E 101 requirement for foreign students.

- E 123 Advanced English Composition for Foreign Students (5-0-3) (F/S). Study of and practice in the principles of formal and informal written English; principles of the essay and research paper; continuation of development and mastery of the more complex types of English structure. Prerequisite: Admission to college, recommendation of Foreign Student Advisor and PERM/INST. The sequence E 122-123 satisfies the E 101 requirement for foreign students.

- E 131 Introduction to Literature (3-0-3) (F/S). A study of popular and classic novels, short stories, plays, and poems by notable American, British, and other authors. Students will see film or television versions and hear recorded renditions of some of the works read. Prerequisite: Completion of or concurrent enrollment in E 101 or PERM/CHMN.

- E 191 Advanced Expository Composition (3-0-3) (F/S). Advanced writing course for students who wish to develop skills beyond those acquired in English Composition. Students examine specimens of professional writing as well as criticizing the work of other students. Extensive writing practice stressing organization, clarity and effectiveness. Prerequisite: E 102 or PERM/CHMN.
SCHOOL OF ARTS & SCIENCES

E 202 Technical Writing (3-0-3) (F/S). Practice in writing the main kinds of reports used in the sciences. Credit is not given for both EN 202 and EN 203. Students who want the logic, organization, and persuasiveness of their writing will not fulfill Area I requirements. Prerequisite: E 102 or PERM/CHMN.

E 205 Creative Writing — Poetry (3-0-3) (F). Prerequisite: PERM/INST based on evaluation of student's work. May be repeated for nine credit hours.

E 206 Creative Writing — Fiction (3-0-3) (S). Introduction to fiction writing with a concentration on descriptive technique. Readings in the short story.

E 211 The Bible as Literature (3-0-3) (S). Examines selected historical, biographical, poetic, dramatic teaching and letter-writing portions of Hebrew-Christian traditions. Emphasis in literary aspects with discussions of notable concepts in major writings. Prerequisite: E 102.

E 213 Afro-American Literature (3-0-3) (S). The Black experience as reflected in the development of Black American literature. This course relates Afro-American writing to its setting in social and cultural conditions. It discusses recurrent and character themes, techniques, and genres from Slavery to present. Emphasis is on Black writing from the 1930's to the present day. Prerequisite: E 102.

E 215 Far Eastern Literature, in Translation (3-0-3) (S). (Area I). Survey of literature of Far Eastern countries, China, Japan, and India. An introduction to cultural and religious environment of each country covered. Prerequisite: E 102.

E 217 Mythology (3-0-3) (F). Mythologies and mythological concepts having most influence on Western civilization. Emphasis on Greek, Norse, and Judeo-Christian mythologies and their relation to religion, literature, art, and modern psychology. Prerequisite: E 102.

E 219 North American Indian Folklore and Literature (3-0-3) (F). A comparative study of traditional Native American beliefs and practices as reflected in authentic oral narratives and contemporary literature. The content, form and style or oral narratives and the functions which these narratives serve in preliterate societies receive particular emphasis. Prerequisite: E 102.

E 230 Western World Literature (3-0-3) (F) (Area I). Introduction to writings of the great minds of literature, which have shaped our understanding of the human condition. Prerequisite: E 102.

E 235 Western World Literature (3-0-3) (S) (Area I). An introduction to the Western literary tradition as it has developed during the last four centuries. Attention will be paid to the way in which the older values and attitudes are challenged by the new spirit of scepticism and rebellion. Prerequisite: E 102.

E 240 Survey of British Literature to 1790 (3-0-3) (F) (Area I). This course will trace the artistic, philosophic, social, scientific, and intellectual influences on American writers and the emergence of an independent American outlook, as seen in the literary works of such authors as Thoreau, Hawthorne, Melville, Emerson, and Whitman. Prerequisite: E 102.

E 271 Survey of American Literature: Beginnings to Civil War (3-0-3) (F) (S) (Area I). This course traces the artistic, philosophic, social, scientific, and intellectual influences on American writers and the emergence of an independent American outlook, as seen in the literary works of such authors as Thoreau, Hawthorne, Melville, Emerson, and Whitman. Prerequisite: E 102.

E 272 Survey of American Literature: Civil War to Present (3-0-3) (F) (S) (Area I). This course traces the continued development of American Literary thought as revealed in the works of such authors as Twain, James, Hemingway, Eliot, and Faulkner. Prerequisite: E 102.

E 305 Creative Writing — Advanced Poetry (3-0-3) (S). Prerequisite: E 205 or PERM/INST based on evaluation of student’s work. May be repeated for nine credit hours.


E 338 Nineteenth-Century Continental Literature (3-0-3) (S). Major European writers in the 19th century in translation. Reading maintains a chronological approach stressing the relationship of the literature to the socio-economic and political conditions of the times. Works of Goethe, Stendhal, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoy are included. Prerequisite: E 102 or PERM/CHMN. Alternate years. To be offered 1982/83.

E 339 Twentieth-Century Continental Literature (3-0-3) (S). Twentieth century philosophical trends and cultural themes are emphasized in the reading. Includes works by Manz, Mauzac, Kafka, Hesse, Grass and Sartre-Schimiz, which examines mythological, existential, religious, and political themes in relation to contemporary human values. Prerequisite: E 102 or PERM/CHMN. Alternate years. To be offered 1982/83.

E 349 Chaucer (3-0-3) (F). Emphasis on The Canterbury Tales and Troilus and Criseyde. Prerequisite: Three credits, lower division literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 350 Medieval Epics and Romances (3-0-3) (F). Representative European and continental romances, including Beowulf, Sir Gawain and the Green Knight, Christen de Troyes, Arthurian Romances, The Song of Roland, The Nibelungenlied, The Old. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1983/84.

E 351 Shakespeare: Tragedies and Histories (3-0-3) (F/S). Selection of the tragic plays including "Romeo & Juliet", "Hamlet" and "King Lear", and the best plays concerning English history. Prerequisite: Three credits of literature or PERM/CHMN.

E 352 Shakespeare: Comedies and Romances (3-0-3) (F). Representative plays such as"The Taming of the Shrew", A Midsummer Night's Dream, As You Like It, Twelfth Night, and The Tempest. Prerequisite: Three credits of literature or PERM/CHMN.

E 355 British Renaissance Poetry and Prose (3-0-3) (F). A study of the poetry and prose of the English Renaissance, including Marlowe, Shakespeare, and Bacon. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 356 Elizabethan and Jacobean Drama (3-0-3) (F/S). Tragic and comic plays by Shakespeare's contemporaries such as Kyd, Marlowe, Jonson, Tennyson, Chapman, Middleton, Marston, Webster and Ford. Prerequisite: Three credits of literature or PERM/CHMN. Alternate years. Offered 1982/83.

E 357 Sixteenth Century Poetry and Prose (3-0-3) (S). The works of English authors such as Spenser, Jonson, Donne, George Herbert, Andrew Marvell, Robert Burton, and Thomas Browne, who flourished in the first 60 years of the 17th century. Three credits lower-division literature or consent of Department Chair. Alternate years. 1983/84.

E 358 Restoration and Eighteenth Century Poetry and Prose (3-0-3). A study of the major literary currents in the British Enlightenment—from satiric to sentimental, reasonable to fictitious, and trivial. Prerequisites: Three credits of literature or PERM/CHMN.

E 359 British Novel: Beginnings Through Austen (3-0-3) (F). An investigation of the novel's roots and exploring the work of Defoe, Richardson, Fielding, Smollett, Scott, Sterne, Austen and others. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumption about the world around us. Prerequisite: Three credits of literature or PERM/CHMN.

E 360 British Romantic Poetry and Prose (3-0-3) (F). Readings in Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, and others. These Romantics provide freshly imagin- ed patterns of emotional and intellectual response to nature and our place in it. Prereq- uisite: Three credits lower-division literature or consent of Department Chair. Alternate years. 1983/84.

E 363 Victorian Novel (3-0-3) (S). Readings in Tennyson, Browning, Arnold, and others. Their poems are the sometimes sane, sometimes shocking results of trying to find and keep historic and moral hope amidst vital but unhealthy times. Prerequisite: Three credits literature or PERM/CHMN. Alternate years. Offered 1983/84.

E 365 Victorian Prose (3-0-3) (S). The great prose stylists, including Carlyle, Arnold, Newman, Ruskin, and Pater, bring insights to controversy over issues still with us. Their subjects range from industrialism to mysticism, their purposes from amusement to reform. Prerequisite: Three credits literature or PERM/CHMN. Alternate years. Offered 1983/84.

E 366 British Novel: Scott Through Hardy (3-0-3) (S). An investigation of the development of the English novel during the nineteenth century with particular attention to the formal and ideological changes in American literature. Prerequisite: Three credits of literature or PERM/CHMN.

E 367 American Renaissance (3-0-3) (F). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulses of Puritanism, Romanticism, Realism, Idealism, romanticism, and modernism, founded the currents of literary thought that continue to this day. Prerequisite: Three credits of literature or PERM/CHMN.

E 369 American Realism (3-0-3) (F). American literature from the Civil War to World War I. Mark Twain, Stephen Crane, Henry James, W. D. Howells, Kate Chopin, and fellow Realists wrote about the average person in the light of common day. Their novels show how American writers were increasingly influenced by science, business, and art. Prerequisite: Three credits of literature or PERM/CHMN.

E 370 Methods of Teaching Secondary School English (3-0-3) (F). Study of traditional and modern theories and methods of teaching secondary school English at the secondary level. Prerequisite: Introduction to Language Studies LS 305.

E 371 Literature of the American West (3-0-3) (F/S). The literary works of representative American writers such as Wallace Stegner, Owen Wister, G. L. Davis, John Steinbeck, and Willa Cather. Also discussed are regional values and Western themes, techniques, and genres from Slavery to present. Emphasis is on Black writing from the 1930's to the present day. Prerequisite: E 102.

E 372 Survey of American Literature: Civil War to Present (3-0-3) (F) (S) (Area I). This course traces the continued development of American Literary thought as revealed in the works of such authors as Twain, James, Hemingway, Eliot, and Faulkner. Prerequisite: E 102.

E 389 Modern British and American Drama (3-0-3) (F/S). Designed to acquaint both non-native and native English majors with typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by such authors as Chekhov, Dostoevsky, Wilde, Saussure, Jarry, and Ionesco. Emphasis is placed on student's original work. May be repeated for nine credit hours.

E 380 Folklore (3-0-3) (F). Study of what folklore is, its written and oral traditions, its history. Prerequisite: Three credits of literature or PERM/CHMN.
DEPARTMENT OF FOREIGN LANGUAGES AND LITERATURES

Liberal Arts Bldg., Rm. 206 Phone 208/385-3956
Chairman and Associate Professor: Dr. John B. Robertson; Professors: Jocums, Valverde; Associate Professors: Jose, Schoonover; Emeriti; Power; deNeufville.

FOREIGN LANGUAGE MAJOR Bachelor of Arts Degree

Completion of general University requirements for the Bachelor of Arts Degree (see pages 32, 33).

GERMAN MAJOR, BA Option

1. To begin the program for the BA in German, the student must demonstrate competence in German equivalent to the completion of elementary (G 101-102) and intermediate (G 201-202) German - 16 credit hours. Competency must be demonstrated by course work or placement/challenge procedure.
2. The program has a minimum of 36 semester hours of Upper Division work, 30 credits must be in German and 12 credit hours of these 30 must be on the 400 level.
3. The candidate must successfully complete one Senior Seminar.
4. The program must be developed in consultation with the major advisors and the department chairman.
5. The candidate must demonstrate his or her level of language competency in German on the MLA or equivalent examination during the last semester in the program.

SPANISH MAJOR, BA Option

1. To begin the program for the BA in Spanish, the student must demonstrate competency in Spanish equivalent to the completion of elementary (S 101-102) and intermediate (S 201-202) Spanish — 16 credit hours. Completion must be demonstrated either by examination or course work.
2. The program has a minimum of 36 semester hours of Upper Division work, 30 credits must be in Spanish and 12 credit hours of these 30 must be on the 400 level.
3. The candidate must successfully complete one Senior Seminar.
4. The program must be developed in consultation with the major advisors and the department chairperson.
5. The candidate must demonstrate his or her level of language competency in Spanish language and civilization on the MLA or equivalent examination during the last semester in the program.

SPANISH MAJOR, BA with Teaching Option

In addition to meeting the requirements for the BA in Spanish, the candidate for a teaching certificate must also complete the following:
1. Requirements as indicated in the School of Education, Part VI.
2. From among the courses provided to complete 30 credit hours in Spanish, the candidate must include: 6 credits of Advanced Conversation and Composition and 6 credits of Culture and Civilization.
3. The candidate must successfully complete the Foreign Language Methods course, FL 412. G 410 is recommended.
4. The candidate must demonstrate his or her level of language competency in Spanish on the MLA or equivalent examination during the last semester in the program.

GERMAN MAJOR, BA with Teaching Option

In addition to meeting the requirements for the BA in German, the candidate for a teaching certificate must also complete the following:
1. Requirements as indicated in the School of Education, Part VI.
2. From among the courses provided to complete 30 credit hours in German, the candidate must include: 6 credits of Advanced Conversation and Composition and 6 credits of Culture and Civilization.
tion and 6 credit hours of Culture and Civilization, specifically S 376 and 377. S 475 may be substituted for either S 376 or 377.

3. The candidate must also take, in addition to the Language and Culture Section, the Teaching Methodology and Linguistics Section of the MLA Proficiency Exam.

SPANISH, Teaching Option with a minor endorsement

(24 credit hours)

Students wishing a minor endorsement in Spanish must have completed the following:

1. Demonstrate competency equivalent to the completion of elementary (S 101-102) and intermediate (S 201-202) Spanish — 16 credit hours, either by taking the courses or by examination, prior to beginning the option.

2. Advanced Spanish Conversation and Composition, S 303, 304, 6 credits.

3. Spanish and Spanish-American Culture and Civilization, S 376-377, 6 credits. S 475 may be substituted for either S 376 or S 377.

4. Selected from any Spanish literature course, 6 credits.

5. Applied linguistics in Spanish, S 410, 3 credits and Teaching Methodology in Foreign Languages, FL 412, 3 credits.

6. The candidate must demonstrate his or her level of language, civilization, linguistic and pedagogy competency in Spanish by a standardized examination during the last semester in the program.

FRENCH, Teaching Option with a minor endorsement

(21 credit hours)

Students wishing a minor endorsement in French must have completed the following:

1. Demonstrate competency equivalent to the completion of elementary (F 101-102) and intermediate (F 201-202) French — 16 credit hours, either by course work or by examination, prior to beginning the option.

2. Advanced French Conversation and Composition, F 303-304, 6 credits.


4. French Literature, 6 credits.

5. Teaching Methodology in Foreign Language, FL 412, 3 credits.

6. The candidate must demonstrate his or her level of language competency in French by a standardized examination during the last semester in the program.

PLACEMENT TEST

Students with prior experience in a second language which exceeds the equivalent of one year of high school second language instruction, must take the Foreign Language placement test before enrolling. This test is administered prior to each semester. Please check the BSU Fall and Spring Calendars for specific times. Placement into the proper course will be made on the basis of placement test results in consultation with departmental advisors.

A student with competence in a language other than English may receive up to 16 credits in that language upon successful completion of one of the following:

a. Challenge of a language course in the BSU Catalog, see page 28.

b. Successfully complete a course for which there is a second language prerequisite — see BSU Catalog, page 28.

c. Demonstrate level of competence by a recognized test:
   1. National test such as MLA, FSI, CLEP or
   2. As administered through another university with recognized authorities in the language being tested, and certified in writing by that authority. With this option, the student shall also follow the administrative steps for a regular challenge — see BSU Catalog, page 28.

The Department of Foreign Languages and Literatures will provide a certificate of competence in a second language based on demonstrated ability in that language. The Department particularly encourages students not taking degrees in Foreign Language to seek second language certificates which may be placed in the Placement Bureau dossier for reference to future employers.

COURSE OFFERINGS

FL FOREIGN LANGUAGE

FL 412 Teaching Methodology in Foreign Languages (3-0-3). Discussion of problems and trends in language teaching applied to practical activities in language acquisition. Evaluation of language learning objectives, instruction methods, culture presentations, techniques, teaching aids and resource materials. Preparation of comprehensive self-developed teaching plans, presenting teaching units. Prerequisite: Nine Upper Division credits in one language or PERM/DEPT.

FR FRENCH

LOWER DIVISION

F 101-102 Elementary French (4-4-4) (F/S). These two courses provide the opportunity to acquire functional competency in understanding, reading, writing and speaking French. Students will read cultural and literary selections and compose essays in French. Format of the course: classroom instruction, conversation lab and practice in the language laboratory. Students who have had more than one year of high school French or its equivalent may not enroll in F 101 for credit except by PERM/DEPT.

F 101P-102P Programmed Elementary French (V-V-4). A self-paced, taped programmed course which provides for practice in pronunciation, reading, writing, grammar analysis and conversation. One period of conversation practice per week required.

F 201-202 Intermediate French (4-1-4) (F/S) (Area I). These courses provide the environment to acquire competence to communicate in French. Students read selections from French literature and civilization. Students discuss and write in French. Format of the course: classroom instruction, practice in conversation and in A-V laboratories. Prerequisite: F 102 or PERM/DEPT.

UPPER DIVISION

F 303 Advanced French Composition and Conversation (3-0-3). This course, conducted in French, provides the matrix for enlarging one's French vocabulary and structure, and for speaking and writing French fluently. There will be discussions of the practical realities of the French speaking world concentrating on the common and high frequency expressions of the language. Essays based on class discussion will be written regularly. Prerequisite: F 202 or PERM/DEPT. Alternate years.

F 304 Advanced French Composition and Conversation (3-0-3). This course has similar objectives as F 303. Discussions and essays will concentrate on the civilization, culture and aesthetics in contemporary France. Discussions will be based on current French writings, style imitations and personal essays. Prerequisite: F 202 or PERM/DEPT.

F 328 Lectures Avancees de la Poesie et de la Prose Francaises (3-0-3). Selected extended unabridged works of great French authors, all genres, between 1715 to 1939, with emphasis on prose. May be repeated once for credit. Prerequisite: F 202 or PERM/DEPT. Alternate years.

F 399 Les Grandes Oeuvres Contemporaines (3-0-3). Representative unabridged selections of the works of major authors and thinkers of France and the French speaking world since the beginning of the Second World War; for example, Aynre, Beckett, Sartre, Camus, Levy-Strauss and Chardin among others. Prerequisite: F 202 or equivalent. Alternate years.

F 378 La Civilisation Francaise Historique (3-0-3). Studies in the development and expansion of French culture from pre-history to the French Revolution. History, politics, art, geography, literature, music and science; assessment of the contribution of French Civilization to the Western World. Prerequisite: F 202 or PERM/DEPT. Alternate years.

F 377 La Civilisation Francophone Moderne (3-0-3). Studies in modern French civilization since the end of the “ancien regime,” the French Revolution; history, politics, art, geography, literature, music and science; assessment of France's contribution to modern democracies. Prerequisite: F 202 or PERM/DEPT. Alternate years.

GR GREEK

GR 101-102 Greek Language & Literature (3-0-3). An introductory course providing the student with a basic knowledge of the forms and syntax of the language, with reading exercises and passages excerpted from ancient authors. Translation and analysis of extended pagan and Christian texts is undertaken. Etymological study illustrates the debt of modern languages to Greek. Alternate years.

LA LATIN

LA 101-102 Latin Language & Literature (3-0-3). An intensive, one year, introductory course to provide a basic reading ability in classical Latin, and a basic knowledge of ancient Roman literature. The vocabulary, forms and syntax of Latin are emphasized with passages excerpted from Latin authors. Etymological study illustrates the debt of modern languages to Latin. Alternate years.

R RUSSIAN

R 101-102 Elementary Russian (4-1-4). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. Classes meet four times a week, and there is one hour per week of required laboratory practice. The course is conducted in Russian.

GR GERMAN

LOWER DIVISION

G 101-102 Elementary German (4-1-4). Listening, speaking, reading and writing skills in cultural framework. May not enroll in G 101 for credit with more than one year of high school German or equivalent by PERM/INST. Students in G 102, lacking adequate preparation may drop back to G 101.
SCHOOL OF ARTS & SCIENCES

G 101P-102P Programmed Elementary German (0-4-4). Self-paced course; programmed texts, tapes, readings. Informal meetings with instructor. Performance tests at student's pace. Work in language lab or access to cassette player needed. May not enroll in G 101P with more than one year high school German or equivalent except with PERM/INST. Students lacking adequate preparation may do so.

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

UPPER DIVISION

G 303 Advanced German Conversation and Composition (3-0-3). Practice towards idiomatic fluency. Readings from newspapers, magazines, essays, discussion of slides, tapes, and films. Frequent written required. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 304 Advanced German Conversation and Composition (3-0-3). Similar goals and format to G 303. More extended writing assignments. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 331 Introduction to German Literature and Literary Studies (3-0-3) (F). Major writers and periods provide samples from traditional systems, science and theatre, arts and music, economic and business life, social and political movements, periods, works, and authors from Goethe, Schiller, Hölderlin, Kleist, Jean Paul, Tieck, Friedrich Schlegel, Chamisso, Grillparzer, Hebbel, Gottheif, Keller, Stifter, Storm, C.F. Meyer and others. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 376 German Culture and Civilization (3-0-3). German civilization from prehistoric times through the 18th century. Special attention paid to contributions of Germany, Austria, and Switzerland to western civilization. Class conducted in German. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 377 German Culture and Civilization (3-0-3). German civilization from 1800 to present. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 410 Applied Linguistics for the German Language Teacher (2-0-2). Functional application of linguistic theory to foreign language teaching and learning practices. Analysis of ways in which traditional, descriptive, and transformational models deal with phonology, morphology and syntax. Prerequisite: LI 206 and 207 or equivalent as determined by placement examination and consultation. Alternate years.

G 415 Aufklärung und der Sturm und Drang (18th Century) (3-0-3). Essays, plays, fictional prose and poetry marking the intellectual ferment of the Enlightenment and the "Sturm and Stress". Selections from Gottsched, Hiler, Hoffbauer, Kleist, Jean Paul, Tieck, Friedrich Schlegel, Chamisso, Brentano, etc. Prerequisite: G 331 or PERM/INST. Alternate years.

G 425 Der Traum der Antike und die Traumwelt (1780-1820) (3-0-3). Readings from the classical and romantic periods in their general historical and historical context. Selections from Goethe, Schiller, Hölderlin, Kleist, Jean Paul, Tieck, Friedrich Schlegel, Chamisso, Brentano, etc. Prerequisite: G 331 or PERM/INST. Alternate years.

G 430 Reaktion: liberal and konservativ (19th Century) (3-0-3). Selections from a wide cross-section of 19th century German Literature: Buchner, the "Young Germans". Britzke, Herder, Gotthalt, Schiller, Stifter, Storm, C.F. Meyer and others. Prerequisite: G 331 or PERM/INST. Alternate years.

G 445 Die moderne Zeit beginnt (1860-1945) (3-0-3). "I'm..." trends and writers from the turn of the century, through the Weimar Republic, to the collapse of the Third Reich: Naturalism, Expressionism, Verstehen, Expressionismus, Neues Werk, Neues Schicksal, Munich, Weimar, Berlin, German Literature, and Exile Literature. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered 1983-84.

G 455 "Ala der Krieg zu Ende war...", (1945-present) (3-0-3). Selections will be taken from the authors, essayists, dramatists and poets who have appeared on the scene since about 1945 treating the war and post-war experience, and the human condition in the contemporary world. Austrian, East German, Swiss and West German writers. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 425 Literatura Contemporanea Espanola (3-0-3). Literature of Ideas in contemporary Spanish-America through major representative authors and works. Genesis of modern thought and new perspectives in today's Hispanoamerica. Prerequisites: G 331 or equivalent as determined by placement examination and consultation. Alternate years.

G 435 Llteratura Hispanoamerica: Siglo 19 (3-Q.3). A detailed study of the representative movements, periods, works, and authors from 1800 to 1910. Prerequisite: LI 306 and six Upper Division credits of Spanish or equivalent. Alternate years.

S 101-102 Elementary Spanish (4-1-4). Develops abilities in understanding, speaking, reading and writing. Offers a basic study of grammatical structures and vocabulary. Topics for conversation, reading, and writing focus upon culture of the Hispanic countries. Prerequisites: S 102 or equivalent as determined by placement examination and consultation.

S 203 Spanish for the Native Speaker (4-0-4). A course designed especially for students with learning ability but no formal training in grammar, reading, writing, and standard oral communication. Students qualified for this course cannot challenge S 202. Prerequisite: S 201 or equivalent as determined by the placement test. Course conducted in Spanish. Offered in alternate academic years.

S 205 El VERNacular Mexicano-Americano (3-0-3). This course is intended to acquaint students with the vernacular of the Mexican-American community. Particular attention is given to the linguistic, social and cultural determinants, such as vernacular vocabulary, idiom, localism, phonology, and syntactical variants, that have been recently observed in contemporary usage. Prerequisite: S 201 or equivalent. Course conducted in Spanish. Offered in alternate academic years.

UPPER DIVISION

S 303 Advanced Spanish Conversation and Composition (3-0-3) (Alternate years). Expands facility in expressive conversation as well as accuracy in writing Spanish. Offers analysis of grammar and expansion of vocabulary through cultural and literary readings. Discussion of issues related to contemporary Hispanic trends, current life, and other themes of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Alternate years.

S 304 Advanced Spanish Conversation and Composition (3-0-3). Designed to continue expanding facility in expressive conversation and accuracy in writing Spanish. Discussion of topics related to contemporary Hispanic world, and other areas of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Alternate years.

S 331 Introduction to Hispanic Literatures and Literary Analysis (3-0-3) (F). A theoretical and practical study of literary analysis, the different genres, movements and periods, as well as the various approaches to literary explanation, interpretation and criticism, using as models some of the major works of Hispanic literature. Prerequisite: S 202 or equivalent as determined by placement examination and consultation.

S 376 CULTURA Y CIVILIZACION ESPANOLA (3-0-3). Spanish civilization from earliest Iberian beginnings to the present. Special attention given to contributions of Spain to western world. Course conducted in Spanish; some readings in English. Papers required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Alternate years.

S 377 CULTURA Y CIVILIZACION HISPANOAMERICANA (3-0-3). Spanish civilization from ancient origins to contemporary times. An intensive analysis of the historical, political, economic, social and cultural developments of the Hispanic-American nations, and their contributions to the western world. Discussions in Spanish; some readings in English. Papers required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Alternate years.

S 378 Panorama de la Tradicion Cultural Mexicana-Americana (3-0-3). An exploration of the Mexican-American cultural tradition, both with respect to its history as well as its influence on the contemporary American: music, dance, art, folklore, customs, beliefs, and institutions. Prerequisites: S 202 or equivalent. Course is conducted in Spanish. Offered in alternate academic years.

S 385 LA GENTE MEXICANA-AMERICANA en los Estados Unidos (3-0-3). Deals with the historical works of Mexican-Americans, through the Spanish conquest of Mexico and the Colonial period, the Mexican-American War, and the development of the Mexican-American population in the United States over the past 120 years. Readings and papers in English and Spanish required. Prerequisite: S 331

S/TE 499 Teaching Spanish as a First Language in Elementary School (3-0-3). (La Enseñanza del español como lengua primera). A practical course designed for the elementary teacher who needs to develop Spanish-speaking students to develop their basic skills in listening, speaking, reading and writing Spanish. The emphasis is on developing approaches to understand and overcome specific language difficulties which originate in bilingual/bicultural instruction. Prerequisite: S 292 (S 290). Course is conducted in Spanish. Offered in alternate academic years.

S 410 Applied Linguistics for the Spanish Language Teacher (3-0-3). Applies the main concepts of modern linguistics to specific problems in the teaching of the Spanish language. Application of linguistic theory to foreign language teaching with emphasis on the analysis of ways in which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology and syntax. Prerequisite: LI 306 and six Upper Division credits of Spanish or equivalent. Alternate years.

S 411 ESPAÑOL AVANZADO (3-0-3). An advanced oral and written communication course for those who need extended training in expressing ideas. Special emphasis on prose, style, vocabulary building, appropriateness of idioms and figures of speech, with major focus on non-fiction works used as examples. Frequent essays required. Prerequisites: S 306 and S 307. Course is conducted in Spanish. Offered in alternate academic years.

S 425 LITERATURA MEXICANA-AMERICANA (3-0-3). Representative writings by major Mexican-American authors, with emphasis on social and literary values. Prerequisite: S 331 or PERM/INST. Alternate years.

S 435 LITERATURA CONTEMPORANEA ESPANOLA (3-0-3). Literature in contemporary Spanish through major representative authors and works. Genesis of modern thought and new perspectives in today's Spanish language. Offered in alternate academic years.

S 437 LITERATURA CONTEMPORANEA HISPANOAMERICANA (3-0-3). Literature of ideas in contemporary Spanish-America through major representative authors and works. Genesis of modern thought and new perspectives in today's Hispanic literature. Prerequisite: S 331 or PERM/INST. Alternate years.

S 445 ESPAÑA Espanola: Siglo V Y VI (3-0-3). The main manifestations of thought and literature from 1700 to 1900, including the periods of the Enlightenment, Realism and Romanticism. Prerequisite: S 331 OR PERM/INST. Alternate years.

S 447 LITERATURA HISPANOAMERICANA: SIGLO XIX (3-0-3). A detailed study of the representative movements, periods, works, and authors from 1800 to 1910. Prerequisite: S 331 OR PERM/INST. Alternate years.
DEPARTMENT OF GEOLOGY AND GEOPHYSICS

Science Building, Room 119  Phone 208/385-1631

Chairman Professor: Dr. Claude Spinoso; Professors: Hollenbaugh, Wilson, Warner, Associate Professors: Donaldson, Waag, Wood; Assistant Professors: Bentley, White, Pelton; Adjunctive Faculty: Delisio, Stephenson, Greenfield.

The Department of Geology and Geophysics provides four degree programs: 1) Bachelor of Science in Geology, 2) Bachelor of Science in Geophysics, 3) Bachelor of Science in Earth Science Education, and 4) Master of Science in Secondary Education, Earth Science emphasis. Nondegree course offerings in Geology meet the 15 credit requirement under the 30-15-15 Social Sciences Secondary Education Degree Program offered in the Departments of Economics, History, Political Science, and Societal and Urban Studies.

The curriculum leading to the BS degree in Geology is designed for those students who plan a career in Geology or who plan to attend graduate school. The curriculum leading to the BS degree in Earth Science Education is designed to prepare the student to teach Earth Science in secondary school and to meet the teacher certification requirements of the State of Idaho. The curriculum has full national accreditation.

The program leading to the BS degree in Geophysics is designed for students who would like a career in Geophysics or who plan to attend graduate school. The need for geophysicists has grown greatly in recent years with the increased emphasis on quantitative geosciences. The curriculum offers a broad background of courses in Geology, Math, Chemistry and Physics to support the Geophysics courses, preparing the student for professional employment or graduate school.

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

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

It is strongly recommended that high school students who plan to enter the Geology, Geophysics, or Earth Science program include Chemistry, Physics, and as much Mathematics as possible in their high school program.

GEOLoGY MAJOR

Bachelor of Science Degree

I. Major Requirements

A. Geology and Geophysics

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>College Chemistry (C 131, 132, 133, 134)</td>
<td>4</td>
</tr>
<tr>
<td>English Composition (E 101 and 102)</td>
<td>3</td>
</tr>
<tr>
<td>Physical Geology (GO 101)</td>
<td>4</td>
</tr>
<tr>
<td>Historical Geology (GO 103)</td>
<td>4</td>
</tr>
<tr>
<td>Algebra and Trigonometry (M 111)</td>
<td>5</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M 204)</td>
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II. Geophysics (Suggested Program)

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Cartography (GG 220)*</td>
<td>3</td>
</tr>
<tr>
<td>Mineralogy (GO 221)</td>
<td>3</td>
</tr>
<tr>
<td>Optical Mineralogy (GO 232)</td>
<td>3</td>
</tr>
<tr>
<td>Ig. &amp; Met. Petrology (GO 322)</td>
<td>3</td>
</tr>
<tr>
<td>Ig. &amp; Met. Petrography (GO 324)</td>
<td>3</td>
</tr>
<tr>
<td>Field Geology (GO 280)</td>
<td>3</td>
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<tr>
<td>Physics (PH 101-102)*</td>
<td>4</td>
</tr>
<tr>
<td>Calculus &amp; Analytic Geometry (M 205)*</td>
<td>4</td>
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<tr>
<td>Area I &amp; II electives</td>
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III. Area Electives

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>Upper Division Geology &amp; Geophysics Electives</td>
<td>3 or 6</td>
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<td>15 or 18 or 18 or 18</td>
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</tbody>
</table>

*See alternate courses under requirements.
SCHOOL OF ARTS & SCIENCES

EARTH SCIENCE EDUCATION MAJOR
(Bachelor of Science Requirements)

1. General College and Baccalaureate Degree Requirements.
   See pages 31-33 for Graduation Requirements.

2. Major Requirements

   CREDITS
   A. Geology ........................................ 30
      Physical Geology ............................ 4
      Historical Geology .......................... 4
      Introduction to Ocean Geology ............ 3
      Meteorology .................................. 3
      Geology Seminar ................................ 1
      Geomorphology ................................ 3
      Geology electives to total 30 credits
   B. College Chemistry ............................... 9
   C. General Physics or General Biology ........ 8
   D. Mathematics through M-204 .................. 10
   E. Astronomy ...................................... 4
   F. Recommended Electives ........................ 6-8
      Geography ................................. Communication
      Foreign Language ............................. Life Science
      Mathematics ....................................

3. Education Requirements (See pg 104) ........ 25-30
   The following are required for Secondary Teaching
   Certification in Idaho:
      Foundations of Education .................. 3
      Educational Psychology .................... 3
      Secondary School Methods .................. 3
      Secondary Student Teaching ............... 9-14
      Educating the Exceptional Secondary Student TE 333.1
      Reading in Content Subject TE 307 ......... 3
      Teaching Science in Secondary Schools GS 305 ...... 3

GEOPHYSICS MAJOR
(Bachelor of Science Requirements)

1. General University and BA Degree Requirements

2. Major Requirements:

   A. Geophysics ..................................... 16
      Introduction to Applied Geophysics GP 301 .... 3
      Physics of the Earth GP 325 .................. 3
      Applied Geophysics I & II GP 451, 452 ....... 10
   B. Geology .......................................... 27
      Physical Geology GO 101 .................... 4
      Historical Geology GO 103 .................... 4
      Mineralogy GO 221 ............................. 3
      Optical Mineralogy GO 232 .................. 2
      Igneous & Metamorphic Petrology GO 323 .... 3
      Igneous & Metamorphic Petrography GO 324 .... 1
      Stratigraphy GO 312 .......................... 3
      Structural Geology GO 314 ................... 3
      Advanced Field Geology GO 480 ............. 4
   C. Chemistry ........................................ 9
      College Chemistry C 131, 132, 133, 134 .... 9
   D. Physics ......................................... 14
      Physics I, II and III with Labs PH 220-224 .... 11
      Electricity and Magnetism PH 381 ............ 3
      (Numerical Analysis M 340 or Advanced
      Engineering Math M 322 may be taken in
      place of PH 381)
   E. Mathematics .................................... 19
      Calculus and Analytic Geometry M 204, 205, 206 .... 13
      Advanced Engineering Math M 321 ............ 4
      Digital Computer Programming M 124 (or EN 104) .... 2
   F. Unrestricted Electives ........................ 16
      Geophysics GP 497

GEOPHYSICS MAJOR
(Suggested Program)

FRESHMAN YEAR:
English Composition .......................... 3
Physical Geology ................................ 4
Historical Geology ............................... 4
Mathematics ....................................... 5
College Chemistry ............................... 5
         16

SECOND YEAR:
Foundations of Education .................... 3
Geography ......................................... 3
General Physics or General Biology ......... 4
Intro to Ocean Geology ....................... 3
Meteorology ...................................... 3
General Psychology ................................ 3
Degree Requirements ........................... 6
Astronomy ........................................ 4
         17

JUNIOR YEAR:
Upper Division Geology ....................... 4
Degree Requirements ........................... 3
Upper Division Electives ...................... 7
Geomorphology .................................. 3
         17

SENIOR YEAR:
Educational Psychology ...................... 3
Upper Division Geology ....................... 6
Seminar .......................................... 1
Secondary School Methods .................... 3
         15

ELITE SCIENCE EDUCATION MAJOR
(Freshman Program)

FRESHMAN YEAR:
Physics I PH 220 ................................. 4
Physical Geology GO 101 ....................... 4
Calculus & Anal. Geometry M 204, 205 ........ 5
College Chemistry C 131, 132, 133, 134 .... 4
English Composition E 102 ..................... 3
Historical Geology GO 103 ..................... 4
Digital Computer Programming EN 221 ......... 2
         16

SOPHOMORE YEAR:
Calculus & Anal. Geometry M 206 ............. 4
Advanced Engineering Math M 321 ............ 4
Physics II & III PH 221, 222 .................. 3
Physics Lab PH 223, 224 ....................... 1
Mineralogy GO 221 ............................... 3
Optical Mineralogy GO 232 ................... 2
Igneous & Met. Petrology GO 323 ............ 3
Igneous & Met. Petrography GO 324 ............ 1
Area I & II Requirements ........................ 3
         16

JUNIOR YEAR:
Structural Geology GO 314 .................... 3
Stratigraphy GO 312 ............................ 3
Physics of the Earth GP 325 .................. 3
Area I & II Requirements ........................ 3
Intro Applied Geophysics GP 301 ............. 3
Unrestricted Electives .......................... 6
         15
SCHOOL OF ARTS & SCIENCES

GO GEOLOGY

LOWER DIVISION

GO 100 Fundamentals of Geology (3-3-4) (AREA III). An introduction to the principles of Physical and Historical Geology. Topics include weathering, erosion, glaciation, volcanism, earthquakes, rocks, minerals, maps, the origin of the earth and its physical and biological development, Geology, or Earth Science majors, and those non-science majors who plan an eight hour sequence in Geology.

GO 101 Physical Geology (3-2-4) (AREA III). A study of the origin and development of the earth, its materials and processes. Topics include weathering, erosion, volcanic, earthquake, and plate tectonics. Rocks, minerals and topographic and geologic maps are studied in the laboratory.

GO 103 Historical Geology (3-3-4) (AREA III). A study of the origin and progressive development of the earth and evolution of its surface. 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. Prerequisite: GO 101.

GO 105 Rocks and Minerals (2-3-3) (F/S). A systematic study of rocks and minerals, with emphasis on physical and chemical classification. Field trips and laboratory sessions are part of the course for those taking the class for credit. Prerequisite: High school chemistry or PERM/INST.

GO 111 Geology of Idaho and the Pacific Northwest (3-0-3) (Field trips required). A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and geologic features, structural and stratigraphic features, mineral deposits, fossil and gem areas, and current problems in natural resource products. Prerequisite: GO 102 or PERM/INST.

GO 201 Introduction to Ocean Geology (3-0-3) (F/S). A general study of the physiography, the structures, and the sedimentary origins of the ocean floors and the geologic processes and environments represented by sediments. Methods and instruments of ocean floor investigation are also studied. Prerequisite: GO 103.

GO 203 Introduction to Meteorology (3-0-3) (F/S). 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.

GO 211 Mineralogy (2-3-3) (F). A study of the chemical and physical properties of minerals and their relationships to geologic environments. The laboratory work includes the study of crystal symmetry, hand sample identification and classification of minerals. Prerequisite: GO 101.

GO 220 Optical Mineralogy (1-3-2) (F). The study of the application of the polarizing microscope to the examination of minerals in immersion media and primarily in thin section. The study of crystal optics and the use of the petrographic microscope for the identification and qualitative examination of minerals. Corequisite: GO 221.

GO 250 Principles of Paleontology (2-3-3) (F/S). Overview of paleontology for non geology students. Evolution, taxonomy, and stratigraphy of important fossil groups. Laboratories to study small collections and simple museum methods. Term paper or project.

GO 280 Field Geology (1-6-3) (F). Techniques of field mapping to solve geologic problems. Evaluation, mapping and data collection for mineral deposits, sequence of formations and facies, and correlation techniques. The classification and mapping of deformed rocks, their measurement, and analysis. Course will emphasize structural procedures, map interpretation, and data analysis. Two weekend field trips required. Required field work on Friday afternoons. Prerequisites: GO 101, 103, 102, Corequisite: M 111.

UPPER DIVISION

GO 311 Sedimentology (2-3-3) (F). A study of the classification of sedimentary rocks and processes involved in their genesis. Major headings are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Field and laboratory techniques are stressed. Laboratory work consists of compositional and textural analyses. Prerequisites: GO 221.

GO 312 Stratigraphy (2-3-3) (S). Emphasis on the study of sedimentary strata with cheerful section as special aim. Emphasis is placed on principles and techniques of rock sequences and facies, and correlation techniques. The classification and dating of sedimentary units is the end result. Prerequisite: GO 311.

GO 313 Geomorphology (2-3-3) (F). A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers and the process by which they are formed and changed. Laboratory work consists of map studies and field investigations. Prerequisite: GO 103, E 102.

GO 314 Structural Geology (2-3-3) (S). A study of the description and classification of structural geology and its special aim. Emphasis is placed on structural and geometric features of rocks in the earth's crust and the theoretical and mechanical explanations of their origin. Lab problems in three-dimensional visualization, geometric analysis, and solution of structural problems, utilizing maps and cross-sections. Prerequisite: GO 101, M 111, GO 221.

GO 323 Igneous and Metamorphic Petrology (3-3-3) (S). A study of igneous and metamorphic rocks with emphasis on the physical and chemical constraints on their origin, occurrences and associations. A review of the classification schemes of these rocks and their tectonic affiliations. Prerequisite: GO 221, GO 223 Corequisite: GO 324.

GO 324 Igneous and Metamorphic Petrology (3-3-3) (S). The study of igneous and metamorphic rocks in thin section by means of the polarizing microscope. A systematic survey of the types of igneous and metamorphic rocks and study of their origin and histories through examination of their mineralogy, textures, fabrics, and alteration. Prerequisite: GO 223 Corequisite: GO 323.

GO 331 Invertebrate Paleontology (3-3-3) (Field trips required). The study of the invertebrate fossils represented in the local stratigraphic record. Special emphasis is placed on hard-part morphology, ontogeny, phylogeny and taxonomy of the geologically most important groups. Laboratory work based on standard collections. Special project, field trips. Prerequisite: GO 100.

GO 403 Engineering Geology (3-3-3) (F). Introduction to soil and rock mechanics. Slope stability analysis. Surface and subsurface exploration of sites. Geological and geotechnical considerations for construction projects. Current applications of mapping procedures, map interpretation, and data analysis. Site selection will include review and comparison of tectonic styles of deformation of different geologic provinces throughout North America. Even numbered years. Prerequisite: GO 314.

GO 421 Ore Deposits (3-0-3) (F). Genesis, structure, associations and geophysical considerations for construction projects. Introduction to ore deposits, origin, and migration of ore-bearing fluids, and the processes of alteration, and secondary enrichment, controls of occurrence, and the economics of exploration, development and use of ores. Prerequisites: GO 201 and GO 202, GO 314.

GO 422 Exploration and Mining Geology (3-0-3) (S). The course emphasizes geologic engineering, and economic factors as they relate to exploring for and developing mineral deposits. The philosophy and methodology of systematic data gathering, processing and presenting data, development of exploration and development discussions are also studied. Field trips required.

GO 432 Regional Geology (3-3-3) (S). A study of the geomorphic properties of deformed rocks, their measurement, and analysis. Course will emphasize structural analysis of folded and faulted terrains and metamorphic terrains, mapping procedures, map interpretation, and data analysis. Study will include review and comparison of tectonic styles of deformation of different geologic provinces throughout North America. Odd numbered years. Prerequisite: GO 314.

GO 450 Petroleum Geology (3-0-3) (S). A study of volcanic processes and the deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of magmas and of the types of volcanic vents and vent structures produced. Field and petrographic characteristics of various types of volcanic deposits as well as their volcanic-tectonic relationships will be emphasized. Prerequisite: GO 323.

GO 471 Regional Field Study Project Writing (1-0-1). Extensive field trip over spring semester break to study the geology of classic localities in the western United States. Course will require assembly of pertinent geologic maps and literature, recording of geologic observations, and preparation of a comprehensive report on the geology of areas visited. Prerequisite: Upper division standing or PERM/INST.

GO 472 Advanced Field Geology (1-4-3) (S). Field geologic mapping of at least two areas with a diversity of geologic relationships. Large scale mapping will emphasize solution of the problem of significance of the geology in economic or engineering geology and include petrographic laboratory work in addition to field work. Map and accompanying geologic report will be of professional quality. Field work on weekends is required. Prerequisite: GO 280, GO 314, GO 336, Corequisite: GO 472.

GO 473 Senior Thesis (4-6 credits). Field study involving an original investigation in geology or geophysics, carried out independently. But supervised by one or more faculty members. Problem must be well-stated and method of study designed to give a continuing result. Project may be substituted for GO 480 upon approval by a committee of three department faculty members. Prerequisite: Senior standing.

GO 489, 499 Geology Seminar (1-0-1). Research project based on field and/or literature studies. Fundamentals of geologic report preparation and oral presentations. Prerequisite: Geology major or Earth Science Education major.

GG GEOGRAPHY

LOWER DIVISION

GO 101 Introduction to Geography (3-0-3) (F/S). A comprehensive survey of various environments of man in a study of regional and world patterns. Basic concepts and techniques used in geography and the utilization of natural resources are introduced.

GO 102 Cultural Geography (3-0-3) (F/S). A study of the distribution and character of man's cultural activities throughout the world with analysis of man-land relationships.

GO 201 The Use and Interpretation of Maps (3-0-3) (F/S). An intensive use and interpretation of a wide spectrum of map types, their advantages and limitations for students of various fields, such as Archaeology, History, Geography and teaching.

GO 220 Cartography (1-6-3) (F/S). A study of the methods, concepts, techniques, and instrumentation of map construction. Includes computer compilation and graphing of geographic data, use of coordinate systems, map projections, and scale. Lettering tools, graphic design, dimensional problems, computer mapping, and aerial photography are discussed.

GO 424 Geography of Idaho and the Pacific Northwest (3-3-3) (F/S). Physical and cultural geography of the Pacific Northwest with emphasis on Idaho. Study includes the continuing physical, biological, social, political, and economic changes and the role of the region in relationship to the United States.

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I. Liberal Arts Option

The Liberal Arts Option prepares the student for a teaching career. Specific requirements for each degree are listed below.

A. General University Requirements to include:

1. Lower Division Courses 15
   - History of Western Civilization
   - U.S. History HY 151, 152 or 251, 252
   - Introduction to the Study of History HY 210
   - U.S. History Electives (Upper Division)
   - Seminar or Colloquium
   - Additional History Electives (Upper or Nonrequired Lower Division)
   - Education Requirements for State Certification for Secondary Education to include SS 490
   - Electives

2. American National Government 3
3. History Requirements: 15
   - Lower Division Courses
   - History of Western Civilization
   - U.S. History HY 151, 152, or 251, 252
   - Introduction to the Study of History HY 210

**Language equivalency required by the History Department will be determined by the Department of Foreign Languages.**

**Majors must have course work distributed between U.S. and European history, so that each course is in a different time period.**

IV. History—Social Science Secondary Education Option

The Social Science Secondary Education Option Degree Programs are cooperative, interdisciplinary programs involving the Departments of Economics, History, Political Science, and Sociology. Each department provides a major curriculum of not less than 30 credit hours. In addition, each of the previously listed departments, with the inclusion of Anthropology, Geography, and Psychology, provide for a minor curriculum of not less than 15 credit hours with the addition of 6 hours of U.S. History as a certification requirement. A student enrolled in a Social Science Secondary Education Option must include one major curriculum and one minor curriculum in the degree program. The student is assigned to the department with the major curriculum: History.

A. Lower Division Courses:

1. U.S. History HY 151, 152 or 251, 252
2. Western Civilization HY 101, 102 or 201, 202
3. History of Western Civilization
4. U.S. History HY 151, 152 or 251, 252
5. Seminar or Colloquium
6. Additional History Electives (Upper or Nonrequired Lower Division)

7. Education Requirements for State Certification for Secondary Education to include SS 490
8. Electives

To be chosen by student in consultation with advisor from two of the three of the Department's offerings (U.S., European, Third World).

The Social Science Secondary Education Option Degree Programs are cooperative, interdisciplinary programs involving the Departments of Economics, History, Political Science, and Sociology. Each department provides a major curriculum of not less than 30 credit hours. In addition, each of the previously listed departments, with the inclusion of Anthropology, Geography, and Psychology, provide for a minor curriculum of not less than 15 credit hours with the addition of 6 hours of U.S. History as a certification requirement. A student enrolled in a Social Science Secondary Education Option must include one major curriculum and one minor curriculum in the degree program. The student is assigned to the department with the major curriculum: History.

A. Lower Division Courses:

1. U.S. History HY 151, 152 or 251, 252
2. Western Civilization HY 101, 102 or 201, 202
3. History of Western Civilization
4. U.S. History HY 151, 152 or 251, 252
5. Seminar or Colloquium
6. Additional History Electives (Upper or Nonrequired Lower Division)

7. Education Requirements for State Certification for Secondary Education to include SS 490
8. Electives

To be chosen by student in consultation with advisor from two of the three of the Department's offerings (U.S., European, Third World).

Social Science Curriculum Minor

Similar Social Science curriculum majors are available in the various Social Science disciplines in which the courses would constitute the 30-credit core of the major and History would serve as one of the associated 20-credit blocks. For such a major the Department of History requires that at least 9 of the 21 History credits be Upper Division, that 6 hours of the 21 History be in U.S. History to meet state certification requirements, and that the remaining courses be selected to complement their major.

IV. History Minor Option

Minor certification endorsements for teaching areas are listed in the Catalog on page 193 of the Department of Teacher Education Section within the School of Education Division.
(Suggested Program)

All History courses specifically required for the major are offered each semester allowing for some flexibility in student scheduling. However, the Department strongly encourages History majors to take HY 210 by the second semester sophomore year before taking any Upper Division History courses.

COURSE OFFERINGS

HY HISTORY

LOWER DIVISION

HY 101 History of Western Civilization (3-0-3) (AREA II). A political, economic, and cultural survey of western civilization from the earliest settled communities of the ancient Near East in the fourth millennium B.C.U. through the cultural renaissance and religious reformation of western Europe in the sixteenth and seventeenth centuries of the Christian era. Not open to students with credit in HY 102. Prerequisite: High school course in World History or related subject matter or PERM/INST.

HY 102 History of Western Civilization (3-0-3) (AREA II). A political, economic, and cultural survey of western civilization from the end of the religious wars of the seventeenth century up through the world-wide expansion of western culture in the twentieth century of the modern era.

HY 104 History of Science (3-0-3) (F/S) Alternate years. A survey on the development of the western concept of science, and cultural and scientific interaction at selected critical points of change in western history; the origins of science under the Greeks; medieval aspects of the ancient world; and scientific revolution of the seventeenth and eighteenth centuries; biological theories; and science in the modern world.

HY 105 Eastern Civilizations (3-0-3) (F/S) Alternate years. An historical survey of the Islamic civilization and the dominant civilizations of south and east Asia, with an emphasis on the Ottoman Turkish Empire and related problems of historical research and development.

HY 151, 152 United States History (3-0-3) (AREA II). First semester: the history of American civilization from Pre-Columbian days to 1877 with emphasis given to the development of the union and expansion. Second semester: a survey of the significant factors influencing American development from the Civil War to the present, including the growth of American business, and the emergence of the nation to a world power.

HY 201 Problems in Western Civilization (3-0-3) (F/S) Alternate years. A study of selected historiographical problems the researcher encounters when interpreting the history of western civilization from ancient Near Eastern to early modern European times. Not open to students with credit in HY 101. Prerequisite: High school course in World History or related subject matter or PERM/INST.

HY 202 Problems in Western Civilization (3-0-3) (F/S) Alternate years. A study of selected historiographical problems the researcher encounters when interpreting the history of western civilization from early modern European times up through the modern twentieth century era. Not open to students with credit in HY 102. Prerequisite: High school course in World History or related subject matter or PERM/INST.

HY 255 Lewis and Clark (2-0-2) (S). A survey of the "coops of discovery" from Wood River, Illinois, to the ocean and return, with study of the medical, scientific, anthropological and other aspects of the expedition.

HY 210 Introduction to the Study of History (3-0-3). An introduction to the study of history for liberal arts students, exploring the nature of the discipline, and dealing with practical problems of historical research and writing, including the applications of various methodological approaches to the analysis of data. Required of all history majors, liberal arts option, prior to taking any upper division history courses.

HY 251 Problems in U.S. History (3-0-3) (F/S) Alternate years. Selected problems from colonial times through reconstruction following the Civil War. Not open to students who have completed HY 151. Prerequisite: High school history course or PERM/INST.

HY 252 Problems in U.S. History (3-0-3) (S) Alternate years. Selected problems from the rise of industrialism after the Civil War to the present. Not open to students who have completed HY 152. Prerequisite: High school history course or PERM/INST.

HY 251 History of Minorities in the United States (3-0-3) (F/S). Problems encountered by ethnic minorities in their quest for equal opportunity and equal rights.

UPPER DIVISION

HY 202 The Age of Absolutism and reason (3-0-3) (F/S). A study of European thought in the seventeenth and eighteenth centuries: The Age of Absolutism, ideas of the philosophes, and the crisis of the old regime leading to revolution. Prerequisite: HY 102. Suggested additional preparation, HY 101.

HY 203 Modern Germany (3-0-3) (F/S). The struggle for German unity and the political, economic and cultural transformation of East Asia as a result of its interaction with the West. Alternate years.

HY 252 History of the Far East (3-0-3) (F/S). A survey of the history of Soviet Russia from the last tsars through the present. Alternate years.

HY 204 Ancient Greece (3-0-3) (F/S). A study of the ancient Greek world from the Minoan sea power to the fall of the Roman Empire, especially in the late tenth to the fourth century B.C. Political, economic, and cultural history are emphasized with special attention given to the outstanding achievements of the Greeks in political and philosophical thought, epic and lyric poetry, historical writing and visual arts. Prerequisite: HY 101, PERM/INST. Alternate years.

HY 205 Ancient Rome (3-0-3) (F/S). A survey of Rome from its earliest beginnings under Etruscan tutelage through its imperial phase in the fifth century of the Christian era. Emphasis on political and military developments, social and religious changes, outstanding personalities, and literary, legal and artistic achievements. Prerequisite: HY 101 or PERM/INST.

HY 206 Early Christianity (3-0-3) (F/S). A study of the rise and development of Christianity from its Jewish and Greek origins up to the establishment and elaboration as the state religion of the late Roman empire in the fifth century. Doctrinal, ethical, organizational, liturgical and aesthetic developments within the Christian movement, especially in the political, social and cultural role of the Church within the late empire, are analyzed through the media of early Christian and contemporary pagan papyrus and artistic remains. Alternate years.

HY 207 Medieval Europe (3-0-3) (F/S). A survey of the political, religious, economic, and cultural development of Western Europe from the fourth to the fourteenth century. Special emphasis given to the Constantianian revolution, the rise and elaboration of monasticism, the Carolingian empire, feudalism and chivalry, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Alternate years.

HY 208 Living Religions: A Comparative Historical Study (3-0-3) (F) Alternate years. A comparative analysis of the major active religious traditions of the world, treating their historical development, philosophical foundations and social and political ramifications, especially in modern times, with emphasis on Islam, Hinduism, Buddhism, Taoism, Shintoism, Confucianism and Christianity. Prerequisite: HY 106.

HY 209 History of Modern South Asia: India, Pakistan and Burma from 1750 to the Present (3-0-3) (F) Alternate years. The Mughal Empire; its decline, the rise of British Power; its social, political, and economic impact; South Asian reaction to British rule; the rise of nationalism and independence; and Indian and Pakistani history since 1947.

HY 210 History of Modern Africa: 1750-Present (3-0-3) (F) Alternate years. History of the African continent from 1750 to the present with emphasis on the sub-Saharan regions, including the slave trade, its abolition, the pre-colonial and colonial era, independence movements and the emergence of the modern African state. Mediterranean, Black and White African states will be included.

HY 211 The Islamic Middle East (3-0-3) (F). A history of the people, institutions and culture of the Near and Middle East from Mu'ammed to the decline of the Ottoman and Safavid dynasties in the eighteenth century. Alternate years.

HY 212 The Modern Middle East (3-0-3) (F). A history of the Near and Middle East during the nineteenth and twentieth centuries, the decline of the Ottoman Empire, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. Prerequisite: HY 106 recommended. Alternate years.

HY 213 History of Sports and the American Ideal (3-0-3) (F). Traces the historic development of sport in America and its impact on American society. From Indian games to Big League this course has something for every interest. The area of sport is placed within the context of American thought and the social milieu of the nation.

HY 252 United States Social and Cultural History (3-0-3) (F/S). Selected themes from colonial times to the present. The nature and meaning of the national experience, customs, traditions and intellectual developments. Prerequisite: HY 151, 152 recommended.

HY 253 Diplomatic History of the United States (3-0-3) (F/S). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments upon the formulation of foreign policies. Prerequisite: HY 151, 152 or PERM/INST. Alternate years.

HY 254 United States Constitutional History (3-0-3) (F). A study of the origins, writing and development of the American constitution emphasizing the role of the Supreme Court. Prerequisite: HY 151, 152 or PERM/INST. Alternate years.

HY 255 History of Ireland (3-0-3) (F/S). The development of the concept of an Irish nationalism and the effects of the long colonial relationship between Ireland and Great Britain; the struggle for Irish independence, the contemporary Ulster issue. Alternate years.

HY 256 Colonial America (3-0-3) (F). Colonial rivalry in North America: an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: HY 151 or PERM/INST. Alternate years.

HY 257 The National Era, 1815-1848 (3-0-3) (F). The development of American nationalism; the era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; the beginnings of sectional rivalry, and the Mexican War. Prerequisite: HY 151 or PERM/INST.

HY 258 Civil War and Reconstruction (3-0-3) (F). A study of the origins of the conflict between the states, the encounter and the problems of reunification. Prerequisite: HY 151 or PERM/INST. Alternate years.
The Department of Mathematics provides two Bachelor Degree Programs. The curriculum leading to the Bachelor Degree in Mathematics is designed for those students whose career interests involve the use of mathematics or who plan to attend graduate school. The curriculum in secondary education is designed to prepare the student to teach mathematics in secondary schools and to meet Idaho teacher certification requirements. The Master Degree Program is to provide advanced education for junior and senior high school mathematics teachers.

**MATHEMATICS MAJOR**

**Bachelor of Arts or Bachelor of Science**

I. Mathematics Degree

1. University Requirements for BA or BS Degree, Including Electives.

2. Mathematics Requirements:

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

   - **Upper Division Mathematics**
     - One or more of:
       - Linear Algebra M 301
       - Intro to Abstract Algebra M 302
       - Number Theory M 308

     - One or more of:
       - Foundations of Analysis M 314
       - Numerical Analysis M 340
       - Complex Variables M 406

     - One or more of:
       - Fundamentals of Statistics M 361
       - Probability & Statistics M 431-432

   - One of the following sequences ending at the 400 level:
     - I. Algebra M 441-442
     - II. Analysis M 401-402
     - III. Probability & Statistics M 431-432
     - IV. Applied Mathematics M 321-322-421
     - V. Computer Science M 354-355-451

   - A 400 level course (of 3 or more credits) in addition to those in the sequence selected. M 406 or M 431-432, which may be used in satisfying specific area requirements, are also allowed in satisfying the overall requirements of 27 Upper Division hours in Mathematics.

   - The particular Mathematics courses used to satisfy the degree requirements may be chosen from specific courses in such areas as: Computer Programming, Applied Mathematics, Statistics, and Theoretical Mathematics. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.

   - Students interested in Engineering can form a program leading to a Bachelor Degree in Mathematics. This program would include many of the Upper Division Physics or Engineering courses offered at BSU and satisfy most of the Mathematics requirements with application-oriented Mathematics courses.

   - A Mathematics Degree Program can also be developed by those students interested in a computer-related career. This program would include many business courses, the courses needed for the Mathematics major, and M 122, M 124, M 226, M 354, M 358 and M 451.

   - For students preparing for graduate work in a mathematical field, both M 401-402 and M 441-442 are recommended. Additional courses should be selected with the aid of the student’s advisor. A reading knowledge of at least one of French, Russian or German is highly desirable.

II. Secondary Education Degree:

1. University Requirements for BS or BA Degree
2. Mathematics Requirements:
A. M 122 or 124 ........................................... 2
B. M 204, 205, 206 or 211, 212 ......................... 10-13
C. M 301 ...................................................... 4
D. At least one of M 302 or 306 ........................... 3
E. M 311 ...................................................... 3
F. M 314 ...................................................... 3
G. M 361 or 431, 432 ....................................... 4-6
H. M 490 ...................................................... 3
I. M 564 or Equivalent Mathematical Application Course .................................................. 3
J. Either 45 semester hours of Mathematics or an approved area of emphasis outside of Mathematics.
(NOTE: For those students planning to teach junior high school Mathematics, M 103 is strongly recommended.)

3. Education Requirements ................................................................. 25-30

MATHMATICS MAJOR
Bachelor of Science
Emphasizing Computer Science
(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
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<tr>
<td>Calculus M 204-205</td>
<td>5</td>
<td>4</td>
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<tr>
<td>First Course in Programming M 122</td>
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<tr>
<td>Fortran M 124</td>
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<tr>
<td>Fundamentals of Speech Communication CM 111</td>
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<td>Area I</td>
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<td>Area II</td>
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<tr>
<td>Electives (Area I)</td>
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<td>16</td>
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SOPHOMORE YEAR:

| Calculus M 206 | 4 | |
| Linear Algebra M 301 | 4 | |
| Microprocessor Assembler PH 307 | 2 | |
| Assembler M 226 | 4 | |
| Principles of Economics EC 201 or 202 | 3 | 3 |
| Advanced Fortran M 225 | 2 | |
| Introduction to Logic PY 121 | 3 | |
| Technical Writing E 202 | 3 | |
| Electives | 4 | |
| | 16 | 16 |

JUNIOR YEAR:

| COBOL DP 360 | 3 | |
| Numerical Analysis M 340 | 4 | |
| Data Structures M 358 | 4 | |
| Programming Languages M 364 | 4 | |
| Statistics M 361 | 4 | |
| Accounting AC 205-206 | 3 | 3 |
| Simulation Techniques DP 345 | 3 | |
| Electives | 3 | 2 |
| | 16 | 17 |

SENIOR YEAR:

| Systems Programming M 451 | 4 | |
| Linear Programming M 456 | 4 | |
| Data Processing Applications DP 405 | 3 | 3 |
| System Analysis and Design DP 420 | 3 | |
| Principles of Finance FI 303 | 3 | |
| Electives (possible Internships) | 6 | 9 |
| | 16 | 16 |

In order for students to complete the requirements for the Secondary Education Degree, certain course scheduling and ordering are necessary. The following suggested program reflects these factors.

SECONDARY EDUCATION DEGREE
(Suggested Program)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
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</tbody>
</table>
M 301 Linear Algebra (4-0-4). Matrix algebra, determinants, vector spaces and linear transformations. Prerequisite: M 206 or 212.

M 302 Introduction to Abstract Algebra (3-0-3). Sets, groups, integral domains, rings, fields. Prerequisite: M 206 or 212.

M 306 Number Theory (3-0-3). Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M 205 or 212.

M 311 Foundations of Geometry (3-0-3). Euclidean, non-Euclidean, and projective geometries from an axiomatic point of view. Prerequisite: M 106 or 212.


M 314 Calculus and Analytic Geometry (4-0-4). Calculus of exponential, logarithmic and trigonometric functions; techniques of integration; indeterminate forms, Taylor's Formula, and infinite series. Prerequisite: M 204.

M 322 Advanced Calculus (5-0-5) (F or S). Analytic geometry, functions, limits, differentiation and integration with applications, transcendental functions, methods of integration. M 211-212 is an accelerated version of the three semester sequence M 204-205-206. The student must have a strong high school background or have completed either M 106 or 111 with a grade of A.


M 225 Calculus and Analytic Geometry (4-0-4) (AREA III). Techniques of problem solving using the computer. Stress will be on logic, axiomatics, sequences, foundations of calculus, structure of the real numbers. Prerequisite: M 206 or 212.

M 226 Assembler Language (4-0-4) (F or S). Assembler language programming for the IBM 3070. Data representation, the machine instructions, looping, address modification, handling of input/output, program sectioning and linking, macros. Prerequisite: M 124 or M 125 or PERM/INST.

M 340 Numerical Analysis (4-0-4) (S). The application of numerical methods to interpretation and analysis of data; general iterative methods; approximation of functions, error analysis, solution of equations with the implementation of computer programming. Prerequisite: M 205 or 212.

M 381 Data Structures (4-0-4). The representation of data; lists, stacks, queues, storage mapping, tree structures, hierarchic data structures, recursion and searching and sorting. Prerequisite: M 206 or 212.

M 406G Theory of Functions of a Complex Variable (3-0-3). Complex numbers, functions, the theory of integration, transformations, infinite series. Prerequisite: M 301, 302. Even numbered years.

M 411 Introduction to Topology (3-0-3). Sets, metric spaces, topological spaces, compactness. Even numbered years. Prerequisite: M 212.

M 412 Fourier Series and Boundary Value Problems (4-0-4) (F). A continuation of M 321-322. The theory of Fourier series, the heat equation, and Laplace's equation. Orthogonal sets of functions and Fourier series solutions. Boundary value problems. Prerequisite: M 205 or 212. Even numbered years.

M 421 Linear Programming (4-0-4) (S). Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M 205. Odd numbered years.

M 490 Mathematics in Secondary Schools (3-0-3) (F or S). Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of Mathematics completed at, or above, the 300 level.

DEPARTMENT OF MILITARY SCIENCE
(ARMY ROTC)

Cadre: Major Pedersen, Capt. Brown, SGM Flowers, SSG Ziegler, SSG DeCorte

The Reserve Officers' Training Corps was established at Boise State University in 1977 under provisions recommended to the State Board of Education and in accordance with national requirements. Under the regulations of the University, participation by students in the program is voluntary.

The objective of the Senior Division, Army ROTC, is to provide university students who have ability and desire an opportunity to become commissioned officers in the United States Army Reserve. In addition, the Senior Division provides a major source of procurement for junior officers in the Regular Army. The procurement is accomplished through the selection of distinguished military graduates.

SCOPE OF INSTRUCTION

General. The complete course of instruction leading to a commission as a Second Lieutenant comprises four years and one summer camp, or two years and two summer camps. Training in military leadership is emphasized. Instruction is given in subjects common to all branches of the Army with stress placed on the following: organization of the Army and ROTC; individual weapons and marksmanship; American military history; management; leadership; map and aerial photograph reading; U.S. Army and national security; military teaching principles; branches of the Army; tactics; communications; operations; logistics; administration; military law; and the role of the United States in world affairs.

Basic Course. The basic course consists of the first two years of Military Science, normally taken during the freshman and sophomore years. Satisfaction of the basic course fulfills one of the requirements for continuation in the four-year program and acceptance into the advanced course. Those students desiring to take the advanced course, but lacking the credit for the basic course, may satisfy the requirements by attending a six-week summer camp between their sophomore and junior year, by obtaining 90 military contact hours, or by academic course substitution. Veterans and some Reserve Component personnel are given military credit for the basic course.

Advanced Course. The advanced course includes two additional years of Military Science and a six-week summer camp. The camp provides for practical application of instruction previously given. Admission to the advanced course is accomplished through concurrence of the President of the University and the Chairman of the Department of Military Science.

REQUIREMENTS FOR ARMY COMMISSIONS

Applicants for admission to the advanced course must (1) have satisfied the requirements of the basic course, successfully completed the six-week summer basic camp or have completed 90 contact hours; (2) be able to complete all requirements for commissioning prior to his/her 30th birthday; (3) be a graduate of a four-year program; (4) be a U.S. citizen; (5) score in the top 30 percent of their high school class; (6) be a graduate of a high school in an approved program; (7) have completed the requirements for a commission in the Regular Army, if applicable.
course and graduate before reaching age 27); (3) successfully complete prescribed survey and general screening tests; (4) be selected by the President of Boise State University or any other institution to which he may thereafter be admitted; (5) execute an individual contract with the government in which the student agrees to complete the advanced course at Boise State University or any other institution to which he may thereafter be enrolled where such course is given; (6) be enrolled in a minimum of five hours a week to the military training prescribed by the Secretary of the Army; (7) attend a six-week summer training camp between the junior and senior year, or in exceptional cases, at the end of the senior year; (8) enlist in a reserve component (this enlistment does not involve additional training or duty but is to insure compliance with the terms of the contract signed by the student); (9) agree to accept a commission if tendered; (10) serve on active duty as an officer for three years or three months as determined by the Department of the Army.

**SCHOLARSHIP**

Financial assistance for selected students is offered through 1, 2, 3, and 4-year scholarship programs paying for tuition, fees, books, and laboratory costs each year plus $100 a month allowance for ten months each year. Each student accepted for this assistance must serve four years of active duty after commissioning.

**FINANCIAL ASSISTANCE**

Each advanced course student receives an allowance of $100 a month for up to ten months a year for two years. Summer camp pay in addition to meals, quarters, and medical and dental attention is paid as follows: Basic camp, $580 (approximately); regular camp, $645 (approximately); travel pay, $.18 1/2 per mile each way. Each uniform allowance of $300 is paid to commissioned student upon entry into active duty.

**UNIFORMS**

Basic and advanced course students will be provided uniforms, texts, and equipment. All such items of clothing and equipment are the property of the U.S. Government and are provided solely for the purpose of furthering the military training of the student concerned. Students are responsible for the safekeeping, care, and return of the property issued to them.

**COURSE OFFERINGS**

**ML MILITARY SCIENCE**

**ML 101 Introduction to Military Science** (1-1-1). Provides an overview of ROTC to include the structure and history of ROTC, the organization of the U.S. Army, Army Reserve and the National Guard, and a discussion of military customs and traditions. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

**ML 102 Introduction to Military Science** (1-1-1). Provides an introduction to Geopolitics, ethics, code of conduct, war strategy and tactics. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

**ML 201 Introduction to Leadership** (2-1-2). Prepares the student for the ROTC advanced course. An introduction to leadership and basic map reading/orienteering. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

**ML 202 Military History** (2-1-2). Prepares the student for the ROTC advanced course. Enables the student to form general concepts of the evolutionary nature of warfare, identifying those elements of conflict which remain relatively constant and those that are modified by time and circumstance. The student will acquire a general knowledge and appreciation of the development of the American Military System and its leaders. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

**ML 301 Leadership and Management** (3-1-3). Increases the student's poise and confidence as a military instructor and leader. Provides information on the branches of the Army available for assignment and prepares each student to make his/her selection during the senior year. Prepares the student for participation in advanced camp. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

**ML 302 Basic Tactics** (3-1-3). Introduces student to the fundamentals of combat operations. Prepares the student for ROTC advanced camp. Develops leadership abilities, promotes confidence, and readiness students for military service as commissioned officers. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

**ML 401 Advanced Tactics** (3-1-3). Prepares the prospective Army officer for initial Army assignment. Covers military staff organization and responsibilities; military intelligence; logistics; maintenance and supply; and an introduction to military justice. Students apply principles of leadership by planning and executing laboratory training.

**ML 402 Professional Preparation** (3-1-3). Includes a discussion of ethics and human relations, counseling techniques, military service in today's society; obligations and responsibilities of an officer on active duty, and coordination and operation of the military team. Students receive thorough leadership assessment and are responsible for planning and executing laboratory training.

**MUSIC MAJOR PROGRAMS**

The Music Department offers two Baccalaureate Degree programs which students may choose between, and one Graduate Degree program.

1. The Bachelor of Music Degree is essentially a professional music degree with emphasis in Performance, Theory-Composition, or Music Education.

   a. Major emphasis in Performance or Theory-Composition: designed to train performers, performing artist teachers, and composers, this program is basic to prepare students for graduate work in the performing, creative, and college or university teaching fields.

   b. Major emphasis in Music Education: designed to prepare students for music teaching careers in the secondary and elementary educational systems and also prepares students for graduate work in Music Education.

2. The Bachelor of Arts Degree with Music major is a general Liberal Arts Degree designed for the student who wants a general Music major within a broader based program.

   i. Bachelor of Music Program
      
      **A. General Requirements:**

      1. All full-time students will be required to attend Concert Class during each semester of residency at Boise State University (see course description for MA 010 for complete details). All students will perform on their major instrument before a faculty jury at the end of each semester. Students presenting MA 444, 445 or 446 recitals are exempt from faculty jury during the semester in which the recital is given.

      2. All Bachelor of Music majors whose major instrument is other than keyboard are required to pass, no later than the end of the junior year, one of the levels in the Piano Proficiency Examination before a faculty committee. The particular level is determined by the student's major. A grade of C or better in MU 215 will meet Level I and II requirements for Music Education majors. A grade of C or better in MU 314 will meet Level III requirements for Performance and Theory-Composition majors. Details are available from the Music Department.
3. All Bachelor of Music majors are required to register for one of the three major ensembles (Band, Choir or Orchestra) each semester, totaling a minimum of eight credits over a normal four-year course of study, except that Performance majors in Piano, Voice or Guitar will take only six credits of major Ensembles. Piano Performance majors will take two credits of Accompanying (ME 180, 380) toward the required six credits. Guitar majors may take two credits of Guitar Ensemble (ME 167, 367) toward the required six credits. Music Education majors will take seven credits of Ensemble. Other Ensembles may be taken as electives in addition to the required major Ensembles.

4. The following core of Music courses will be included in all Bachelor of Music curricula:

- Concert Class MA 010 (attendance required each semester of full-time residency; Music Education majors exempt during semester/weeks of student teaching)
- Basic Conducting MU 261
- Survey of Music History and Literature I, II, III, IV - MU 341, 342, 343, 344
- Ensemble (see A3 above)

5. Electives

B. Emphasis Requirements:

1. Performance Emphasis Minimum Requirements:
   a. General University and Basic Core Requirements for Bachelor of Music Degree (including 3 credits of Music History in Area I) 29-32
   b. Music Requirements:
      (1) Music Core 35-37
      (2) Performance Studies 30
      All Performance majors will take 2 credits of Performance Studies the first semester, freshman year, and perform a 4 credit jury prior to enrolling in 4 credit Performance Studies second semester. MC 400 Level Studies: 8 credits minimum.
   c. Additional Upper Division Courses 16-22
   d. Electives 7-18

2. Theory-Composition Emphasis Minimum Requirements
   a. General University and Basic Core Requirements for Bachelor of Music Degree (including 3 credits of Music History in Area I) 29-32
   b. Music Requirements:
      (1) Music Core 35-37
      (2) Performance Studies 30
      (3) Additional Upper Division Courses 16-22
      (4) Additional Upper Division Courses 13
      Band Arranging MU 455
      Band and Orchestra Methods and Materials MU 387
      Choral Methods and Materials MU 385
      Choral and Instrumental Conducting MU 365, 366
      Instrumental Techniques and Methods MU 368, 369
      One-half Senior Recital MA 444
      Electroacoustic Music Studies MU 410
      General Psychology P 101
      Educational Psychology P 325
      Foundations of Education TE 201
      Secondary School Methods TE 381
      Secondary Student Teaching TE 484, 485
      Reading in Content Subjects TE 307
   c. Electives 7-18

3. Music Education Emphasis Minimum Requirements
   a. General University and Basic Core Requirements for Bachelor of Music Degree (including 3 credits of Music History in Area I) 29-32
   b. Music Requirements:
      (1) Music Core 35-37
      (2) Major Instrument Performance Studies 14
      MC 300 Level or above: 4 credits minimum
      (3) Additional Lower Division Courses 7
      Orientation to Music Education MU 271
      Instrumental Techniques and Methods MU 257, 266
      Vocal Techniques and Methods MU 256
      Band and Orchestra Methods and Materials MU 387
      Choral Methods and Materials MU 385
      Choral and Instrumental Conducting MU 365, 366
      Instrumental Techniques and Methods MU 368, 369
      One-half Senior Recital MA 444
      Electroacoustic Music Studies MU 410
      General Psychology P 101
      Educational Psychology P 325
      Foundations of Education TE 201
      Secondary School Methods TE 381
      Secondary Student Teaching TE 484, 485
      Reading in Content Subjects TE 307
   c. Electives 7-18

   (1) Recommended Music Electives:
      Functional Piano MU 213
      Teaching Music in the Elementary Classroom MU 372 (to qualify students for Idaho State Certification for Elementary School Music Specialist)

   (2) Electives

II. BACHELOR OF ARTS PROGRAM REQUIREMENTS

A. General University and Basic Core Requirements for Bachelor of Arts Degree

B. Minimum Music Requirements:
   Performance Studies
   Materials of Music I, II, III, IV MU 119, 120, 219, 220
   Ear Training I, II, III, IV MU 121, 122, 221, 222
   Survey of Music History and Literature Courses (2 to be chosen from MU 341, MU 342, 343, 344)
**SCHOOL OF ARTS & SCIENCES**

### I. Performance Emphasis Majors:

#### FRESHMAN YEAR:
- **English Composition E 101-102**  
  Sem.: 3  3
- **Area II Courses**  
  Sem.: 3  3
- **Concert Class MA 010**  
  Sem.: 0  0
- **Materials of Music I, II MU 119-120**  
  Sem.: 4  4
- **Ear Training I, II MU 121-122**  
  Sem.: 1  1
- **Performance Major MC 1-4**  
  Sem.: 2  4
- **Major Ensemble ME 1**  
  Sem.: 1  1

#### SOPHOMORE YEAR:
- **Literature**  
  Sem.: 3  —
- **Area I Course**  
  Sem.: 3  —
- **Concert Class MA 010**  
  Sem.: 0  0
- **Materials of Music III, IV MU 219-220**  
  Sem.: 3  3
- **Ear Training III, IV MU 221-222**  
  Sem.: 1  1
- **Major Ensemble ME 1**  
  Sem.: 1  1
- **Basic Conducting MU 261**  
  Sem.: 1  1
- **Performance Major MC 2-4**  
  Sem.: 4  4
- **Electives**  
  Sem.: 2  3

#### JUNIOR YEAR:
- **Foreign Language**  
  Sem.: 4  4
- **Concert Class MA 010**  
  Sem.: 0  0
- **Music History I, II MU 341, 342**  
  Sem.: 2  2
- **Keyboard Harmony**  
  Sem.: MU 313-314 and/or Electives*  2  5
- **Comبرا Point MU 423 or 424**  
  Sem.: 3  —
- **Major Ensemble** ME 3  
  Sem.: 1  1
- **Performance Major MC 3-4**  
  Sem.: 4  4

#### SENIOR YEAR:
- **Music History III, IV MU 343, 344**  
  Sem.: 3  3
- **Concert Class MA 010**  
  Sem.: 0  0
- **Counterpoint MU 423 or 424**  
  Sem.: 3  —
- **Advanced Form and Analysis**  
  Sem.:  — 3
- **Major Ensemble** ME 3  
  Sem.: 1  1
- **Inst. or Choral Cond.** MU 365 or 366  
  Sem.: 1  1
- **Performance Major MC 4-4**  
  Sem.: 4  4
- **Senior Recital MA 446**  
  Sem.: 2  2
- **Keyboard Harmony** MU 313-314 and/or Electives*  
  Sem.: 4-6 3-5

*Piano, Voice or Guitar majors must include major Instrument Literature MU 457 and Pedagogy MU 463-464.

### II. Theory Composition Majors:

#### FRESHMAN YEAR:
- **English Composition E 101-102**  
  Sem.: 3  3
- **Area II Courses**  
  Sem.: 3  3
- **Concert Class MA 010**  
  Sem.: 0  0
- **Materials of Music I, II MU 119-120**  
  Sem.: 4  4
- **Ear Training I, II MU 121-122**  
  Sem.: 1  1
- **Major Ensemble ME 1**  
  Sem.: 1  1
- **Major and Minor Performance Studies MC 1-2**  
  Sem.: 4  4

#### SOPHOMORE YEAR:
- **Area I Literature**  
  Sem.: 3  —
- **Area II Courses**  
  Sem.: 3  3
- **Electives**  
  Sem.:  — 3
- **Concert Class MA 010**  
  Sem.: 0  0
- **Materials of Music III, IV MU 219-220**  
  Sem.: 3  3
- **Ear Training III, IV MU 221-222**  
  Sem.: 1  1
- **Music History I, II MU 341, 342**  
  Sem.: 2  2
- **Major Ensemble ME 1**  
  Sem.: 1  1
- **Major and Minor Performance Studies MC 2-2**  
  Sem.: 4  4

#### JUNIOR YEAR:
- **Concert Class MA 010**  
  Sem.: 0  0
- **Music Composition MA 410**  
  Sem.: 2  2
- **Major Performance Studies MC 3-2**  
  Sem.: 2  2
- **Major Ensemble ME 3**  
  Sem.: 1  1
- **Band Arranging MA 455**  
  Sem.: — 2
- **Counterpoint MU 423 or 424**  
  Sem.: — 2
- **Basic Conducting MU 261**  
  Sem.: — 1
- **Advanced Form and Analysis MA 413**  
  Sem.: — 3
- **Music History I, II MA 343, 344**  
  Sem.: 3  3
- **Keyboard Harmony** MA 313-314 and/or Electives  
  Sem.: 4  5

#### SENIOR YEAR:
- **Foreign Language**  
  Sem.: 4  4
- **Concert Class MA 010**  
  Sem.: 0  0
- **Music Composition MA 410**  
  Sem.: 2  2
- **Counterpoint MU 423 or 424**  
  Sem.: 3  —
- **Major Ensemble ME 3**  
  Sem.: 1  1
- **Choral Conducting MA 365**  
  Sem.: — 1
- **Instrumental Conducting MA 366**  
  Sem.: — 1
- **Keyboard Harmony** MA 313-314 and/or Electives  
  Sem.: 4  3
- **Composition Recital MA 447**  
  Sem.: — 2

*Keyboard Harmony is offered alternate years only. See course description.

### III. Music Education Emphasis Majors:

#### FRESHMAN YEAR:
- **English Composition E 101-102**  
  Sem.: 3  3
- **Area II Courses**  
  Sem.: 3  3
- **Concert Class MA 010**  
  Sem.: 0  0
- **Materials of Music I, II MU 119-120**  
  Sem.: 4  4
- **Ear Training I, II MU 121-122**  
  Sem.: 1  1
- **Major Ensemble ME 1**  
  Sem.: 1  1
- **Major and Minor Performance Studies MC 1-2**  
  Sem.: 4  4

#### SOPHOMORE YEAR:
- **Area I Literature**  
  Sem.: 3  —
- **Area II Courses**  
  Sem.: 3  3
- **Electives**  
  Sem.:  — 3
- **Concert Class MA 010**  
  Sem.: 0  0
- **Materials of Music III, IV MU 219-220**  
  Sem.: 3  3
- **Ear Training III, IV MU 221-222**  
  Sem.: 1  1
- **Music History I, II MU 341, 342**  
  Sem.: 2  2
- **Major Ensemble ME 1**  
  Sem.: 1  1
- **Major and Minor Performance Studies MC 2-2**  
  Sem.: 4  4

#### JUNIOR YEAR:
- **Concert Class MA 010**  
  Sem.: 0  0
- **Music Composition MA 410**  
  Sem.: 2  2
- **Major Performance Studies MC 3-2**  
  Sem.: 2  2
- **Major Ensemble ME 3**  
  Sem.: 1  1
- **Band Arranging MA 455**  
  Sem.: — 2
- **Counterpoint MU 423 or 424**  
  Sem.: — 2
- **Basic Conducting MU 261**  
  Sem.: — 1
- **Advanced Form and Analysis MA 413**  
  Sem.: — 3
- **Music History I, II MA 343, 344**  
  Sem.: 3  3
- **Keyboard Harmony** MA 313-314 and/or Electives  
  Sem.: 4  5

#### SENIOR YEAR:
- **Foreign Language**  
  Sem.: 4  4
- **Concert Class MA 010**  
  Sem.: 0  0
- **Music Composition MA 410**  
  Sem.: 2  2
- **Counterpoint MU 423 or 424**  
  Sem.: 3  —
- **Major Ensemble ME 3**  
  Sem.: 1  1
- **Choral Conducting MA 365**  
  Sem.: — 1
- **Instrumental Conducting MA 366**  
  Sem.: — 1
- **Keyboard Harmony** MA 313-314 and/or Electives  
  Sem.: 4  3
- **Composition Recital MA 447**  
  Sem.: — 2

*Keyboard Harmony is offered alternate years only. See course description.

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*See MA 444 course description for details of the Senior Recital.

**An independent study terminal project under faculty supervision and with the approval of the Department Chairman in the areas of Music Theory, Music History/Literature, or Music Education.

Details may be found in the Graduate School Section of this Catalog.

**Suggested Programs**

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**Piano majors must include 2 credits of Accompanying ME 180, 380. Guitar majors must include 2 credits of Guitar Ensemble ME 167, 387.

**Not required of Piano, Voice or Guitar majors.

**Keyboard Harmony is offered alternate years only. See course description.
MA 444 Music Education—Bachelor of Arts Senior Recital (0-V-1). This course is a one-half credit to be presented as the culminating project for performance emphasis majors within the bachelor of music program. Prerequisite: 300-level performance ability and PERM/INST. Graded pass/fail.

MA 445 Recital (0-V-2). Music Performance majors may elect to perform a solo recital for two credits prior to the required senior solo recital at any time subsequent to the freshman year. PERM/INST/CHMN.

MA 446 Senior Performance Recital (0-V-2). This course is a full recital to be presented as the culminating project for performance emphasis majors within the bachelor of music program. Prerequisite: 400-level performance ability and PERM/INST. Graded pass/fail.

MA 447 Senior Composition Recital (0-V-2). A recital for the performance of original compositions by the Theory-Composition major. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition majors. Prerequisite: Major in Theory-Composition and PERM/INST. Graded pass/fail.

MC MUSIC-PRIVATE LESSON PERFORMANCE STUDIES

These courses carry an extra fee. For details see schedule of fees elsewhere in this Catalog.

Students enrolling in private lesson (MC) studies must secure the consent of the instructor prior to registration.

Generally, freshmen will enroll in 100-level studies, sophomores in 200-level studies, juniors in 300-level studies, and seniors in 300 or 400-level studies. Non-music majors will enroll initially in 100-level studies. Before permission is granted to any student to enroll in the next higher level, the student must perform before a faculty jury toward the determination of appropriate level placement. Juries are held at the end of each semester. Music majors are required to perform on their major instrument before a faculty jury each semester. Details in performance level requirements for each instrument and voice are available from the Music Department. All MC undergraduate courses may be repeated for credit (no limit). Students transferring into the Music Department as Music majors from another institution or from another department within BSU must complete a performance examination for placement in the appropriate performance level.

Private Lesson Performance Studies

Course Numbering System

The three-digit course number carries the following information: first digit (1—, 2—, etc.) = performance level; second digit = instrumental family (-G woodwinds, -B brass, -P percussion, -V voice, -K keyboard, -S string instruments); third digit (1—, 2—, 4—) = credit value. Four-credit studies are reserved for bachelor of music program performance emphasis majors. Suffix letters identify the particular instrument in each instrumental family: Flute, Oboe, Clarinet, Bassoon, French horn, Trumpet, Trombone, Tuba; Keyboard: Piano, Organ; String: Guitar, Violin, Viola, Cello, Double bass.

Generally, freshmen will enroll in 100-level studies, sophomores in 200-level studies, juniors in 300-level studies, and seniors in 300 or 400-level studies. Non-music majors will enroll initially in 100-level studies. Before permission is granted to any student to enroll in the next higher level, the student must perform before a faculty jury toward the determination of appropriate level placement. Juries are held at the end of each semester. Music majors are required to perform on their major instrument before a faculty jury each semester. Details in performance level requirements for each instrument and voice are available from the Music Department. All MC undergraduate courses may be repeated for credit (no limit). Students transferring into the Music Department as Music majors from another institution or from another department within BSU must complete a performance examination for placement in the appropriate performance level.

Major area practice requirements:

For 4 hrs. credit - 18 hrs. practice per week.
For 2 hrs. credit - 12 hrs. practice per week.

Minor area practice requirements:

For 2 hrs. credit - 6 hrs. practice per week.

Woodwind Instruments private lessons:

For 2 hrs. credit - 6 hrs. practice per week.

Brass Instruments private lessons:

Course numbers ending in 2: (0—, 1—, 2—) (FS)
Course numbers ending in 4: (0—, 1—) (FS)

ME MUSIC, ENSEMBLE

All ME Courses may be repeated for credit up to the maximum allowable as stated in the course descriptions.

ME 101, 301 University Singers (0-3-1) (FS): A general chorus open to all university students. No audition is necessary. Major choral works from all periods will be sung. Public performance(s) will be expected each semester. Maximum credits: ME 101, 301, 8 cr.

ME 105, 305 Meistersingers (0-5-1) (FS): Essentially a course in unaccompanied singing, open to all university students. The Meistersingers is the concert-touring choir of the
MU 101 Music Fundamentals (2-0-2). Primarily for Education Department students, but open to all music majors. Learning to read music through study of music notation and symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced.

MU 103 Elements of Music (2-0-2) (S). Intended primarily for music majors, this course is open to anyone interested in acquiring knowledge of or upgrading their understanding of fundamental structures of music notation, scales, intervals, rhythmic patterns, etc. The course is designed for students aspiring to be music majors but lacking the necessary fundamentals background.

MU 119 Materials of Music (4-0-4) (F). Music fundamentals review: notation, intervals, scales and modes, triads, key signatures, etc. Melody, cadences. Emphasis is onaural and visual recognition, analysis and compositional skills involving the above. Prerequisite: previous or concurrent enrollment in MU 120 and 122.

MU 120 Materials of Music II (4-0-4) (S). 4-voice textures (linear & vertical); homophony; diatonic chords and their relationships; cadences; inversions; dominant seventh; secondary dominants; cursory survey of binary, ternary and through-composed forms; aural and visual analysis; compositional skills. Prerequisite: MU 119 or equivalent and piano as per MU 119.

MU 121-122 Ear Training I-II (0-2-1) (F/S). Designed to correlate with Materials I and II. Emphasizes aural training in scales, intervals and rhythms. Includes drill in solfeggio and sight singing leading to aural recognition of 3 and 4 part harmonic structures. Prerequisite: Previous or concurrent enrollment in MU 119 and 120.

MU 133 Introduction to Materials I (S). An elective course open to all students and fashioned to familiarize the listener with a variety of musical expression. Emphasis is upon the enjoyment of music through the understanding of recorded and live performances, and the development of an awareness of all six live concert orchestral recitals required.

MU 147 Survey of Opera and Music Theatre (0-2-1) (F). A historical survey of the development and growth of opera and music theatre through chronological study of scores, recordings, sound filmstrips, and library resource materials from the beginning of the Western musical period to Contemporary Modern Opera and Music Theatre: composition and Required of voice majors.

MU 213 Functional Piano (2-0-2) (F/S). Building of basic keyboard skills needed for music education majors in areas of sight reading, transposition, harmonization, improvisation, and repertoire materials; piano music and 2-4 line scores will be used. May be repeated once for credit; Prerequisite: MU 120 and one year of piano study.

MU 219 Materials of Music III (3-0-3) (F). Continuation of 4-part textures. Diatonic seventh chord finished, extended sixth and neapolitan chords; cantus firmus techniques; remote modulations; compositional skills involving the above. Prerequisite: MU 120 or equivalent and piano per MU 119.

MU 220 Materials of Music IV (3-0-3) (S). Includes introduction to invention and fugue technique; monodic form; sixteenth and thirteenth century chords; twentieth century melody and harmony; atonality and serial techniques. Compositional skills involving the above. Prerequisite: MU 218 or equivalent and piano per MU 119.

MU 222 Ear Training III-IV (0-2-1) (F-S). Continuation of ear training I-II: solfeggio, dictation, and aural analysis. Emphasis is on advanced rhythmic training, performance of diagonal chords, recognition of new contrapuntal simpler forms of basic chords in 4-part harmony. Prerequisite: MU 121-122, MU 120, at least one year of piano study or concurrent enrollment in piano study.

MU 235 Vocal Techniques and Methods (1-2-2) (S). Designed for the music education major, this course deals with teaching skills to help the young student, describing basic physical components of the voice and their coordination, understanding the young and "changing" voice, and learning phonetic components of Latvian, Italian, and German.

MU 257 String Instrument Techniques and Methods (1-2-2) (F). Primarily for music education majors, this course deals with methods and materials of string-class teaching in the public schools, while providing the student with a basic performing technique on two or more of the orchestral string instruments: violin, viola, cello and string bass.

MU 251 Basic Conducting (0-2-1) (F/S). Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading.

MU 256 Woodwind Techniques and Methods (1-2-2) (F). Primarily for music education majors, this course deals with methods and materials of teaching the windwoodwind instruments in the public schools. The course includes study of woodwind fundamentals and repertoire knowledge of woodwind ensembles. A public performance is required.

MU 271 Orientation to Music Education (1-1-1) (F/S). A look at school music programs to include all levels: primary through secondary programs. Lab period devoted to observation in public schools.

MU 312-314 Keyboard Harmony and Basic Improvisation (2-0-2) (F/S). Keyboard application of basic harmonic principles: playing and harminizing figured and unfigured basses and melodies, modulation, transposition, accompanying famous tunes, beginning improvisation. Offered alternate years, beginning fall semester, even numbered years. Prerequisite: MU 120, 122 and 1-2 year piano study.

MU 341 History and Literature of Music I (2-0-2) (F/S) (Area I). The analysis of the development of Western music from its beginnings in early Christian times through the early 1600's. Consideration of music from these periods as artistic entities, their relationships to their contemporary societies, and as foundations for subsequent expression. MU 119 and 120 or PERM INST.

MU 342 History and Literature of Music II (3-0-3) (F/S) (Area I). Encompasses the period from the Florentine Camerata through the High Baroque, the Rococo, and pre-classic composers. Attention to the evolution of musical forms through score reading, analysis, and discussion. Prerequisite: MU 119 and 120, or PERM INST.

MU 343 History and Literature of Music III (3-0-3) (F/S) (Area I). Works of Haydn, Mozart, and their contemporaries through the Romantic period to Liszt, Wagner, and Puccini will be considered and analyzed as vehicles of individual expression and as steps to greater understanding of musical expression. Their relationship to works in literature and other arts will be considered. Prerequisite: MU 119 and 120 or PERM INST.

MU 344 History and Literature of Music IV (3-0-3) (F/S) (Area I). Analysis of styles and characteristics of Western music from 17th century to present. Focus on to-date of music and electronic music. Prerequisite: MU 119 and 120 or PERM INST.

MU 353 Choir Conducting (0-2-1) (F). A course designed to deal with the problems and techniques of choir conducting. Students will work with ensemble groups as laboratories for conducting experience.

MU 366 Instrumental Conducting (0-2-1) (S). A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles as laboratories for conducting experience. Prerequisite: MU 281.

MU 386 Techniques and Methods I (1-2-2) (S). 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.

MU 389 Jazz Techniques and Methods (1-2-2) (S). 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.

MU 390 Materials of Music V (3-0-3) (F/S). Designed for teachers or prospective teachers who wish to use the guitar in classroom situations. Emphasis is on accompaniment skills, elementary chord theory, melody playing, proper hand position and note bending. Musical material is drawn from popular and folk styles useful in elementary classes. May be repeated once for credit.

MU 391 Music Methods for the Elementary School Teacher (2-0-2). Materials, methods and problems relating to classroom music in grades K through 6. Prerequisite: Music Fundamentals for Music Education I (Area I) or equivalent.

MU 392 Teaching Music in the Elementary Classroom (2-1-2) (F). For music majors. Includes special methods, materials and teaching techniques for the elementary classroom music program. Prerequisite: MU 271.
COMMON FRESHMAN YEAR:

English Composition E 101-102
College Chemistry C 131-132-133
Calculus and Analytic Geometry M 204-205
Engineering Fundamentals EN 107-108
Physics Ph 220
Physical Education

16 16

DEPARTMENT OF PHYSICS
ENGINEERING AND PHYSICAL SCIENCE

Science-Education Bldg., Rm. 318
Science Bldg., Rm. 212-L Phone 208/385/3775

Chairman and Professor of Physics: Gary R. Newby; Professors: Allen, Dahm, Luke; Associate Professors: Affleck, Parks, Reimann, Smith; Assistant Professor: Gabert, Dykstra.

PRE-ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS Degree in Engineering is four years and the following program is designed to do this along with two years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take four and one-half, five years or more to earn the degree. Therefore, a convenient option based on three years at BSU followed by one and one-half years at the University of Idaho is available and students may consult an Engineering advisor about this program. The five-year option is also advised for students needing to work while attending school. Engineering curricula are very similar all over the country and students can readily transfer to other Engineering colleges. Students should consult their advisor about possible program modifications if they plan to go to some school other than the University of Idaho to complete their degree.

COMMON FRESHMAN YEAR:

(All Engineering Majors)

English Composition E 101-102
College Chemistry C 131-132-133
Calculus and Analytic Geometry M 204-205
Engineering Fundamentals EN 107-108
Physics Ph 220
Physical Education

16 16
<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>Construction Operations CO 374</td>
<td>3</td>
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<tr>
<td>Concrete and Formwork CO 410</td>
<td>2</td>
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<tr>
<td>Project Scheduling &amp; Control CO 417</td>
<td>3</td>
</tr>
<tr>
<td>Technical Drawing EN 101</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming EN 104</td>
<td>2</td>
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<tr>
<td>Intro to Mechanics EN 205</td>
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<tr>
<td>Basic Surveying EN 215</td>
<td>3</td>
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<tr>
<td>Mech. of Materials EN 306</td>
<td>3</td>
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<tr>
<td>General Physics PH 101, 102</td>
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<tr>
<td>Algebra &amp; Trigonometry M 111</td>
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<tr>
<td>Calculus &amp; Analy. Geometry M 204</td>
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<tr>
<td>*Principles of Economics EC 202</td>
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<tr>
<td>Intro to Financial Accounting AC 205</td>
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<td>Business Policies GB</td>
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<td>Principles of Management MG 301</td>
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<tr>
<td>Labor Law MG 330</td>
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<tr>
<td>Labor Relations MG 340</td>
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<td>2ND SEM.</td>
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**Satisfies Area II Requirement.**

**Nine hours in Major Requirements (*) also satisfy the General Requirements bringing the total General Requirement hours to 30.**

### Suggested Program

#### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>English Composition E 101-102</td>
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#### SOPHOMORE YEAR:

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<td>Intro to Financial Accounting AC 205</td>
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<td>Business Law I GB 202</td>
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<td>*Contracts, Plans, Specifications CO 346</td>
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<td>Managerial Accounting AC 352</td>
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<td>Mech. of Materials EN 306</td>
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<td>*Cost Est. &amp; Bidding CO 370</td>
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<td>Labor Law MG 330</td>
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<td>*Construction Equipment &amp; Methods CO 320</td>
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#### SENIOR YEAR:

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<td>Basic Marketing Management MK 301</td>
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<tr>
<td>*Construction Operations &amp; Improvement CO 374</td>
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<td>Human Resource Management MG 401</td>
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<td>*Elect. &amp; Mech. Installation CO 350</td>
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*With consent of advisor and chairman, substitutions can be made for not more than 6 hours of the above from the area of Biology, Chemistry, Math or Geophysics.*

### PHYSICS MAJOR

**Bachelor of Science Degree**

#### Suggested Program

<table>
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<td>Computational Physics PH 201</td>
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<td>Numerical Analysis M 340</td>
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<td>Seminar PH 499</td>
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### PHYSICS (Bachelor of Science)

#### Secondary Option

1. General University and AB Degree Requirements

2. Major Requirements

3. Physics

4. Engineering

5. Mathematics

6. Chemistry

7. Recommended Electives

8. Bachelor of Science Degree

9. *With consent of advisor and chairman, substitutions can be made for not more than 6 hours of the above from the area of Biology, Chemistry, Math or Geophysics.*

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**SCHOOL OF ARTS & SCIENCES**
SCHOOL OF ARTS & SCIENCES

JUNIOR YEAR:

CO 350 Electrical and Mechanical Installations (2-0-2). Prerequisite: PH 102.

CO CONSTRUCTION MANAGEMENT

III. Secondary Option

2. Major Requirements 78

A. Physics 39

Physics Lab III PH 220, 221, 222. 9

Physics Lab II PH 223, 224. 3

Intro to Descriptive Astronomy PH 105. 4

Biophysics PH 207. 4

Modern Physics PH 311-312. 6

Electronics Lab PH 301. 4

Senior Lab PH 481. 3

Physics Seminar PH 499. 1

Independent Study on Modern Ideas on Learning. 3

B. Engineering 5

Computer Programming EN 104. 2

Thermodynamics EN 320. 3

Calculus Sequence M 204, 205, 206. 13

Engineering Math M 321. 4

D. Chemistry C 131, 132, 133, 134. 9

E. Recommended Electives 8

3. Education Requirements (See pg 104). 25-30

Foundations of Education. 3

Secondary School Methods. 7

Secondary School Teaching. 7

EN ENGINEERING

LOWER DIVISION

EN 100 Energy for Society (3-2-4) (AREA III). A general interest course having no prerequisite. A basic understanding of energy and how it has been put to use is developed to promote a better understanding of our present technological society with its energy, environmental, social, and political problems. Alternative as well as conventional energy solutions will be studied.

EN 101 Technical Drawing (2-0-2). A basic course in technical drawing covering lettering, measurements, projections, sections, dimensioning, pictorial drawing, and other drafting problems.

EN 104 (M 124) Digital Computer Programming (2-0-2). Course for engineering, science, or math majors to introduce FORTRAN and BASIC programming principles and logic including input-output, flow charts, handling and subroutines, applied to problem solving. Should have Mathematics background equal to or exceeding one of prerequisites. Prerequisite: M 106 or 111 or 108.

EN 107 Engineering Fundamentals (3-0-3) (FS). An introduction to engineering including fundamentals and organization of the profession, methods of analysis and computation, and the design process. Prerequisite: M 111 or equivalent math ability.


EN 206 Dynamics of Rigid Bodies (2-0-2) (S). Analysis of forces and the resulting motion as per rigid bodies undergoing rotary and general plane motion. Prerequisite: EN 205.

EN 215 Basic Surveying (1-2-2) (F). A basic surveying course involving the more common problems of surveying and field procedures. Prerequisite: EN 107 or permission course.

EN 216 Engineering Measurements (1-3-2) (S). Introduction to measuring instruments and measuring techniques and practical applications. Prerequisite: EN 107.

EN 221 Systems and Circuits (3-0-3) (F). The fundamental course in electrical engineering which provides an introduction to electrical circuits and basic network analysis. Topics covered are simple resistive, capacitive and inductive circuits, network theorems, the use of phasors, AC steady-state analysis and frequency-domain analysis.

EN 223 Thermodynamics and Heat Transfer (3-0-3) (F). A continuation of EN 221 extending into second order circuits, the use of phasors, AC steady-state analysis and frequency-domain analysis. Transform methods of circuit analysis are introduced. Prerequisite: EN 221.

EN 225 (M 225) Intermediate Applied Programming (2-0-2) (S). An intermediate course stressing the algorithmic techniques of problem solving using the computer. Stress will be on languages and programming topics useful in the solution of science and engineering problems. Concentrates on FORTRAN, but will use other programming languages. Prerequisite: EN 104 (M 124). Credit cannot be obtained from both M 225 and M 226.

EN 226 Fluid Mechanics (3-0-3) (S). Physical properties of fluids: fluid mechanics and measurement; viscous and turbulent flow, lift, drag, and boundary layer effects; flow in pipes and open channels. Prerequisite: M 206 and EN 205.

EN 276 Mechanics of Materials (3-0-3) (S). Elasticity, strength, and modes of failure and engineering materials, theory of stress and strains for columns, beams, and shafts. Three class periods per week. Prerequisite: M 206 or PERM INST & EN 320.

EN 320 Thermodynamics and Heat Transfer (3-0-3) (F). First and second laws of thermodynamics, thermodynamic processes; thermodynamic properties of fluids; flow processes; heat to work conversion; refrigeration, conduction and convection. Prerequisite: M 206 and PH 221.

EN 382 Engineering Economy (2-0-2) (S). Economic analysis and comparison of engineering alternatives by annual-cost, present-worth, capitalized cost, and rate-of-return methods; income tax considerations. Prerequisite: Junior standing.

UPPER DIVISION

EN 391 Fluid Mechanics (3-0-3) (S). Physical properties of fluids: fluid mechanics and measurement; viscous and turbulent flow, lift, drag, and boundary layer effects; flow in pipes and open channels. Prerequisite: M 206 and EN 205.

 Courses Offerings

CO CONSTRUCTION MANAGEMENT

LOWER DIVISION

CO 240 Construction Fundamentals (2-0-3) (S). An introduction to the construction industry and construction management. A survey of basic trades, methods and technology with an introduction to blueprints and quantity calculations. Prerequisite: EN 101, M 111. Monday field trips required.

CO 240 Construction Equipment & Materials (3-0-3) (F). Characteristics, capabilities, limitations of the use of general building and heavy construction equipment. Monday field trips required. Prerequisite: EN 205.


CO 240 Electrical and Mechanical Installations (2-0-3) (S). Fundamentals of electrical systems, light and power requirements, building codes. Monday field trips required. Prerequisite: GB 102.

CO 275 Cost Estimating and Bidding (3-0-3) (S). Extracting quantities from drawings, compiling and pricing estimates, preparation of bids. Monday field trips required. Prerequisite: CO 348.

PS PHYSICAL SCIENCE

LOWER DIVISION

PS 100 Foundations of Physical Science (3-2-4) (F) (Area III). Selected concepts of matter and energy that are widely applicable toward understanding our physical and biological environment. A one-semester course for non-Science majors.

GRADUATE

PS 501 Basic Physical Science for Elementary Teachers (3-0-3). An introduction to the basic ideas of Physical Science including matter, energy, motion, electricity,
magnetism, wave motion, sound, light, heat, atomic and nuclear physics, and astronomy. Elementary concepts will be discussed and demonstrated with emphasis on methods that can be used with elementary school students. Offered when there is sufficient demand.

COURSE OFFERINGS

PHYSICS

LOWER DIVISION

PH 108 A Cultural Approach to Physics (3-3-4). Designed for liberal arts students. Students should gain an appreciation for the basic ideas in physics and how these ideas have contributed to the development of western culture by their influence on philosophy, religion and technology. Prerequisite: None. Offered every Fall. Students should have a knowledge of algebra and geometry.

PH 101/102 General Physics (3-3-4) (Area III). 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-professional and pre-medical students. Prerequisite: None. Offered every Fall and Winter.

PH 103 Radiological Physics (2-0-3) (F). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included. Offered when there is sufficient enrollment.

PH 104 Radiological Physics (2-3-3) (S). An application of electrical, atomic and nuclear physics to image intensification, fluoroscopy, cine-radiography, video tape systems, stereoradiography, body section radiography, therapeutic radiology and nuclear medicine. Prerequisite: PH 103.

PH 105 Introduction to Descriptive Astronomy (3-2-4) (F). A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and progressing to the farthest reaches of our known physical universe. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-Science majors.

PH 109 (M 108) Introduction to Computers (3-3-4) (S). A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. Tutorials on the variety of instruments normally found in biological laboratories and their use in study biological systems. Prerequisite: M 111 or 108.

PH 201 Physics I — Wave Motion and Heat (3-1-3) (Area III). Wave motion on strings, acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the First and Second Laws of Thermodynamics. Prerequisite: PH 220. Must be taken concurrently with PH 223.

PH 202 Physics II — Electricity and Magnetism (3-1-3) (Area III). Coulomb’s Law, electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Prerequisite: PH 220. Must be taken concurrently with PH 224.

PH 203 Wave Motion and Heat Lab (0-3-1) (Area III). A lab designed to be taken concurrently with PH 221. Basic experiments in mechanics, wave motion, sound, optics and heat. Prerequisite: PH 220 and concurrent enrollment in PH 221.

PH 222 Physics III — Electricity and Magnetism (3-1-3) (F). Coulomb’s Law, electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Prerequisite: PH 220. Must be taken concurrently with PH 223.

PH 223 Wave Motion and Heat Lab (0-3-1) (F). A lab designed to be taken concurrently with PH 221. Basic experiments in mechanics, wave motion, sound, optics and heat. Prerequisite: PH 220 and concurrent enrollment in PH 221.

PH 231 Analog Electronics Lab (2-6-4) (F). A laboratory course designed to provide the student with the necessary skills to utilize a preassembled microprocessor system for data acquisition and control. Prerequisite: PH 222 or EN 223 or PERM/INST.

PH 301 Modern Physics (3-0-3) (F). A brief introduction to the special relativity, basic ideas of quantum mechanics, and applications of quantum mechanics to atomic, molecular, nuclear, solid state physics and statistical mechanics. Prerequisite: PH 221, M 321.

PH 302 Optics (3-0-3) (F). An upper division course stressing the applied facets of optics such as the use of optical components for analysis and measurements in the visible region of the electromagnetic spectrum. Prerequisite: PH 221 and 222.

PH 341 Mechanics (4-0-4) (F). An upper division course which approaches classical mechanics with the aid of vector calculus and differential equations. Numerical techniques and computer applications will be used. Prerequisite: M 321 and PH 220.

PH 351 Electrical and Magnetic Fields (3-0-3) (F). Electromagnetic fields, potentials, Gauss’ law, solutions of Laplace’s equation, electrostatics of conductors and dielectric materials, electrostatics of dielectric materials, vector potential, Maxwell’s equations, and electromagnetic radiation. Prerequisite: PH 221, M 321.

PH 422 Advanced Topics (3-0-3). Selected topics from the major fields of physics such as astrophysics, nuclear, solid state, solar applications, biophysics, medical physics. Prerequisite: Upper Division standing and PERM/INST and possible specific courses depending on topic. Offered on demand.

PH 481 Senior Lab (1-0-3) (F). A senior laboratory course designed to acquaint the student with concepts of modern physics, laboratory techniques and measurements. Prerequisite: PH 312.

PH 482 Senior Project (0-6-2) (S). Elective. A sophisticated laboratory project in some area of physics. Prerequisite: PH 481.

PH 499 Physics Seminar (1-0-1) (S). Individual reports on selected topics. Prerequisite: Senior status.
**SCHOOL OF ARTS & SCIENCES**

**Lower Division Electives (Select one requisite to the appropriate area of emphasis)**

State and Local Government PO 102 ........................................... 3
Public Policy PO 220 ................................................................. 3
Comparative European Government and Politics PO 229 ............ 3

1. Lower Division Courses ......................................................... 15
   American National Government PO 101 ..................................... 3
   Comparative Political Ideologies PO 141 ................................... 3
   Comparative European Government and Politics PO 229 .......... 3
   International Relations PO 231 .............................................. 3
   Political Behavior PO 286 ..................................................... 3

2. Upper Division Courses ........................................................ 30
   American Political Theory PO 331 ........................................... 3
   Constitutional Law PO 351 ...................................................... 3
   International Law PO 421 ....................................................... 3
   Western Political Theory PO 441 ............................................. 3
   Western Political Theory PO 442 ............................................. 3
   Comparative Legal Systems PO 451 ......................................... 3
   Senior Seminar (Scope and Methods of Political Science) PO 498 3
   Political Science Electives ................................................... 9

**II. Political Science — American Governmental Systems and Processes Emphasis**

This area of emphasis is offered to students who wish to concentrate their attention on national, state, and local political institutions of the United States. The course requirements and electives in this area of emphasis seek to provide the student with an understanding of American government.

A. General University and Core Requirements

B. Political Science Major Requirements .................................. 45
   1. Lower Division Courses ....................................................... 15
      American National Government PO 101 .................................. 3
      State and Local Government PO 102 .................................... 3
      Contemporary Political Ideologies PO 141 ............................... 3
      International Relations PO 231 .......................................... 3
      Political Behavior PO 286 .................................................. 3

   2. Upper Division Courses .................................................... 30
      American Parties and Interest Groups PO 301 ......................... 3
      Public Opinion and Voting Behavior PO 302 ......................... 3
      American Chief Executive PO 309 ....................................... 3
      Legislative Behavior PO 312 .............................................. 3
      American Political Theory PO 331 ..................................... 3
      Constitutional Law PO 351 .................................................. 3
      Senior Seminar (Scope and Methods of Political Science) PO 466 3
      Political Science Electives .............................................. 9

**III. Political Science — International Relations Emphasis**

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

A. General University and Core Requirements

B. Political Science Major Requirements .................................. 45
   1. Lower Division Courses ....................................................... 15
      American National Government PO 101 .................................. 3
      Comparative Political Ideologies PO 141 ................................ 3
      Public Policy PO 220 .......................................................... 3
      International Relations PO 231 .......................................... 3
      Political Behavior PO 286 .................................................. 3

   2. Upper Division Courses .................................................... 30
      Comparative Foreign Policy PO 311 ..................................... 3
      Comparative Communist Party-State Systems PO 324 ............... 3
      Comparative Governments and Politics of the Developing Nations PO 333 3
      United States Foreign Policy PO 335 ................................... 3
      International Law PO 421 .................................................... 3
      International Organization PO 422 ...................................... 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
      Political Science Electives .............................................. 9

**IV. Political Science — Public Administration Emphasis**

As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as Public Administration and Economics, Public Administration and Sociology, Public Administration and Psychology, and Public Administration and Communication. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in Computer Science, Psychology, Sociology, History, Economics, and Communication.

A. General University and Core Requirements

B. Political Science Major Requirements .................................. 45
   1. Lower Division Courses ....................................................... 15
      American National Government PO 101 .................................. 3
      Contemporary Political Ideologies PO 141 ................................ 3
      Public Policy PO 220 .......................................................... 3
      International Relations PO 231 .......................................... 3
      Political Behavior PO 286 .................................................. 3

   2. Upper Division Courses .................................................... 30
      Intro to Public Administration PO 303 .................................. 3
      American Chief Executive PO 309 ....................................... 3
      Public Finance PO 310 ....................................................... 3
      Administrative Law PO 467 .................................................. 3
      Intergovernmental Relations PO 469 .................................... 3
      Organization Theory and Bureaucratic Structure PO 487 ........ 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
      Political Science Electives .............................................. 9

**V. Political Science — Social Science Secondary Education Option**

Each academic department in the Social Sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the Department's subject matter plus 2 additional fields of study or teaching minors of 15 credits, each chosen from other Social Science fields. Also SS 450, Teaching Social Studies in the Secondary School, is required for all students with Social Science Secondary Education Option; certification requirement of 6 hours of U.S. History is applicable.

30 Credit Hour Program — 24 Credit Hours Required Courses:

American National Government PO 101 ..................................... 3
State and Local Government PO 102 ......................................... 3
Comparative Political Ideologies PO 141 .................................... 3
International Relations PO 231 .............................................. 3
Comparative European Government and Politics PO 229 ............ 3
Comparative Foreign Policy PO 311 ......................................... 3
Comparative Communist Party-State Systems PO 324 ............... 3
Comparative Governments and Politics of the Developing Nations PO 333 3
United States Foreign Policy PO 335 ..................................... 3
International Law PO 421 ....................................................... 3
International Organization PO 422 ...................................... 3
Senior Seminar (Scope and Methods of Political Science) PO 498 3
American Parties and Interest .............................................. 3

A. General University and Core Requirements

B. Political Science Major Requirements .................................. 45
   1. Lower Division Courses ....................................................... 15
      American National Government PO 101 .................................. 3
      Contemporary Political Ideologies PO 141 ................................ 3
      Public Policy PO 220 .......................................................... 3
      International Relations PO 231 .......................................... 3
      Political Behavior PO 286 .................................................. 3

   2. Upper Division Courses .................................................... 30
      Comparative Foreign Policy PO 311 ..................................... 3
      Comparative Communist Party-State Systems PO 324 ............... 3
      Comparative Governments and Politics of the Developing Nations PO 333 3
      United States Foreign Policy PO 335 ................................... 3
      International Law PO 421 .................................................... 3
      International Organization PO 422 ...................................... 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
      Political Science Electives .............................................. 9

V. Political Science — Social Science Secondary Education Option

Each academic department in the Social Sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the Department’s subject matter plus 2 additional fields of study or teaching minors of 15 credits, each chosen from other Social Science fields. Also SS 450, Teaching Social Studies in the Secondary School, is required for all students with Social Science Secondary Education Option; certification requirement of 6 hours of U.S. History is applicable.

30 Credit Hour Program — 24 Credit Hours Required Courses:

American National Government PO 101 ..................................... 3
State and Local Government PO 102 ......................................... 3
Comparative Political Ideologies PO 141 .................................... 3
International Relations PO 231 .............................................. 3
Comparative European Government and Politics PO 229 ............ 3
Comparative Foreign Policy PO 311 ......................................... 3
Comparative Communist Party-State Systems PO 324 ............... 3
Comparative Governments and Politics of the Developing Nations PO 333 3
United States Foreign Policy PO 335 ..................................... 3
International Law PO 421 ....................................................... 3
International Organization PO 422 ...................................... 3
Senior Seminar (Scope and Methods of Political Science) PO 498 3
American Parties and Interest .............................................. 3

A. General University and Core Requirements

B. Political Science Major Requirements .................................. 45
   1. Lower Division Courses ....................................................... 15
      American National Government PO 101 .................................. 3
      Contemporary Political Ideologies PO 141 ................................ 3
      Public Policy PO 220 .......................................................... 3
      International Relations PO 231 .......................................... 3
      Political Behavior PO 286 .................................................. 3

   2. Upper Division Courses .................................................... 30
      Comparative Foreign Policy PO 311 ..................................... 3
      Comparative Communist Party-State Systems PO 324 ............... 3
      Comparative Governments and Politics of the Developing Nations PO 333 3
      United States Foreign Policy PO 335 ................................... 3
      International Law PO 421 .................................................... 3
      International Organization PO 422 ...................................... 3
      Senior Seminar (Scope and Methods of Political Science) PO 498 3
      Political Science Electives .............................................. 9
15 Credit Hour Emphasis — 12 Credit Hours Required Courses:

- American National Government PO 101
- Contemporary Political Ideologies PO 141
- Comparative European Government and Politics PO 229
- International Relations

American Parties and Interest Groups

PO 301 or
Introduction to Public Administration PO 303 or
American Chief Executive PO 309 or
Legislative Behavior PO 312

American Political Theory PO 331 or
Western Political Theory I PO 441 or
Western Political Theory II PO 442

Constitutional Law PO 351

Political Science Electives — Upper Division

Upper Division Electives

18 Credit Hour Emphasis (General) — 12 Credit Hours Required Courses (available to Secondary Education students who want a major emphasis in Political Science but are not part of the 30-15-15 program).

- American National Government PO 101
- Contemporary Political Ideologies PO 141
- Comparative European Government and Politics PO 229
- International Relations PO 231

American Parties and Interest Groups

PO 301 or
Introduction to Public Administration PO 303 or
American Chief Executive PO 309 or
Constitutional Law PO 351

Upper Division Electives

COURSE OFFERINGS

PO POLITICAL SCIENCE

LOWER DIVISION

PO 101 American National Government (3-0-3) (F/S) (Area II). Institutions and processes of American political system, emphasizing social, ideological, and constitutional background.

PO 102 Local Government (3-0-3) (F/S). Institutions and processes of state and local government, with emphasis on constitutionalism, legislatures, governors and reapportionment.

PO 141 Contemporary Political Ideologies (3-0-3) (F/S) (Area II). Principal ideas characterizing liberalism, communism, fascism, and nationalism.

PO 225 American Policy Process (3-0-3) (S). Process through which policy is determined, implemented and adjusted, with emphasis on role of administrators.

PO 229 Comparative European Governments and Politics (3-0-3) (F/S). Political systems of selected European nation-states, including Great Britain, France, German Federal Republic, Italy, and Scandinavian states. Analysis of patterns of political culture, political interests, political power, and selected public policy issues. Prerequisite: PO 101 or PERM/INST.

PO 231 International Relations (3-0-3) (F/S). Nature of relations among nations with particular reference to contemporary international issues. Analysis of motivating factors, including nationalism, imperialism, communism. Study of national sovereignty and its relation to international cooperation. Prerequisite: PO 101 or PERM/INST.

PO 288 Political Behavior (3-0-3) (F). Behavioral perspectives of political systems. Micro-political theory, concepts, and techniques of analysis.

UPPER DIVISION

PO 301 American Parties and Interest Groups (3-0-3) (F). Development of understanding of nature, functions, organization, and activities of political parties and interest groups within American political system. Emphasis on performance of America's two major political parties, especially in nominations and elections, and on organization and lobbying activities of major interest groups. Prerequisite: PO 101 or 102.

PO 382 Public Opinion and Voting Behavior (3-0-3) (S). Development of public opinion and voting behavior. Emphasis on research from a variety of fields for understanding and analysis of factors that mold popular attitudes and political behavior. Prerequisite: PO 101 or 102.

PO 383 Introduction to Public Administration (3-0-3) (F/S). Theory, administrative organization, functions and problems of governmental units. Prerequisite: PO 101.

PO 309 American Chief Executive (3-0-3) (F). Consideration of the importance and involvement of the President in the political and policy-making processes and powers of the Presidency. Prerequisite: PO 101.

PO 310 Public Finance (3-0-3) (S). Fiscal aspects of planning and control of governmental units. Principles of taxation and other revenues, government indebtedness, and policy-making. (Interdepartmental course with department of economics) Prerequisite: EC 201, 202.

PO 311 Comparative Foreign Policy (3-0-3) (F). Political institutions, concepts, values, and methods of international politics relevant to practice of nation-states; examination of foreign policies and objectives of world's major powers; analysis of contemporary international problems; consideration of theories of international politics. Prerequisite: PO 101 or 231.

PO 312 Legislative Behavior (3-0-3) (S). Analysis of behavior of American state and national legislatures. Special consideration given to impact of constituencies, parties, interest groups, inter-personal relations, and other factors on legislators; role of the legislature in American political system.

PO 324 Comparative Communist Party-State Systems (3-0-3) (F). Political systems of the former Communist, Eastern European, People's Republic of China, and other communist party-states. Selected topics and problems relating to political institutions and political processes to determine patterns of political relationships. Questions of political theory and political determinants in development of communist party-states. Prerequisite: PO 101. Alternate years.

PO 331 American Political Theory (3-0-3) (F). Genesis and development of political thought in the United States from colonial period to present.

PO 333 Comparative Governments and Politics of Developing Nations (3-0-3) (F/S). Political systems of selected nations in developing areas of the world, including nations in Asia, Africa, and Latin America. Patterns and problems of political development and modernization in the nations will be analyzed. Prerequisite: PO 101. Alternate years.

PO 335 United States Foreign Policy (3-0-3) (F/S). Development of diplomacy from foundation of the republic to the present with emphasis on emergence and continuing dominance of United States as a world power; impact of domestic developments on formulation of foreign policy. Alternate years.

PO 351 Constitutional Law (3-0-3) (S). Case study of constitutional system and its core principles as revealed in judicial decisions. Prerequisite: PO 101.

PO 352 International Law (3-0-3) (F). Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practices of international law and their application to international affairs. Prerequisite: PO 101, 231. Alternate years.

PO 422 International Organization (3-0-3) (F/S). Historical background, the league, basic principles of modern international entities, the United Nations. Prerequisite: PO 101, 231. Alternate years.

PO 441 Part I Western Political Theory (3-0-3) (F). Development of political philosophy from Socrates to Machiavelli. Alternate years.

PO 442 Part II Western Political Theory (3-0-3) (S). Development of political thought since Machiavelli. Prerequisite: PO 441. Alternate years.

PO 451 Comparative Legal Systems (3-0-3) (S). Principal legal systems of the world, with emphasis on ideological foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisite: PO 101, 141, 229. Alternate years.

PO 465G Comparative Public Administration (3-0-3) (F/S). Systematic examination and comparison of varied models and theories of administrative systems. International and international studies. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. Prerequisite: PO 303 or PERM/INST.

PO 466G Intergovernmental Relations (3-0-3) (F/S). Intergovernmental cooperation and conflict in the American federal system, including state-local relationships and metropolitan dispersal and integration. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. Prerequisite: PO 101, 102, 303.

PO 487G Organizational Theory and Bureaucratic Structures (3-0-3) (F/S). Sociopolitical analysis of theories and concepts of complex social organizations, their application to public administration and the interrelationship between political science and sociological organizational theory. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation.

PO 493 Internship (Variable credit). Upper division students may arrange through the department for an internship program. The legislative internship is a part of this program, and application for it should be made in early October.

PO 498 Senior Seminar (Scope and Methods of Political Science) (3-0-3) (F). Examination of discipline of political science, its central problems and unifying concepts, techniques of scientific political investigation as they relate to improved research methods. Required of all political science majors.

PY PHILOSOPHY

COURSE OFFERINGS

LOWER DIVISION

PY 101 Introduction to Philosophy (3-0-3) (F/S) (Area II). General background in various areas of the discipline. Specific philosophical problems examined, based on solutions by various philosophers in western culture. Areas examined include metaphysics, ethics, and epistemology.

PY 121 Introduction to Logic (3-0-3) (F). (Area II). Science of valid reasoning, including logical rules of inference, methods of argumentation, logical problem-solving, and nature of logical fallacies.

PY 211 Ethics (3-0-3) (S). Problems of normative ethics and metaethics. Normative ethics concerns norms and guidelines of moral behavior. Metaethics concerns the nature of ethical statements; naturalism, intuitionism and emotivism.

PY 245 Metaphysics (3-0-3) (F). Examination of (a) problem of free will versus determinism, (b) nature of causation, (c) problem of personal identity, and (d) ontology. Prerequisite: PY 101.

PY 247 Epistemology (3-0-3) (S). Theory of knowledge, including (a) examination of relationships and differences between knowledge and belief, (b) evaluation of theories of perception, and (c) theories of truth. Prerequisite: PY 101.

PY 251 Medieval Philosophy (3-0-3) (S). Works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, William of Ockham and other contributors to intellectual thought during the Middle Ages. Prerequisite: PY 101.

PY 303 The Age of Absolutism and Reason (Philosophy) (3-0-3) (F/S). European thought in the seventeenth and eighteenth centuries. Ideas of the philosophers and the crisis of the old regime leading to revolutions. May be taken for History credit or for Philosophy credit, but not for both. Prerequisite: PY 101. Alternate years.

PY 334 Phenomenology and Existentialism (3-0-3) (F). Exploration of the most fundamental of human problems: man is subjective by nature, for he is trapped by his own view of the world, yet the rational mind strives for objectivity. The clash between the two leads man to ask the existential question, "who am I," and the phenomenological question, "what is my relationship to the external world." Prerequisite: PY 101.

PY 404 Symbolic Logic (3-0-3) (S). Translation of natural language statements into symbolic form for the purpose of ridding them of ambiguity and of making deductions through rules of propositional calculus. Prerequisite: PY 121.

PY 406 Philosophy of Science (3-0-3) (F). Examination of such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities. Prerequisite: PY 101 or 121.

DEPARTMENT OF SOCIAL WORK

Education Bldg., Rm. 713 Phone 208/365-1568

Chairman and Associate Professor: Doug Yunker; Associate Professors: Huff, Oliver, Panitch; Assistant Professor: B. Johnson.

A Baccalaureate Degree program in Social Work fully accredited by the Council on Social Work Education.

Social Work offers an opportunity for a personally rewarding professional career to those who care deeply about the well-being of others. Social workers give direct services to individuals, families, groups and communities. Qualified licensed social workers are in demand in every area of professional practice.

Social Work is usually practiced in social welfare agencies and in Social Work departments at host settings. Social workers are needed to work with mentally ill, emotionally disturbed, delinquent, mentally retarded, physically ill, handicapped, economically, and socially deprived children and adults. Social workers are sought for service in schools, courts, hospitals, and clinics that seek to detect and prevent delinquency and child neglect.

Community centers, psychiatric and general hospitals and service centers for the aged also seek qualified social workers and offer varied career opportunities. Equally challenging opportunities exist in public and private agencies that deal with problems of housing and urban renewal, public health, community mental health, social welfare planning and fund-raising, race relations, and the many other concerns that become especially acute both in changing neighborhoods of large cities and in depressed rural and industrial areas. Social Work practice is designed to enrich the quality of life by enabling individuals, groups and communities to achieve their greatest potential development.

SOCIAL WORK MAJOR

Bachelor of Arts Degree

<table>
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<th>1ST SEM.</th>
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<td>Concepts of Biology B 100</td>
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<td>State and Local Government PO 102</td>
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<td>General Psychology P 101</td>
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<td>Senior Seminar SW 498,499</td>
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<td>Communication</td>
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<td>Textbook and Social Work Methods SW 385</td>
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SOPHOMORE YEAR:

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<td>Human Behavior in The Social Environment SW 321</td>
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<td>Social Work Methods-Casework SW 325</td>
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SENIOR YEAR:

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<td>Social Work Methods-Community Organization SW 430</td>
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<td>Lower or Upper Division Electives</td>
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SW 101 Introduction to Social Work (3-0-3). Survey of the historical development and contemporary practice of social work; values, knowledge base, skills, the underlying philosophy and the need for social services in society. Social work functions and career opportunities are delineated. Required.

SW 201 Elementary Social Work Processes (3-0-3). Communication skills, interviewing techniques, and problem solving processes specific to practice. Community social services are reviewed and three clock hours of service per week required in agency to facilitate the integration of values, knowledge and skills. Prerequisite: SW 101.

SW 301 Social Welfare Policy (3-0-3). Social welfare as an institution and social work as a profession as mechanisms to deal with the problems of social change and the effects of life in a modern industrial society. How social and individual needs have been dealt with in the past and present, the ideological base for understanding the interface between policies and social welfare. Prerequisite: SW 201.

SW 321 Human Behavior in the Social Environment (3-0-3). Human systems framework, age-related stages of development with special attention to life crises related to each stage, identifying developmental tasks with which social work interventions are especially concerned. Develops key concepts in understanding feminist, racial, ethnic and alternate life styles. Prerequisite: SW 201, SO 101 and P 191.

SW 380 Social Work Statistics and Research Methods (3-0-3). An introduction to the scientific method and the basic elements of research methodology and statistics. The focus will be on the use of research in Social Work and the manner in which research intertwines with other Social Work methods. Prerequisite: SW 301, 321.

SW 385 Social Work Methods — Casework (3-0-3). An examination of skills employed to serve individuals and families; communication skills, problem solving process and case recording. Prerequisite: SW 301, 321.


SW 435 Social Work Methods — Group Work (3-0-3). Dynamics of group behavior, understanding group interaction and the processes of working with groups. Prerequisite: SW 301, 321.

SW 480 Field Work I (0-16-5). Sixteen clock hours per week, the student works as a practicing social worker under the supervision of a professionally trained and experienced social worker. All Juniors must apply for admission into the field work program prior to the beginning of their second semester. Prerequisite: SW 301, 321, 380, may take SW 385 prior to or concurrent with SW 480; must have PERM/INST contingent upon GPA 2.5 overall and 3.0 in Social Work courses.

SW 481 Field Work II (0-16-6). Continuation of Field Work I. Prerequisite: SW 385, 480 and PERM/INST.

SW 488 Senior Level Seminar (1-6-1). Seminar for upper division students and graduates. Prerequisite: SW 481.

II. Anthropology — Social Science Secondary Education Options

Each academic discipline in the Social Sciences (History, Political Science, Sociology, Anthropology and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the Department’s subject matter plus 2 additional fields of study of 15 credits each chosen from the other Social Science fields.

A. Anthropology Courses

Required courses are the same as for the major except SO 310 is not required

B. Secondary Education Requirements

1. Liberal Arts Minor

2. Upper Division Courses

D. In addition to the above required **C** at least 15 credits of which 9 credits must be Upper Division courses offered by any 2 of the following academic disciplines:

C. State Department of Education Certification Requirements

- U.S. History
- Federal Government

D. In addition to the above required **C** at least 15 credits of which 9 credits must be Upper Division courses offered by any 2 of the following academic disciplines:

Economics
- History
- Sociology

III. Anthropology Minor Option

1. Liberal Arts Minor

Completion of the following courses:

- Physical Anthropology AN 101
- Cultural Anthropology AN 102
- Intro to Archaeology AN 103
- Peoples & Culture of the World AN 311

2. Upper Division Courses

- Archaeology of North America AN 312
- Method & Theory in Archaeology AN 421
- Archaeology of Latin America AN 318

3. Other Upper Division Courses

Select 6 credits from each of the following groups of courses:

- Group I Courses
- Group II Courses
- Group III Courses
- World AN 311
- Ancestral Puebloan Archaeology AN 323
- Indian Peoples of the World AN 315
- Peoples & Cultures of the World AN 311
- Anthropology of Education AN 409
- Cultural Anthropology AN 102
- Intro to Archaeology AN 103
SCHOOL OF ARTS & SCIENCES

Upper Division Anthropology Electives ................................. 9
2. Anthropology Education Minor Option .................................. 15
   Required Courses:
   Physical Anthropology AN 101 .................................. 3
   Cultural Anthropology AN 102 .................................. 3
   Upper Division Anthropology Electives ......................... 9
   Intro to Archaeology AN 103 is strongly recommend-

CRIMINAL JUSTICE ADMINISTRATION

Bachelor of Arts Degree
Bachelor of Science Degree

The Bachelor of Arts/Science degree in Criminal Justice Ad-

mistration offers a choice of four professional areas of em-
phasis: Law Enforcement, Courts/Law, Corrections/Counseling
and Planning/Administration.

A student major is required to complete the core courses plus
the courses within a desired area of specialization.

CORE COURSES:  

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<th>Credits</th>
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<td>Literature</td>
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<td>Science or Mathematics (Area III)</td>
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<td>Applied Business Communications OA 238</td>
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<td>General Psychology P 101</td>
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<td>American National Government PO 101</td>
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<td>State/Local Government</td>
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<td>Fundamentals of Speech Communication CM 111</td>
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<td>Introduction to Sociology SO 101</td>
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<td>Introduction to Criminal Justice Administration CR 201</td>
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<td>Police in the Community CR 215</td>
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<td>Administration of Justice CR 301</td>
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<td>Criminal Law CR 321</td>
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<td>Contemporary Correctional Theory and Practice CR 362</td>
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<td>Senior Seminar in Criminal Justice CR 498</td>
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<tr>
<td>Abnormal Psychology P 301</td>
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<td>Juvenile Delinquency SO 415</td>
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<td>Criminology SO 417</td>
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<tr>
<td>Independent Study in Criminal Justice CR 496</td>
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</table>

**May be waived upon demonstration of competency. Contact Prof. Hopfenbeck.

SPECIALTY AREA COURSES:

I. Law Enforcement
   - Defensive Tactics PE 192 1**
   - Law of Criminal Evidence CR 275 3
   - Law of Arrest, Search & Seizure CR 276 3
   - Police Organization and Management CR 351 3
   - Introduction to Criminalistics CR 380 3
   - Criminal Justice Planning CR 425 3
   - Comparative Law Enforcement Administration CR 451 3
   - Field Practicum - Enforcement CR 490 6

   **Must be completed prior to the senior year.

II. Courts/Law
   - Law of Criminal Evidence CR 275 3
   - Law of Arrest, Search & Seizure CR 276 3
   - Judicial Administration and Court Management CR 361 3
   - Criminal Justice Planning CR 425 3
   - Comparative Law Enforcement Administration CR 451 3
   - Constitutional Law PO 351 3
   - Field Practicum - Courts/Law CR 490 6

   Electives to total 128 17-20

III. Corrections/Counseling
   - Corrections in the Community CR 331 3
   - Interviewing and Counseling in Criminal Justice CR 340 4
   - Advanced Interviewing and Counseling in Criminal Justice CR 341 4
   - Criminal Justice Research & Evaluation CR 426 3
   - Field Practicum - Corrections/ Counseling CR 490 6
   - Criminal Justice Elective 3

   Electives to total 128 18-21

IV. Planning/Administration
   - Judicial Administration & Court Management CR 381 3
   - Criminal Justice Planning CR 425 3
   - Criminal Justice Research & Evaluation CR 426 3
   - Comparative Law Enforcement Administration CR 451 3
   - Criminal Justice Electives 6
   - Field Practicum - Planning/Administration CR 490 6

   Electives to total 128 17-20

Associate of Science Degree (Two-Year)
(Suggested Program)

FRESHMAN YEAR:  

| English Composition E 101-102 | 3 |
| Science or Mathematics        | 4 |
| Social Justice CR 101          | 3 |
| American National Government PO 101 | 3 |
| Introduction to Sociology SO 101 | 3 |
| Fundamentals of Speech Communica-
| CM 111                        | 3 |
| CM 111                        | 3 |
| American National Government PO 102 | 3 |
| Social Justice CR 101          | 3 |
| History                       | 3 |
| General Psychology P 101      | 3 |
| American National Government PO 101 | 3 |
| Social Justice CR 101          | 3 |
| Fundamentals of Speech Communica-
| CM 111                        | 3 |
| CM 111                        | 3 |
| American National Government PO 102 | 3 |
| Social Justice CR 101          | 3 |

SOPHOMORE YEAR:

Intro to Financial Accounting AC 205 - 3
Police in the Community CR 215 - 3
Law of Criminal Evidence CR 275 - 3
Humanities - 3
History - 3
General Psychology P 101 - 3
Law of Arrest, Search & Seizure CR 276 - 3
Criminal Justice Research CR 231 - 3

**May be waived upon showing of competency by written test. See Professor Hopfenbeck.

SOCIAL SCIENCE

Bachelor of Arts Degree

1. General University and Basic Core Requirements:
2. Social Science Requirements:
   A. Lower Division Courses ........................................... 21
      Anthropology ................................................   3
      Economics .....................................................   3
      Political Science ............................................   3
      Sociology .....................................................   3
      Social Science Electives ....................................   9
   B. Upper Division Courses (select from the following combinations—12 credits in one field and 6 credits in 2 other fields) 24
SOCIOLOGY

1. General University and Core requirements to meet either Bachelor of Arts or Bachelor of Science Program as given on pages 129, 129. BA degree candidates are required to complete one year of a foreign language. Sociology courses may not be used to satisfy Area II requirements.

2. At least 78 credit hours in fields other than Sociology to be selected by the student in consultation with the student’s Sociology faculty advisor.

3. At least 29 credit hours in Sociology including:
   - Introduction to Sociology SO 101
   - Elementary Social Statistics SO 230
   - Social Research SO 311
   - History of Sociology SO 401
   - Current Sociological Perspectives SO 402
   - Sociology Seminar SO 498

   *The following courses are strongly recommended: HY 102, 103, History of Western Civilization; Mathematics, 8 hours; PS 101, Introduction to Psychology.

SOCIOLOGY—SOCIAL SCIENCE

Secondary Education Option

The Social Science Secondary Education Option Degree programs are cooperative, interdisciplinary programs involving the disciplines of Economics, History, Political Science, Anthropology, and Sociology. Each discipline provides a major curriculum of not less than 30 credit hours. In addition, each of the previously listed departments, with the inclusion of Geography and Psychology, provide for a minor curriculum of not less than 15 credit hours with the addition of 6 hours of U.S. History, as a certification requirement. A student enrolled in a Social Science Secondary Education Option must include one major curriculum and two minor curricula in the degree program. The student is assigned to the department with the major curriculum.

The 30 hour Social Science Curriculum Major in Sociology is the same as for the Bachelor’s Degree in Sociology with the addition of one single credit hour of SO 498, Independent Study (arrangements for this need to be made through contact with individual Sociology professors).

ANTHROPOLOGY

Social Science Curriculum Minor

Required Courses AN 101, 102, 311
Anthropology Electives, Upper Division

SOCIOLOGY

Social Science Curriculum Minor

Required Course SO 101
Sociology Electives — Half must be Upper Division

Minor certification endorsements for teaching areas are listed in this Catalog on page 105 of the Department of Teacher Education Section within the School of Education Division.

MULTI-ETHNIC STUDIES

The Multi-Ethnic Studies program, which is open to all students, in an interdisciplinary area of emphasis, providing a BA degree. The program will help students provide themselves with an understanding of tradition, cultures, languages, problems, and perspectives.

The program is supervised by an interdisciplinary group of faculty and students. Prospective majors may contact Dr. John Jensen, Department of Teacher Education; Dr. P. K. Ourada, Department of History; A. R. Corbin, Department of Sociology, Anthropology and Criminal Justice Administration; or Mamie Oliver, Department of Social Work, to develop program of study.

SCHOOL OF ARTS & SCIENCES

BACHELOR OF ARTS DEGREE

1. General University Requirements

2. Ethnic Studies Requirements

   A. Lower Division Courses
      - Introduction to Multi-Ethnic Studies SO 230
      - Cultural Anthropology AN 102
      - Ethnic Literature Courses
      - Minorities in U.S. History HY 261
      - Upper Division Courses
      - Racial and Cultural Minorities SO 290

   B. Ethnic Courses Electives
      - List of approved Course Offerings available from Program Supervisors

3. General Electives

4. Multi-Ethnic Studies Minor

   A. Requirements
   - History of Western Civilization
   - Introduction to Multi-Ethnic Studies SO 230
   - Minorities in U.S. History HY 261
   - Ethnic Literature Courses
   - Ethnic Courses Electives
   - List of approved Course Offerings available from Program Supervisors

COURSE OFFERINGS

AN ANTHROPOLOGY

LOWER DIVISION

AN 101 Physical Anthropology (3-0-3) (Area II). An introduction to the fossil evidence for human evolution, genetics, modern human variation, the study of living primates, and the relationship between Biology and culture.

AN 102 Cultural Anthropology (3-0-3) (Area II). 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.

AN 103 Introduction to Archaeology (3-0-3) (Area II). An introduction to the basic background and basic techniques of anthropological archaeology. Methods and theory used to reconstruct prehistoric cultures, their environmental settings, activities and histories.

UPPER DIVISION

AN 303 World Prehistory (3-0-3) (F/S). A survey of cultural evolution from the first known evidence of cultural behavior (ca. two million years ago) to the domestication of plants and animals, and the rise of civilization. Special emphasis is placed on the development of civilizations. Prerequisite: AN 101 or AN 102, Upper Division status or PERM/INST.

AN 307 Indians of North America (3-0-3) (F/S). A general survey emphasizing the description and analysis of native cultures and the role of environment and historical factors in North America. Prerequisite: Upper Division status or PERM/INST.

AN 311 Peoples and Cultures of the World (3-0-3) (F/S). The cultural patterns of representative aboriginal peoples. Technology, subsistence, social organization, and religion considered with a view toward environmental adjustment, historical development and functional interrelations. Prerequisite: AN 102, Upper Division status or PERM/INST.

AN 312 Archaeology of North America (3-0-3) (F/S). A survey of prehistoric cultures of North America north of Mexico. The course includes a history of ideas about native American origins and antiquities along with demonstrating regional societal complexity on the continent. Special emphasis is given to the study of early man and the cultures of the Eastern Woodlands, the American Southwest and the Intermountain West. Prerequisite: Upper Division status or PERM/INST.

AN 315 Indian Peoples of Idaho (3-0-3) (F/S). A study of the prehistoric and recent cultures of the Native peoples of Idaho. Topics will include the interpretation of ancient Idaho cultures, the distinctiveness of the recent tribal groupings and the relationship between past and present Idaho societies to those of the Great Basin, Interior Plateau and Northern Plains. Prerequisite: Upper Division status or PERM/INST.

AN 318 Archaeology of Latin America (3-0-3) (F/S). An investigation of the early inhabitants of Middle and South America with emphasis on cultural origins, migrations, and relationship to the habitat. Also considered will be the development of ancient civilizations of Mexico, Central America and the Andean Region of South America. Prerequisite: Upper Division status or PERM/INST.

AN 325 Human Variation (3-0-3) (F/S). An examination of the recent phases of human evolution with emphasis upon present patterns of variability. Evidence will be drawn from physical genetics, behavioral genetics, biochemical analysis and comparative osteology. Prerequisite: AN 103, Upper Division status or PERM/INST.

AN 401 History of Anthropology (3-0-3) (F/S). An historical investigation of scientific events leading to the development of the basic concepts, theory and methods of contemporary Anthropology. Major anthropological contributions by A. L. Kroeber, Margaret Mead, Franz Boas, Julian Steward, B. Malinowski, and others will be used as reference points for presented materials and classroom discussions. Prerequisite: AN 102, Upper Division status or PERM/INST.
COURSE OFFERINGS

CR CRIMINAL JUSTICE ADMINISTRATION

UPPER DIVISION


CR 331 Corrections in the Community (3-0-3) (S). Development, organization, operation and results of post-release correctional programs. Traditional court and institutionally supervised probation and parole, work release, halfway houses, diversion, furlough concept and various community/social agency rehabilitative programs of both traditional and innovative nature. Prerequisite: CR 215 or SO 310.

CR 340 Interviewing and Counseling in Criminal Justice (3-2-4) (F). Theory and skills involved in effective communication, interviewing and counseling for criminal justice personnel. Basic communication skills and processes of problem solving with criminal justice clients emphasized. Prerequisite: upper division Criminal Justice major.

CR 341 Advanced Interviewing and Counseling in Criminal Justice (3-2-4) (S). Analysis of major theoretical counseling models. Development of advanced skills in interviewing and counseling strategies focusing on the unmotivated, involuntary client. Prerequisite: CR 340.


CR 362 Contemporary Correctional Theory and Practice (3-0-3) (F) (Crosslisted SO 362). The historical development, processes, and methods of operating the adult correctional system. Detailed study of the philosophy and development of treatment strategies in local, state and federal correctional institutions. Prerequisite: upper division Criminal Justice major.

CR 380 Introduction to Criminalistics (3-0-3) (S). Introduction to theory and application of physical science to the field of laboratory investigation of crime. Applicable to both advanced field investigation and laboratory techniques. Prerequisite: CR 221. Alternate years with CR 461.

CR 381 Judicial Administration and Court Management (3-0-3) (S) (Even years). Study of principles of court management and judicial administration: court personnel selection, training and evaluation. Examination of modern technology in the management of judicial administration. Prerequisite: CR 301, upper division Criminal Justice major.

CR 425 Criminal Justice Planning (3-0-3) (F). Study of planning concepts and models to provide law enforcement with skills in criminal justice planning, program analysis and development, program evaluation. Use of planning and analytical tools to review current issues in the system. Prerequisite: Upper Division Criminal Justice major.

CR 428 Criminal Justice Research and Evaluation (3-0-3). Basic aims, processes, and limitations of court management, judicial administration, criminal justice, interview and social research methods and techniques for evaluating action programs in the criminal justice field. Prerequisite: CR 425, upper division Criminal Justice major, or instructor permission.

CR 451 Comparative Law Enforcement Administration (3-0-3) (S). An analysis and comparison of law enforcement systems at the federal, state and local levels and international systems. Prerequisite: CR 201. Non-majors: PERM/INST. Alternate years with CR 380.

CR 490 Field Practicum (V-V-6). Student placement in selected criminal justice agencies with assigned duties of regular personnel. Relevant research project required. Weekly seminar meetings with instructor to review research and agency progress. Required of all BA/BS students without one year of criminal justice experience. Summer of junior year, fall/spring by special permission.

CR 495 Senior Seminar in Contemporary Criminal Justice Problems (3-0-3) (S). Exploration of current and anticipated critical issues and problems in the criminal justice system. Prerequisite: CR 201, senior Criminal Justice standing or instructor permission.

SO SOCIOLOGY

LOWER DIVISION

SO 101 Introduction to Sociology (3-0-3) (Area II). Groups, organizations and societies. The impact on human behavior. Emphasis is on sociological perspectives, concepts, meaning and use of sociological concepts and the effect of society on an individual. Prerequisites: CR 215.

SO 102 Social Problems (3-0-3) (Area I). Problems that arise due to breakdown of norms and values in consensus in society, the causes and solutions to these problems. The student will critically examine his/her own values in relation to the problems under consideration.

SO 203 Futuristics (3-0-3) (S). Examination of the variety of forecasts about industrial societies and of the critical problems of contemporary societies: growth, environment, energy, technology, resources, and quality of life. Possible solutions will be reviewed.

SO 209 Introduction to Multi-Ethnic Studies (3-0-3) (F) (Area II). This course views major and minority relations and confronts, challenges and motivates students to know themselves better and understand some societal problems, viz., racism, prejudice, etc. The course deals with the degree to which ethnic relations involve questions of economic and political power and the distribution of the power. It looks at American society's institutional role in maintaining and perpetuating systematic inequality.

SO 250 Population (3-0-3) (F). How composition and changes in population affect, and are influenced by, social, cultural and human actions. Population problems and policies. Prerequisite: SO 101. Alternate years.

UPPER DIVISION

SO 305 Racial and Cultural Minorities (3-0-3) (F/S). Comparative study of inter-ethnic relations. Problems and possibilities of genocide, oppression, integration, pluralism and equality. Prerequisite: SO 101 or P 101 and Upper Division standing.

SO 310 Elementary Social Statistics (3-0-3) (F). The application of measurements to social research data. Basic statistical measures, techniques for their application, meaning and use of sociological concepts. Prerequisites: Upper Division standing and CR 201.

SO 311 Social Research (3-0-3) (S). An introduction to the empirical basis of modern sociological methods of research, design and the statistical analysis of social data. Prerequisite: SO 310 and Upper Division standing.

SO 321 American Society (3-0-3) (F). Sociological views of the United States of America with emphasis on values, institutions, and people undergoing rapid change. Prerequisite: SO 101, Upper Division standing. Alternate years.

SO 325 Sociology of Aging (3-0-3) (F/S). Analysis of aging as a social process emphasizing the role of the process as a result of the changing family. The demands made on and by society because of the way it defines and deals with aging and the problems created for society and for the aged as a result of values, attitudes and beliefs. Prerequisite: SO 101 and Upper Division standing.

SO 331 Deviant Behavior (3-0-3) (F). Analysis of groups who violate the norms of society, the causes and solutions for these forms of behavior. The challenge for students is to decide where the problem lies - with those labeled deviant or with those doing the labeling. Prerequisite: SO 101, Upper Division status. Alternate years.

SO 340 Sociology of the Family (3-0-3) (F/S). An analysis of courtship, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the relationships of these patterns to the larger society. Prerequisite: SO 101. Upper Division status.

SO 350 Social Institutions (3-0-3) (F). Comparative analysis of the ways societies organize behavior around those values deemed necessary for survival including family, religion, economy, government, etc. Prerequisite: SO 101 and Upper Division status. Alternate years.

SO 351 Industrial Sociology (3-0-3) (F). The social organization of work is examined in historical and contemporary perspectives. Prerequisite: SO 101, Upper Division standing.

SO 362 Contemporary Correctional Theory and Practice (3-0-3) (F). Historical development, processes, and methods of operating the adult correctional system. Detailed study of the philosophy and development of treatment strategies in local, state and federal correctional institutions. Prerequisite: Upper Division Criminal Justice major. Alternate years.

SO 371 Social Psychology of Sex Roles (3 credits). This course will examine sex roles in our own society. Attention will be given to the development of identity and roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy on cultural change. This course may be taken for psychology or sociology credit but not for both. Prerequisite: General Psychology 101 or Introduction to Sociology 101 and upper division status. Spring semester.

SO 401 History of Sociology (3-0-3) (F). Examination of the intellectual and social currents which influenced sociology from about 1830 to 1900 during which time Sociology was initially recognized as a separate perspective within Social Science. Major insights of sociological writers of this period. Prerequisite: SO 101, Upper Division standing.

COURSE OFFERINGS

CR CRIMINAL JUSTICE ADMINISTRATION

LOWER DIVISION

CR 101 Social Justice (3 credits) (S). Study of basic issues of law as a means of social control including broader issues of social justice such as poverty, racism, sexism, alienation. Provides foundation for examining relevant critical issues in American society.

CR 201 - Introduction to Criminal Justice Administration (3-0-3) (F). Philosophy, history, objectives and functions of the criminal justice system as a social institution. The relationship of this system to society, general overview of administration of justice.

CR 215 Police in the Community (3-0-3) (F). A study of police behavior in urban and rural areas with an emphasis on the police response to community change, attitudes, special interest groups, and minority relations. Prerequisite: CR 201.

CR 275 Law of Criminal Evidence (3-0-3) (F). Presentation of the laws and rules of evidence, the burden of proof, exclusionary rule, preclusion, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. Prerequisite: CR 201.

CR 276 Law of Arrest, Search and Seizure (3-0-3) (S). A highly concentrated study of the legalities and decision making processes associated with arrest, search and seizure in accordance with statutes, case law and Supreme Court decisions as they relate to constitutional protections. Prerequisite: CR 201.
SO 402 Contemporary Sociological Theory (3-0-3) (S). Study and discussion of selected 20th century theories. Prerequisite: SO 101, Upper Division standing.

SO 403 Social Change (3-0-3) (F/S). Social factors which generate innovation, influence its acceptance or rejection, and determine its effects on society. Planning, collective behavior, diffusion, conflict and other efforts to create change. Prerequisite: SO 101, Upper Division standing. Alternate years.

SO 404 Sociology of Religion (3-0-3) (F/S). Social science perspectives on religion. Religion viewed as human activity influencing and being influenced by social organization and social conditions. Alternate years. 

SO 415 Juvenile Delinquency (3-0-3) (S). Social causes of juvenile delinquency. Solutions that are discussed arise from theories which suggest changing society more than the individual delinquent. Positive and negative activities of the juvenile justice system are also reviewed. Prerequisite: SO 101, Upper Division standing. 

SO 417 Criminology (3-0-3) (F). Examines the social causes of criminal behavior, relevant research, treatment programs, and the criminal justice systems. The student is challenged to question who has wronged whom—the criminal or the system. Prerequisite: SO 101, Upper Division standing.

SO 418 Social Stratification (3-0-3) (F/S). How people are affected by social inequalities of wealth, prestige and power, in the home, the workplace, the school and the community is documented. Analysis and discussion of the arguments for and against more equality will be directed towards helping each student determine what is right. Alternate years.

SO 421 Social Psychology (3-0-3) (F). The influence of social and cultural factors on individual behavior, perception and attitudes, including the effects of groups on their members. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite: SO 101, P 101 and Upper Division standing.

SO 424 Rural Sociology and the Emerging Nations (3-0-3). An examination of the changing growth, demographic, stratification and institutional structure of rural communities, the cause of urbanization and its consequences for individual and group interaction. Prerequisite: SO 101, Upper Division status. Alternate years.

SO 425 The Urban Community (3-0-3) (F/S). An examination of the changing growth, demographic, stratification and institutional structure of urban communities, the cause of urbanization and its consequences for individual and group interaction. Prerequisite: SO 101, Upper Division status. Alternate years.

SO 431 Social Psychology (3-0-3) (F/S). The influence of social and cultural factors on individual behavior, perception and attitudes, including the effects of groups on their members. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite: SO 101, Upper Division standing.

SO 432 Organization Theory and Bureaucratic Structure (3-0-3) (F/S). An examination of complex formal organizations, bureaucracy and human interaction; theory, research and findings are covered. May be taken for Sociology or Political Science credit (PO 487), but not for both. Prerequisite: Upper Division standing, PERM/INST.

SO 433 Sociology Seminar (2-0-2) (S). Intensive study of selected problems in Sociology. Prerequisite: Senior standing in Sociology major.

THEATRE ARTS DEPARTMENT

SS SOCIAL SCIENCE

SS 450 Teaching Social Studies in the Secondary Schools (3-0-3) (F). A course designed to help promote effective teaching of Social Studies and Social Science classes in junior and senior high schools through an investigation of approaches to teaching key concepts and generalizations of the various disciplines, research methodologies used, and to materials and curricula. Prerequisite: Upper Division standing.

THEATRE ARTS MAJOR

Bachelor of Arts Degree

1. General University Requirements, except:
   A. Theatre Symposium TA 010, required each semester of every Theatre Arts major.
   B. Physical Education Courses (as recommended by Advisor, fencing, dance, gymnastics, etc.) 2
   C. Area I Intro to Theatre and Art or Music 6
      Dramatic Literature 3
      Elective Literature Course 3
   D. Area II History of Western Civilization 6
      Elective 6
   E. The Department recommends that Theatre Arts Majors take one year of Foreign Language and LS 101 or 102.

MAJOR SUBJECT REQUIREMENTS

THEATRE: Introduction to Theatre TA 107 3
          Technical Theatre TA 117-118 8

THEATRE EMPhASIS:

1ST SEM. 2ND SEM.
FRESHMAN YEAR:
   English Composition E 101-102 3 3
   *Physical Education 1 1
   Laboratory Science 4 4
   *Introduction to Theatre 3 -
   *Technical Theatre 4 4
   Art or Music - 3
   Intro to use of Books & Libraries - 2

JUNIOR YEAR:
   Foreign Language 4 4
   *Dramatic Literature - 3
   World Drama 3 3
   Electives, Upper Division 6 8
   Electives, Upper Division 6 8

SENIOR YEAR:
   *Directing 3 3
   *Theatre History 3 3
   Electives, Upper Division 6 9
   *Contemporary Drama - 3

1ST SEM. 2ND SEM.
SOPHOMORE YEAR:
   English Composition E 101-102 3 3
   *Physical Education 1 1
   Laboratory Science 4 -
   *Introduction to Theatre 3 -
   *Technical Theatre 4 4
   Electives - 7

SECONdARY EDUCATION EMPhASIS:

1ST SEM. 2ND SEM.
FRESHMAN YEAR:
   English Composition E 101-102 3 3
   *Physical Education 1 1
   Laboratory Science 4 -
   *Introduction to Theatre 3 -
   *Technical Theatre 4 4
   Electives - 7

SOPHOMORE YEAR:
   Literature Elective 3 -
SCHOOL OF ARTS & SCIENCES

*Stage Voice ........................................................................... 3
*Western Civilization ................................................................ 3
Laboratory Science ............................................................... 4
Social Science Elective ......................................................... 3
*Acting ................................................................................... 3
Electives .............................................................................. 4
Total ................................................. 16 16

JUNIOR YEAR:
Foreign Language ............................................................... 4
*Dramatic Literature ............................................................ 3
*Shakespeare ........................................................................ 3
Message for Teachers .......................................................... 3
Educational Psychology ....................................................... 3
Foundations of Education .................................................... 3
Elective ................................................................................ 3
*World Drama ....................................................................... 3
Total ................................................. 16 16

SENIOR YEAR:
*Directing ............................................................................. 3
*Theatre History ................................................................. 3
Secondary School Methods .................................................. 3
Education Electives TE 307 & 333 ......................................... 4
Student Teaching ............................................................... 9
Electives .............................................................................. 6
Total ................................................. 18 16

ENGLISH MINOR FOR THEATRE ARTS
Secondary Education Option: See recommended minor listed in the BSU Catalog log under the English Department heading.

Liberal Arts Option (beyond E 101, 102):
Lower Division Literature ....................................................... 9
One of the following ............................................................... 3
Expository Composition E 201 ................................................ 3
Creative Writing, Poetry E 205 .............................................. 3
Creative Writing, Fiction E 206 .............................................. 3
Upper Division Electives other than English Department Drama Courses ......................................................... 6

*This requirement cannot be fulfilled by E 297, Special Topics Courses.

COURSES APPLYING TO BOTH DISCIPLINES
Shakespeare: Tragedies and Histories E 345 ................................ 3
Shakespeare: Comedies and Romances E 346 ......................... 3
Total in English Minor for Theatre Arts Major ......................... 24

COURSE OFFERINGS

TA THEATRE ARTS
LOWER DIVISION
TA 010 Theatre Symposium (no credit) (F/S). A forum for the presentation and discussion of appropriate theatre-related topics and activities. Class meets weekly. Required of all full-time Theatre Arts majors each semester, but open to any person. Theatre Arts majors may miss no more than four sessions in one semester.
TA 107 Introduction to Theatre (3-0-3) (AREA A). 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 production techniques.
TA 117-118 Technical Theatre (3-4-3) (F/S). Provides the student with a practical knowledge and skill in the principles of the technical aspects of theatre; the mechanical characteristics of the stage and the elements used in productions, development of drafting skills, problem solving in staging, and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required.
TA 182 Stage Make-up (3-0-3) (F). Investigation and production analysis of stage makeup; the relationship of actor to play and audience, an integration of make-up and other technical aspects that influence this particular art. Practical application is emphasized.

TA 212, 412 Movement and Dance For the Performing Artist (3-0-3). For the theatre student and the experienced dancer. The first half of the semester covers improvisation, simple choreography and ballet barre work. The second half covers jazz warm-ups and choreography, culminating in a formal performance. The second half requires much out-of-class work. The class may be repeated once for credit. Maximum credits: 6.
TA 213-216 Acting (1-2-3). Entails study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated.
TA 220 Cinema: History and Aesthetics (3-0-3). An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form.
TA 230 Television: History and Aesthetics (3-0-3) (S). An examination of television as an entertainment medium from critical and historical points of view. Course includes a study of dramatic and comic types, the development of specialized programming, and the social and commercial influences on program content.
TA 231, 331 Major Production Participation (2-0-1). Significant participation in a major college production in some phases of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours.
TA 222, 432 Repertory Theatre (3-0-3). The study and practice of theatre repertory with emphasis on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credits: 6.
TA 233 Stage Voice (3-0-3) (F/S). 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 productions.
TA 281 Puppetry (3-0-3) (F/S). An introduction to the art and craft of puppetry. Emphasis in the class will be on the actual construction of puppets and the creation of puppet plays.
TA 287 Children's Theatre (3-0-3) (F). An examination of the literature, theory and history of theatre for children.
TA 288 Touring Children's Theatre (3-0-3) (S). A concentrated study of the theory and techniques of producing theatre for children. Specific emphasis on a single script selected for a touring production.

UPPER DIVISION
TA 311 Advanced Acting (3-0-3) (F/S). Intensive study in the problems of the actor in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. Prerequisite: TA 215-216 or PERM/INST. Alternate years.
TA 341 World Drama 500 BC-1579 (3-0-3) (F). Study of outstanding selections from dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate years.
TA 342 World Drama 1579-1870 (3-0-3) (S). Same as TA 341, except that the period covered is from 1579 through 1870. Alternate years.
TA 343 World Drama 1870 to 1960 (3-0-3) (S). Same as TA 341, except that the period covered is from 1870 to 1960. Alternate years.
TA 351 Elements of Scenic Design (3-0-3) (F). Major skills of beginning design, included will be art techniques for the theatre, research in major periods of scenic design, examination of major designers' works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118.
TA 352 Costume Design (3-0-3) (S). Major skills of beginning costume design. Included will be art techniques for theatre, research in major periods of costume design, examination of major costume designers' works and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate years.
TA 353 Stage Lighting Design (3-0-3) (S). A study of the theories, principles and practices of stage lighting including both aesthetic conception and practical applications. Script analysis, lighting theory applied to actual designs for various stages and productions. Prerequisite: TA 117-118. Alternate years.
TA 401-402 Directing (3-0-3). Basic theory and techniques of stage directing. Includes the direction of scenes and one-act plays. Special problems of directing are presented. Prerequisite: Upper Division standing.
TA 421g-422g Theatre History (3-0-3) (F/S). Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 BC through approximately 1550 AD; the second semester from the Elizabethan period through the end of the 19th century.
TA 445 Contemporary Drama (3-0-3) (S). A study of world drama since 1900 with an emphasis on current research materials and techniques. Alternate years.
TA 491 Senior Projects (3-0-3) (S). A culminating work for the theatre major. The student will complete a research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formal written, fully documented thesis describing his production and the concept involved. Prerequisite: PERM/CHMN.
SCHOOL OF BUSINESS

Dean: Thomas E. Stitzel, PhD
Associate Dean and Graduate Program Coordinator: J. G. Doss, PhD
School of Business Emeriti: Albertson, Bushby, Edlefson, Johnson, Roe, Tipton, Wilson.

OBJECTIVES

The School of Business at Boise State University is a unique and evolving product of a growing and changing State of Idaho. The School's overall purpose is to provide a professional education that focuses on the development of competencies needed to enhance an individual's capacities for intelligent, informed, and socially responsible decision making in both the private and public sectors of our economy. Teaching is recognized as the major responsibility of the faculty. The nature of the University setting in the State Capitol and population center, which does not offer community college opportunities, establishes special demands on the School to respond to community needs in addition to traditional University education. The School of Business is committed to offering a high quality programs of education which prepare persons for lifelong learning experiences. Specific objectives are to:

1. Prepare graduates for entrance level positions in:
   (a) management and functional areas of business,
   (b) specialized occupations, such as Accounting, Marketing, and Office Management,
   (c) business teaching,
   (d) positions requiring a two-year course of study, such as Fashion Merchandising, Mid-Management, and Office Occupations;

2. Prepare graduates for entrance into graduate schools;

3. Offer courses for nonbusiness students to assist them in the assumption of their citizenship responsibilities and understanding of the free enterprise system;

4. Provide graduate courses leading to the MBA and MS Accounting degrees and others as developed to meet community needs;

5. Serve the nonstudent population of Idaho by offering management development programs and faculty expertise through applied research.

It is our belief that these objectives can be accomplished by quality classroom teaching, research, seminars, informal discussions and community service. The people we serve should benefit both personally and professionally through contact with the School of Business, whether it is for a lecture, a semester, or a degree.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional Liberal Arts or Science courses required for those degrees (see page 30 for BA or BS requirements). Faculty advisors should be consulted about these additional requirements.
Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives. CLEP or challenge examinations are available for this purpose. See page 28 for available CLEP tests.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Word Processing and Secretarial program areas are offered in addition to the Baccalaureate degree programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the AS degree. Credits earned in such courses may be later applied toward the Bachelor 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 degree.

Transfer of Credits. In general, the School of Business shall limit transfer credits for Business courses which apply toward degree requirements to such courses as it offers at that level. In most cases, waiver of Upper Division level course requirements may be granted by departments which establish and administer tests to determine student competency in 100-200 level transfer course before admission to Upper Division level courses.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.

BACHELOR DEGREE PROGRAMS
NOTE: The student will find under each major the particular course of study to follow. Where the term "General Electives" or "Area I, II, or III" appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements: See page 33 for BBA requirements, and page 32 for BA or BS requirements.

All School of Business Baccalaureate degree candidates are required to complete the following Lower Division courses prior to enrolling in Upper Division courses in the School of Business:
- Math for Business Decision M 105-106, or equivalent
- Introduction to Financial Accounting AC 205
- Principles of Economics-Macro EC 201
- Principles of Economics-Micro EC 202
- Business Law GB 202
- Statistical Techniques I GB 207
- Principles of Economics-Macro EC 201
- Principles of Economics-Micro EC 202
- Business Law GB 202
- Statistical Techniques I GB 207

All University students are cautioned that Upper Division standing is a prerequisite for enrollment in 300 and 400 level courses and that several of the Lower Division courses listed above are specific prerequisites for certain Upper Division courses in the School of Business.

School of Business Baccalaureate degree candidates are required to complete the following Upper Division courses prior to GB 450, Business Policies, which is also a required core course:
- Applied Business Communication OA 328
- Principles of Management MG 301
- Principles of Marketing MK 301
- Principles of Finance FI 303
- Principles of Production Management MG 345

The one exception to this requirement is in the BA in Economics program as described in the Catalog.

DEPARTMENT OF ACCOUNTING AND DATA PROCESSING
Business Bldg., Rm. 214 Phone 208/385-3461 Chairman and Associate Professor: Dr. Gordon Pirrong; Professor: Merz; Associate Professors: Cox, Furuyama, MacMillan, Maxson, Medlin; Assistant Professors: Millier; Special Lecturers: Boyll, Ellis, Rolfe, Snodgrass, Stephenson, Wheeler.

ACCOUNTING MAJOR
Bachelor of Business Administration Degree

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
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</tr>
<tr>
<td>Mathematics M 105-106 or M 111-204</td>
<td>4</td>
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<tr>
<td>General Electives (Area I, II, III)</td>
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<tbody>
<tr>
<td>Intro to Financial Accounting AC 205</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Techniques I GB 207</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Business Law GB 202</td>
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JUNIOR YEAR:

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<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Intermediate Accounting I, II, III AC 304-306</td>
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<td>Cost Accounting AC 351</td>
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<td>Intermediate Microeconomics EC 303</td>
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<td>3</td>
</tr>
<tr>
<td>Applied Bus. Comm. OA 328</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Law II GB 302</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Marketing MK 301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Prin. of Prod. Management MG 345</td>
<td>15</td>
<td>18</td>
</tr>
</tbody>
</table>

In addition to general University requirements, the following courses are required for an Accounting major:

Accounting Courses: AC 205, 207, 304, 306, 351, 352, 401, 405, 470
Core Courses: The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC 205, 207, E 101, 102, EC 201, 202, GB 207, DP 210, plus M106 or M204.

NOTE: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, 482, and DP 420 in their program.

INFORMATION SCIENCES MAJOR
Bachelor of Business Administration Degree

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
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<tbody>
<tr>
<td>Information Science I 101-102</td>
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</tr>
<tr>
<td>Mathematics M 105-106 or M 111-204</td>
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<td>4</td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
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<td>9</td>
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<td>Total</td>
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<table>
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<th>SOPHOMORE YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Intro to Data Processing DP 210</td>
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<td>3</td>
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<td>Total</td>
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<td>3</td>
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</table>
AC 402 Advanced Income Taxation (3-0-3). Theory and application of the federal income tax to corporations organized for profit, and an introduction to partnership, trust and estate and gift taxation. Prerequisite: AC 306, AC 491.

AC 405 Auditing (3-0-3) (FS). Study of the scope and purpose of the accountant as an independent auditor. Topics include: professional ethics; legal responsibilities; role of the SEC; approach to an audit; and accumulation of the evidence upon which the auditor bases his report. Prerequisite: AC 306.

AC 410 Systems Analysis and Design (3-0-3). Concepts and techniques of the design of information systems. Topics include systems theory, data collection, classification, transmission and display, on-line systems and time sharing. Credit may not be earned for both DP 420 and AC 410. Offered when possible. Prerequisite: AC 205.

AC 420 Accounting Theory (3-0-3) (F). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination and the measurement process in accounting. May be taken for graduate credit. Prerequisite: AC 308.

AC 450 Data Processing For the Accountant (3-0-3). A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer is used as the problem solving tool. Offered when possible. Prerequisite: AC 405.

AC 470 Advanced Accounting (3-0-3) (FS). Study of partnership organization, liquidation and dissolution, business combinations and consolidated financial statements; segmental reporting; international accounting standards; fiduciary accounting and an introduction to non-profit reporting.

AC 482 CPA Problems (8-0-4) (S). In depth consideration of the more complex accounting principles and procedures taught on the undergraduate level. Designed to assist the student in preparing for the certified public accountant examination. Prerequisite: AC 405, AC 470.

**COURSE OFFERINGS**

**DEPARTMENT OF BUSINESS ADMINISTRATION**

Business Bldg., Rm. 213

Phone 206/385-3452

Chairman and Professor: Dr. Susan I. Brenden; Professors: Clark, Cornwell, Manship; Associate Professors: Bounds, Williamson; Assistant Professors: Butler, Carlton, Warberg.
SOPHOMORE YEAR:

SCHOOL OF BUSINESS

BUSINESS EDUCATION MAJOR
Basic Business Option
Bachelor of Business Administration Degree

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Electives (Area III)</td>
<td>3</td>
</tr>
<tr>
<td>Int. or Adv. Typewriting OA 107 or 209</td>
<td>2</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
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</tr>
<tr>
<td>Electives (Area I)</td>
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</table>

SOPHOMORE YEAR:

Intro Financial Accounting AC 205 | 3 |
Intro Managerial Accounting AC 206 | 3 |
Prin. of Economics (Area II) EC 201-202 | 3 |
Business Law I GB 202 | 3 |
Elective (Area I) | 3 |

JUNIOR YEAR:

Principles of Marketing MK 301 | 3 |
Principles of Management MG 301 | 3 |
Principles of Finance FI 303 | 3 |
Secondary School Methods TE 381 | 3 |
Principles and Organization of Vocational Education-Job Analysis BE 441 | 3 |
Technical Writing for Business OA 338 | 3 |
Prin. of Prod. Management MG 345 | 3 |
Electives (Area II Core) | 3 |
Reading in the Content Subjects TE 307 | 3 |
Applied Bus. Comm. OA 328 | 3 |

SENIOR YEAR:

Methods in Business Education BE 401 | 3 |
Administration of Cooperative Programs BE 443 | 3 |
Speech Communication for Teachers CM 311 | 3 |
Educational Psychology P 325 | 3 |
Business Student Teaching BE 471 | 3 |
Business Curriculum and Methods Seminar BE 421 | 3 |
Methods and Materials in Distributive Education BE 409 | 2 |
Money and Banking EC 301 | 3 |
Business Policies GB 450 | 3 |

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.

BUSINESS EDUCATION MAJOR
Distributive Option
Bachelor of Business Administration Degree

FRESHMAN YEAR:

English Composition E 101-102 | 3 |
*Intermediate or Advanced Typewriting OA 107 or 209 | 2 |
General Psychology (Area II) P 101 | 3 |
Business Math/Machines OA 115 | 3 |
Mathematics (Area III) M 105-106 | 4 |
Salesmanship MM 101 | 3 |
Merchandise Analysis MM 102 | 3 |
Principles of Retailing MM 202 | 3 |

SOPHOMORE YEAR:

Intro to Financial Accounting AC 205 | 3 |
Intro to Managerial Accounting AC 206 | 3 |
Prin. of Economics (Area II) EC 201-202 | 3 |
Business Law I GB 202 | 3 |
*Beginning and Int. Shorthand OA 101-102 | 4 |
Foundations in Education TE 201 | 3 |
Intro to Data Processing DP 210 | 3 |

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.

BUSINESS EDUCATION MAJOR
Shorthand Option
Bachelor of Business Administration Degree

FRESHMAN YEAR:

English Composition E 101-102 | 3 |
*Intermediate or Advanced Typewriting OA 107 or 209 | 2 |
General Psychology (Area II) P 101 | 3 |
Business Math/Machines OA 115 | 3 |
Mathematics (Area III) M 105-106 | 4 |
Salesmanship MM 101 | 3 |
Merchandise Analysis MM 102 | 3 |
Principles of Retailing MM 202 | 3 |

SOPHOMORE YEAR:

Intro Financial Accounting AC 205 | 3 |
Intro Managerial Accounting AC 206 | 3 |
Prin. of Economics (Area II) EC 201-202 | 3 |
Business Law I GB 202 | 3 |
*Beginning and Int. Shorthand OA 101-102 | 4 |
Foundations in Education TE 201 | 3 |
Intro to Data Processing DP 210 | 3 |

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.

BUSINESS EDUCATION MAJOR
Distributive Education Emphasis
Bachelor of Business Administration Degree

FRESHMAN YEAR:

English Composition E 101-102 | 3 |
Electives (Area I) | 3 |
Business Math/Machines OA 115 | 3 |
General Psychology (Area II) P 101 | 3 |
Mathematics (Area III) M 105-106 | 4 |
Salesmanship MM 101 | 3 |
Merchandise Analysis MM 102 | 3 |
Principles of Retailing MM 202 | 3 |

SOPHOMORE YEAR:

Intro Financial Accounting AC 205 | 3 |
Intro Managerial Accounting AC 206 | 3 |
Prin. of Economics (Area II) EC 201-202 | 3 |
Business Law I GB 202 | 3 |
*Beginning and Int. Shorthand OA 101-102 | 4 |
Foundations in Education TE 201 | 3 |
Intro to Data Processing DP 210 | 3 |

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 24 for more information.
JUNIOR YEAR:
- Principles of Marketing MK 301 .................................. 3
- Secondary School Methods TE 381 ................................ 3
- Office Management OA 317 ....................................... 3
- Principles of Management MG 301 ................................. 3
- Advanced Shorthand OA 201 ...................................... 4
- Administrative Office Procedures OA 310 ....................... 3
- Technical Writing for Business OA 338 .......................... 3
- Principles of Finance FI 303 ...................................... 3
- Electives (Area III) ............................................... 4
- Reading in the Content Subjects .................................. 3

SENIOR YEAR:
- Methods in Business Education BE 401 ......................... 3
- Business Curriculum and Methods ................................
- Seminar BE 421 ....................................................
- Records Preparation & Management OA 309 ....................
- Speech Communication for Teachers .............................
- CM 311 ....................................................................
- Educational Psychology P 325 ...................................
- Business Student Teaching BE 471 ................................
- Prin. of Prod. Management MG 345 ............................... 3
- Business Policies GB 450 ......................................... 3
- Electives (Area I) .....................................................
- Consumer Education in the Schools BE 411 .................

OFFICE ADMINISTRATION MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:
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<th>Course Description</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Intermediate and Advanced Typewriting OA 107 and 209</td>
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<tr>
<td>Business Math/Machines OA 115</td>
<td>3</td>
<td></td>
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<tr>
<td>General Psychology (Area II) P 101</td>
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<tr>
<td>Mathematics (Area III) M 105-106</td>
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<tr>
<td>Area I Electives</td>
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<tr>
<td>Fund. of Speech Communications CM 111 ...................</td>
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SOPHOMORE YEAR:
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<th>Course Description</th>
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<tbody>
<tr>
<td>Business Law I GB 202</td>
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<td></td>
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<tr>
<td>Intro Financial Accounting AC 205</td>
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<tr>
<td>Intro Managerial Accounting AC 206</td>
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<tr>
<td>Word Processing Machine Transcription OA 213</td>
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<td>Statistical Techniques I GB 207</td>
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<td>Principles of Economics EC 201-202</td>
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<tr>
<td>Intro to Data Processing DP 210</td>
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<tr>
<td>Principles of Marketing MK 301</td>
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SCHOOL OF BUSINESS

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<tr>
<td>*Beginning Shorthand OA 101</td>
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<td>*Beginning Typewriting OA 105</td>
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<td>Electives</td>
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<td>*Intermediate Shorthand OA 121</td>
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<tr>
<td>*Intermediate Typewriting OA 107</td>
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<tr>
<td>Business Math/Machines OA 115</td>
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<td>3</td>
</tr>
<tr>
<td>Intro to Information Processing OA 211</td>
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SOPHOMORE YEAR:
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<tr>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>Fund of Speech Communications CM 111</td>
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<td>3</td>
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<tr>
<td>Intro Financial Accounting AC 205</td>
<td>3</td>
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<td>Principles of Macroeconomics EC 201</td>
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<td>Records Preparation and Management OA 309</td>
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<td>Editing for Word Processing OA 219</td>
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<td>Administrative Office Procedures OA 310</td>
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</tr>
<tr>
<td>Word Processing, Machine Transcription OA 213</td>
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*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.
SCHOOL OF BUSINESS

Word Processing, Micro Keyboarding……………………………………………………………………3
OA 215 ......................................................................................................................................3
Electives .....................................................................................................................................2
Applied Business Communications OA 328……………………………………………………………..3
TOTAL ..........................................................................................................................................17
1ST SEM. 2ND SEM.

SECRETARIAL PROGRAM

FRESHMAN YEAR: English Composition E 101-102 .................................................................3
Intro to Business GB 101 ........................................................................................................3
*Beginning Shorthand OA 101 .................................................................................................4
*Beginning Typing OA 105 ......................................................................................................2
Electives (Area II) ...................................................................................................................3
*Intermediate Shorthand OA 121 .............................................................................................4
Intermediate Typewriting OA 107 ..........................................................................................2
Business Math/Machines OA 115 ..........................................................................................3
Intro to Information Processing OA 211 ................................................................................3
TOTAL ........................................................................................................................................15

SOPHOMORE YEAR: Fund of Speech Comm. CM 111 ..............................................................3
Intro Financial Accounting AC 205 ..........................................................................................3
Principles of Economics, Macro EC 201 ..................................................................................4
Advanced Shorthand OA 201 ..................................................................................................4
Advanced Typewriting OA 209 ...............................................................................................2
Records Preparation and Management OA 309 .......................................................................3
Applied Business Communications OA 328 ..........................................................................3
Secretarial Transcription OA 221 ..........................................................................................4
Administrative Office Procedures OA 310 ...............................................................................3
Word Processing, Machine Transcription OA 213 ...............................................................2
Electives .....................................................................................................................................2
TOTAL ........................................................................................................................................17

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Office Systems majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 8 credits may be earned. Refer to page 24 for more information.

LOWER DIVISION

OA 101 Beginning Shorthand (5-4) (FS). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skills, vocabulary development. Prerequisite: demonstrated proficiency in typewriting or current enrollment in typewriting.

OA 105 Beginning Typewriting (5-2) (FS). Theory and keyboard operations on the typewriter with application for personal or business use.

OA 107 Intermediate Typewriting (3-2) (FS). Review of typing fundamentals for development of speed and accuracy with application of these skills for use. Prerequisite: OA 105 or advanced placement through proficiency exam.

OA 115 Business Mathematics/Machines (3-0-3) (FS). Practical course in business mathematics. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, proration and distribution, and standard deviation covered. The student uses the electronic calculator.

OA 121 Intermediate Shorthand (5-4) (FS). Review of shorthand theory with emphasis on dictation and transcription to improve speed and accuracy. Prerequisite: OA 101 or advanced placement through proficiency exam.

OA 201 Advanced Shorthand (5-6) (FS). 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 through proficiency exam.

OA 209 Medical Office Orientation (1-0-1) (Alternate years). Study of medical occupations of various types, specialty records and filing systems, legal aspects of medical work, management of the medical office, and ethics and psychology in a medical office.

OA 227 Procedures Of A Law Office (1-0-1) (S). Overview of office procedures and methods as they relate to the work of a legal secretary. Legal terminology, the history of the law, court structure, and the areas of law commonly handled in a legal office are covered.

OA 209 Advanced Typewriting (3-2) (FS). Continued study of typing procedures to develop speed and accuracy in office applications. Prerequisite: OA 107 or advanced placement through proficiency exam.

OA 211 Introduction to Information Processing (3-3) (FS). Information as a major resource of business. Information processing concepts, equipment, and systems in business. Areas of information considered are: Telecommunications, word processing, integrated word/data processing systems, electronic mail, electronic conferencing, replographics, micrographics, records processing, and office administration. Creation, storage, processing, and distribution of business information.

OA 213 Word Processing, Machine Transcription (2-0-2) (FS). The development of speed and accuracy in machine transcription is emphasized by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. Prerequisite: OA 209.


OA 219 Editing For Word Processing (1-0-1) (S). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting and editing. Prerequisite: Grade of C or higher is recommended in E 102 and OA 107.

OA 221 Secretarial Transcription (5-0-4) (S). Advanced instruction in transcription and dictation. Prerequisite: OA 201.

UPPER DIVISION

OA 308 Records Preparation and Management (3-0-3) (S). Creation, processing, maintenance, protection and destruction of business records. These topics will be covered from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed.

OA 318 Administrative Office Procedures (3-0-3) (S). Office procedures at the administrative level. The case study and project approach will be used. Procedures necessary to direct and supervise office activities as well as perform them.

OA 317 Office Management (3-0-3) (S). Introduction to the area of information management. Functions of office management include areas such as production, environmental analysis, systems analysis and personnel administration.

OA 328 Applied Business Communication (3-0-3) (FS). The effectiveness and correctness of writing and the psychology of letter writing will be stressed through the preparation of a variety of business messages. Specific memorandum and letter problems will be used in conjunction with various cases to provide students with realistic opportunities to develop writing skills necessary for entry-level performance. Prerequisite: E 102.

OA 338 Technical Writing for Business (3-0-3) (S). A study and application of the principles and logic of effective writing in the preparation of business reports and technical papers. Specific as well as general instruction in the gathering and interpreting of data, organizing of information, and writing of the final report. The case-study approach will be used. Prerequisite: OA 328.

COURSE OFFERINGS

BE BUSINESS EDUCATION

UPPER DIVISION

BE 401 Methods in Business Education (3-0-3) (F). Methods and materials of instruction in business subjects at the secondary and post-secondary levels. Methods of teaching the adult learner. Application of principles of learning and teaching to business education. Must be taken prior to student teaching.

BE 403 Methods and Materials in Distributive Education (2-0-2) (F). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Organization and administration of vocational student groups.

BE 411 Consumer Education in the Schools (3-0-3) (S). For students preparing to teach consumer related topics. To introduce prospective teachers to teaching methodology appropriate to Consumer Education. Learning materials and resources will be identified and reviewed. Prerequisite: Senior level or PERM/INST.

BE 421 Business Curriculum and Methods Seminar (3-0-3) (S). Coverage of current issues and methods in business education, curriculum, research, vocational guidance, and the handicapped student. Includes counseling responsibilities, curriculum development, teaching the disadvantaged and handicapped, and modifying vocational programs for students with special needs. Individual research and presentation emphasized.

BE 441G Principles and Organization of Vocational Education Programs-Job Analysis (3-0-3) (S). Philosophy, history, purpose and organization of Vocational Education programs. Occupational analysis to include nature and use of occupational information, labor force opportunities, job values, job analysis, job descriptions, and job requirements.

BE 441G Administration and Coordination of Cooperative Programs (3-0-3) (F). Selection, guidance, placement, supervision and follow-up of students in training stations. Responsibilities of good public relations, organization, maintenance, and utilization of advisory committees. Vocational youth groups, including philosophy, establishment, leadership roles, financial activities, and contests.

BE 471 Business Student Teaching (8-0-8) (FS). Supervised teaching under the direction of qualified, business teacher-education specialists. Prerequisite: BE 401 and PERM/DIR.
### DEPARTMENT OF ECONOMICS

**Business Bldg., Rm. 311**  
**Phone 208/385-3351**  
**Chairman and Professor:** Dr. Richard D. Payne;  
**Professors:** Asmus, Billings, Holley, Lamborn, Mitchell;  
**Associate Professors:** Draayer, Lichtenstein, Sula;  
**Assistant Professor:** Reynolds.

#### ECONOMICS MAJOR

**Bachelor of Arts Degree**

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*Must include hours in at least 2 of 3 definable areas as listed on page 33 of the Catalog.

### ECONOMICS—SOCIAL SCIENCE

#### SECONDARY EDUCATION OPTION

Each academic department in the Social Sciences (History, Political Science, Sociology, Anthropology & Criminal Justice, and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose 2 minor areas from the remaining Social Sciences and complete 15 credits in each. For teaching endorsements as a Secondary School teacher, an additional 5 credits must be earned in one or more of the minor areas (see page 103 of the Catalog).

#### DEGREE REQUIREMENTS

**ECONOMICS MAJOR ENDORSEMENT (30 of 30-15-15)**

1. General University and Basic Core Requirements as listed on page 31-33 of the Catalog.
2. Two approved teaching minors (15 hours each) from:  
   A. History  
   B. Political Science  
   C. Anthropology  
   D. Sociology  
   E. Geography
3. Economics Courses - 30 hours  
   - Required Courses EC 201, 202, 303, 305 - 12 hours  
   - Other Economics Courses - 18 hours
4. Accounting AC 205
5. Education courses to meet Idaho State Department of Education Certification Requirements for Teachers in Secondary Education - 25 or 30 hours (See Teacher Education Section, page 104 for course listings).
6. Sufficient electives to complete a total of 128 credit hours of which 40 must be Upper Division.

**ECONOMICS MINOR ENDORSEMENT (15 of 30-15-15)**

Required Courses EC 201, 202, 303, 305 - 12 hours
Upper Division Economics Courses - 3 hours

**ECONOMICS MINOR ENDORSEMENT (General)**

(For Secondary Education majors NOT participating in the 30-15-15 program)

Required Courses EC 201, 202, 303, 305 - 12 hours
Upper Division Economics Courses - 9 hours

#### EC ECONOMICS

**LOWER DIVISION**

EC 201 Principles of Economics-Macro (3-4-3) (Area III). Economic principles are used to analyze the aggregate performance of developed economies. Analysis is applied to domestic and international macroeconomic issues. The goals and problems of high

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EC 202 Principles of Economics-Micro (3-0-3) (AREA II). An introduction to microeconomic analysis covering supply and demand, the basic market structures, the operation of the price system, and the distribution of income. Provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development.

EC 210 Contemporary Economic Problems (3-0-3) (F/S). An semester introduction to economics centered around selected contemporary economic problems. Principles are introduced to help analyze problems and point out alternative solutions. Not allowed as part of the economics major requirements. Not allowed for credit to those students who have taken EC 201 and EC 202. Prerequisite: None.

EC 219 Environmental Economic Problems: Economics and the Quality of Life (3-0-3) (F). Choices must be made between the kind of economic growth society wants and the resulting quality of life. Environmental impacts of growth, including air, water and noise pollution, urban congestion, natural resource depletion, and population pressures are examined. Policy prescriptions and economic implications of environmental control are discussed.

EC 301 Money and Banking (3-0-3). Analysis of the role of money, credit and the financial system in the U.S. economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. Prerequisite: EC 201, EC 202.

EC 302 Intermediate Microeconomics (3-0-3). An analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. Topics include consumer choice and demand, theories of production and cost, and the economic performance of various market structures. The usefulness of price theory in analysis of social problems and managerial decisions is stressed. Prerequisite: EC 202.

EC 305 Intermediate macroeconomics (3-0-3). Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic policy instruments and decisions on aggregate economic performance. Prerequisites: EC 201.

EC 310 Public Finance (3-0-3) (S). A study of the role and impact of government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxing, and indebtedness will be examined. The effects of government activity on allocation of resources and distribution of income. Attention will be paid to state and local problems. Prerequisite: EC 201 or PERM/INST.

EC 311 History of Economic Thought (3-0-3) (F). Study of the origin and development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. Prerequisite: EC 201-202.

EC 315 Comparative Economic Systems (3-0-3) (S). A comparative study of the goals and methods of various economic systems such as capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. Prerequisite: EC 201 or PERM/INST.

EC 317 International Economics (3-0-3) (S). The benefits and patterns of world trade and investment. Tariffs, quotas and the commercial policies of nations. The foreign exchange market and the balance of payments. Consequences of balance of payments disequilibrium for national policy. The analysis of international payments adjustment and the role of the nature and institutions of international monetary systems. Prerequisite: EC 201-202.

EC 321 Regional Economics (3-0-3) (F). Application of economic analysis to regional problems of structure, growth and policy. Location theory, various growth models, and specific techniques such as Input-output analysis, base multipliers and cost benefit analysis are developed. Prerequisite: EC 201-202.

EC 322 Urban Economics (3-0-3) (S). Focus on the structure of the urban areas, location patterns, housing, crime, pollution, poverty, financial and transportation problems. These economic analyses will be used to analyze the problems and existing and proposed policies. Prerequisites: EC 201, 202, or PERM/INST.

EC 325 Radical Economics (3-0-3) (F). Analysis of radical political-economic thought and its applications to the study of socio-economic problems. Topics include Marxian socialist economic theory, libertarianism, anarchist theory, evolutionary economic theory, and other radical models. Issues such as imperialism, economic and social inequality and alienation will be considered. Prerequisite: Upper division or PERM/INST.

EC 327 Labor Economics (3-0-3) (F). Characteristics and structure of the U.S. labor force are examined and labor markets are analyzed to emphasize the micro- and macroeconomic factors affecting workplace decisions. Development of the U.S. industrial relations system is reviewed along with public policies and these are contrasted with those of other western industrialized societies. Prerequisite: EC 201-202.

EC 405 Business Fluctuations and Economic Stabilization (3-0-3). Application and extension of macroeconomic theory to the study of economic instability. Theories of economic fluctuations and their measurement. Goals, objectives and tools of stabilization policy including techniques of macroeconomic forecasting and modeling. Prerequisite: EC 305. Alternate years.

EC 411 (HY 411) U.S. Economic History (3-0-3) (S). Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: EC 201 or PERM/INST. Alternate years.

EC 412G-422G Econometrics (3-0-3). Application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. Prerequisite: M 108 or equivalent and PERM/INST. May be taken for graduate credit. EC 421G - Fall; EC 422G - Spring.
**GENERAL BUSINESS MAJOR**  
Bachelor of Business Administration Degree

### FRESHMAN YEAR:
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*Production Management Electives: Compensation Management, MG 406; Fluid Mechanics, EN 301; Labor Relations, MG 340; Labor Law, MG 330; Thermodynamics and Heat Transfer, EN 320.*

**SCHOOL OF BUSINESS**  
**MANAGEMENT MAJOR**  
BEHAVIORAL OPTION  
Bachelor of Business Administration Degree

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### MANAGEMENT MAJOR

#### QUANTITATIVE OPTION

**Bachelor of Business Administration Degree**

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#### Sophomore Year

<table>
<thead>
<tr>
<th>1ST SEM.</th>
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</thead>
<tbody>
<tr>
<td>Intro Financial and Managerial Accounting AC 205-206</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics EC 201-202</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Techniques I GB 207</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Techniques II GB 208</td>
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<tr>
<td>General Electives (Area I, II, III)</td>
<td>6</td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>15</td>
</tr>
</tbody>
</table>

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</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
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<tr>
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<td>3</td>
</tr>
<tr>
<td>Intermediate Macroeconomics EC 305</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Transportation GB 325</td>
<td>3</td>
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<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
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<tr>
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<tbody>
<tr>
<td>Quantitative Analysis GB 366</td>
<td>3</td>
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<tr>
<td>Organization Theory MG 405</td>
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<tr>
<td>Operations Decision and Controls MG 405</td>
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<tr>
<td>Operations Management MG 408</td>
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<td>Business Policies GB 450</td>
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<td>Government and Business GB 441</td>
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<tr>
<td>General Electives (DP 345 suggested)</td>
<td>4</td>
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<tr>
<td>Applied Business Communications OA 328</td>
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</table>

### MANAGEMENT MAJOR

#### INDUSTRIAL RELATIONS OPTION

**Bachelor of Business Administration Degree**

<table>
<thead>
<tr>
<th>Freshman Year</th>
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<tr>
<td>Fund. of Speech Comm. (Area II) CM 111</td>
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<tr>
<td>Mathematics M 105-106 or M 111-204</td>
<td>4</td>
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<tr>
<td>Personnel Administration MG 305</td>
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<tr>
<td>Labor Relations MG 340</td>
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<tr>
<td>Compensation Management MG 406</td>
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<tr>
<td>Labor Law MG 336</td>
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<tr>
<td>Prin. of Prod. Management MG 345</td>
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<tr>
<td>Organization Theory MG 405</td>
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### MANAGEMENT MAJOR

#### AVIATION OPTION

**Bachelor of Business Administration Degree**

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SCHOOL OF BUSINESS

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AV 201 Principles of Management (3-0-3). An overview of fundamental management decisions. Topics include organization, human behavior, and compensation. How to avoid financial entanglements; installment buying, borrowing money, owning or renting a home; budgeting and money management; savings and investment alternatives; life, health, accident and auto insurance; personal income taxes and estate planning. Prerequisite: Junior or Senior with declared business majors.

AV 250 Introduction to Securities and Securities Markets (3-0-3) (F/S). Topics include operation of securities markets, the U.S. sources of investment information, the mechanics of direct investing, basic security analysis, and analysis of mergers and acquisitions. Cases and readings are used to complement text. Prerequisite: F1303.

AV 301 Financial Management (3-0-3) (F/S). Critical analysis of different sources of funds, capital markets, and analysis of mergers and acquisitions. Cases and readings are used to complement text. Prerequisite: F1303.

AV 331 Airport Management (3-0-3) (F/S). Course addresses the growing complexity of the aviation industry by covering construction and operation of facilities, airline operations, airport operations and regulations, and the interaction between airports and other entities. Prerequisite: AV 201.

GB 101 Introduction to Business (3-0-3). Designed to acquaint the student with the many phases of business. An introduction to the business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

GB 202 Business Law I (3-0-3). An introduction to the legal system including courts, legislation, and lawyers. Designed to emphasize such specific substantive areas of law as contracts, agency, torts, personal property and antitrust aspects of government regulation of business. Freshman excluded.

GB 203 Statistical Techniques for Decision Making I (3-0-3). Designed to provide an understanding of the working knowledge of the basic descriptive and inferential statistics. Business applications of such statistical concepts as the Poisson and normal distributions, interval estimates, and hypothesis testing are covered. Prerequisite: M106 or equivalent.

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AV AVIATION MANAGEMENT

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GB GENERAL BUSINESS

LOWER DIVISION

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SCHOOL OF BUSINESS

GB 208 Statistical Techniques for Decision Making II (3-0-3) (FS). Statistical methods beyond GB 207. The course concentrates on using these procedures in a business decision making environment. Topics covered include simple and multiple regression analysis and Bayesian decision theory. Whenever applicable, computer software programs are used to assist in the learning process. Prerequisite: GB 207, DP 210.

UPPER DIVISION

GB 302 Business Law II (3-0-3) (FS). Study of the Uniform Commercial Code with emphasis on sales, bulk transfers, documents of title, commercial paper, and secured transactions. Also, the formation, operation and dissolution of partnerships and corporations, the merger and consolidation of corporations. Prerequisite: GB 202.

GB 325 Principles of Transportation (3-0-3) (F/S). Study of the economic and management problems and functions of the transportation industry. Covers the organization and structure of the transportation industry as well as the history, development, operations, pricing and legal controls and obligations of firms engaged in transportation services.

GB 360 Business Ethics, and Social Responsibility (3-0-3) (F). An exploration of business conduct and social responsibility in the light of existing ethical, moral and social values. Designed to enable students to form individual positions on ethical conduct and social responsibility.

GB 366 Quantitative Analysis for Business Decisions (3-0-3) (F). Study of quantitative tools traditionally referred to as operations research techniques. Emphasis is on the illustration of the functional use of the techniques and how they assist the decision maker. Topics typically covered include linear programming and critical path analysis. Prerequisite: GB 207, MG 301.

GB 441G Government and Business (3-0-3) (S). Intensive study of and student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations are researched and analyzed as well as selected local and state regulatory agencies. May be taken for graduate credit. Prerequisite: GB 202.

GB 455 Business Policies (3-0-3). To develop analytical, problem solving and decision making skills in situations dealing with complex organizations with the ultimate objective of formulating policies and strategies: both domestic and worldwide. To build upon and integrate the knowledge and methods required to examine all functional areas of the organization. Prerequisite. Senior standing plus MG 201, MK 201, MG 345, FI 303.

COURSE OFFERINGS

MG MANAGEMENT

UPPER DIVISION

MG 301 Principles of Management (3-0-3). The history of management, schools of management thought, and the planning, organizing, directing and controlling functions of management. Emphasis is given to management, and the application of quantitative techniques in management. Prerequisite: M 106.

MG 305 Personnel Administration (3-0-3) (FS). The functions of personal administration—human resources, planning, procurement, development, utilization, and control. Some attention will be devoted to the federal and state problem areas. May be taken for credit. Prerequisite: MG 301 or PERM/INST.

MG 317 Small Business Management (3-0-3) (F/S). Study of the unique and distinct problems faced by small businesses. The small business as a unit to be funded, managed, and the development of the business environment. Prerequisite: MG 201 and MG 301.

MG 339 Labor Law (3-0-3) (F/S). The general principles of the labor law and the effective application of these principles. Such issues as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanisms of conflict resolution are discussed.

MG 340 Labor Relations (3-0-3) (F/S). History, structure, policies, and operations of labor unions, the functioning of industrial relations activities within organizations, and the important concepts and terminology in labor-management relations. Contact administration is emphasized with a focus on the day-to-day relationships. International comparisons are made.

MG 345 Principles of Production Management (3-0-3) (FS). Management of the production function. Design, analysis, planning, and control of production processes. Plant location, design and layout, scheduling, time and motion study, quality control, material acquisition, and systems theory. Quantitative techniques are considered. Prerequisite: Upper division standing. GB 207 and MG 301.

MG 401 Human Resource Management (3-0-3). Utilizing concepts and theories from the behavioral sciences, this course covers topics essential to effectively manage human resources. Topics covered include perception, motivation, attitudes, power and leadership. Prerequisite: MG 301.

MG 405 Organizational Theory (3-0-3) (S). Development of organizational theory including the following specific areas: organizational structure, bureaucracies, organizational influence processes, politics, power and conflict, organizational development and organization change activities. Prerequisite: MG 301.

MG 408 Compensation Management (3-0-3) (FS). Implementation, administration, maintenance, and control of a comprehensive compensation program. Job analysis, job evaluation, pricing of jobs, supplemental benefits, incentive plans, and performance appraisal. Legislation affecting compensation and unique compensation problems for public employees and employees of trans-national enterprises. Prerequisite: MG 303 or PERM/INST.

MG 460 Operations Decisions and Controls (3-0-3) (S). Decisions analysis tools such as probability assessment, utility theory, certainty models, uncertainty models, and Bayesian statistical inference. Emphasis will be on presenting the tools in actual business applications. Prerequisite: GB 208, MG 301.

MG 415 Collective Bargaining (3-0-3) (F/S). Materials and resources utilized in preparation for negotiations. Bargaining strategies and tactics are examined. Various methods of conflict resolution are explored, with an emphasis on the mediation and arbitration process. The negotiated agreement is also considered. Special attention is devoted to public sector bargaining. Prerequisite: MG 340, 330 or PERM/INST.

DEPARTMENT OF MARKETING AND MID-MANAGEMENT

Business Bldg., Rm 306
Phone 208/385-3356
Chairman and Professor: Dr. Duston R. Scudder; Professor: Knowlton; Associate Professors: Lane, Lincoln, McCain; Assistant Professors: Johnson.

MARKETING MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:

1ST SEM. 2ND SEM.
English Composition E 101-102 3 3
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**Electives 3 3
Fund. of Speech Comm. (Area II) CM 111 3
Introduction to Sociology SO 101 3
16 16

3
SOPHOMORE YEAR:
Intro Financial Accounting AC 205.............................. 3
Intro Managerial Accounting AC 206 ......................... 3
Principles of Economics EC 201-202 ......................... 3
Business Law I GB 202 ......................................... 3
Intro to Data Processing DP 210 ............................. 4
Physical or Biological Science Electives ................... 3
Elective .................................................................. 1

33
16
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JUNIOR YEAR:
Principles of Marketing MK 301 ................................ 3
Intermediate Microeconomics EC 303 ...................... 3
Principles of Management MG 301 ......................... 3
Principles of Finance FI 303 .................................. 3
Economics/Electives(Upper Division) ...................... 6
Marketing Electives ............................................. 3
Intermediate Marketing Mgmt. MK 320 .................. 3
Prin. of Prod. Management MG 345 ...................... 3
Applied Business Communications OA 328 ......... 3

18
15

SENIOR YEAR:
Advanced Marketing Mgmt. MK 425 ....................... 3
Marketing Electives ............................................. 3
Human Resource Management MG 401 .................. 3
Business Policies/GB 450 ...................................... 3
Marketing Research-MK 415 ................................ 3

6
3
3

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15

MARKETING CORE (12 hours)
Required for all Marketing Majors:
Principles of Marketing MK 301 .......................... 3
Intermediate Marketing Management MK 320 ........ 3
Marketing Research MK 415 ............................... 3
Advanced Marketing Management MK 425 ........... 3

MARKETING ELECTIVES (12 hours)
Choose any 4 of the following courses:
Principles of Salesmanship MM 101 .................... 3
Promotion Management MK 306 ......................... 3
Consumer Behavior MK 307 .............. 3
Sales Administration MK 421 ......................... 3
Independent Study MK 496 or Internship MK 493 .... 3
International Economics EC 317 ....................... 3

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Your marketing advisor will help you select the 12 hours of marketing electives and any other open electives you want to take to prepare yourself for a career in an area such as Sales, Advertising, Retailing, or Marketing Research. A program of marketing electives and open electives can be developed to best suit your individual goals. Consult your marketing advisor.

TWO YEARS PROGRAMS*
FASHION MERCHANDISING**

FRESHMAN YEAR:
English Composition E 101-102 ................................ 3
Intro to Business GB 101 ....................................... 3
Salesmanship MM 101 ........................................ 3
Clothing Construction MM 103 ............................ 3
Business Math/Machines OA 115 ......................... 3
Clothing and the Individual MM 107 .................... 3
Textiles MM 109 ................................................. 3
Elements of Management MM 105 .................... 3
Intro Financial Accounting AC 205 ................. 3
Mid-Mgmt. Practicum MM 100 ....................... 3
Elective .............................................................. 3

17
15

SOPHOMORE YEAR:
Consumer Marketing MM 201 ................................ 3
Fashion Analy. & Design MM 111 ...................... 3
Fund. of Speech Communication CM 111 ........... 3
Retail Buying MM 215 ................................ ....... 3
Mid-Mgmt. Practicum MM 100 ........................... 3
Report Writing MM 209 ..................................... 3
Principles of Retailing MM 202 ......................... 3
Principles of Advertising MM 203 .................... 3
Supervision of Personnel MM 205 .................... 3
Electives ......................................................... 5

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16

*Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.
**For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.

MARKETING—MID-MANAGEMENT*

FRESHMAN YEAR:
Intro to Business GB 101 ........................................ 3
Business Math/Machines OA 115 ......................... 3
Salesmanship MM 101 ........................................ 3
Intro Financial Accounting AC 205 .................... 3
Merchandise Analysis MM 102 ............................ 3
Mid-Mgmt. Practicum MM 100 ........................... 3
Elements of Management MM 105 .................... 3
Fund of Speech Communication CM 111 ........... 3
Elective .............................................................. 1

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15

SOPHOMORE YEAR:
Consumer Marketing MM 201 ................................ 3
Principles of Retailing MM 202 ......................... 3
Principles of Economics, Macro EC 201 ............. 3
Principles of Advertising MM 203 .................... 3
Report Writing MM 209 ..................................... 3
Supervision of Personnel MM 206 .................... 3
Retail Buying MM 215 ................................ ....... 3
Credit and Collections MM 213 ....................... 3
Mid-Mgmt. Practicum MM 100 ....................... 3
Electives ......................................................... 3

16
16

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

MK MARKETING

COURSE OFFERINGS

SCHOOL OF BUSINESS

<table>
<thead>
<tr>
<th>COURSE OFFERINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 301 Principles of Marketing (3-0-3) (F/S). Marketing consists of identifying and interpreting wants and needs of people; selecting the particular wants and needs the organization will satisfy; determining the product, price, promotion, and place in a proper mix. Prerequisite: Junior standing.</td>
</tr>
<tr>
<td>MK 306 Promotion Management (3-0-3) (F/S). A comprehensive approach to creating and implementing advertising and promotional activities. New issues of consumer research are emphasized and integrated with the promotional mix. The economic and social criticisms of advertising are stressed to ensure that managers are aware of the ethical responsibilities inherent in the job. Prerequisite: MK 301.</td>
</tr>
<tr>
<td>MK 307 Consumer Behavior (3-0-3) (F/S). Theories of behavior related to purchase of goods or services are major areas of study. Individual as well as group reaction in social science research is evaluated. Prerequisite: MK 301.</td>
</tr>
<tr>
<td>MK 320 Intermediate Marketing Management (3-0-3) (F/S). Marketing principles and theories integrated with analytical and behavioral decision processes. Emphasis on problem and opportunity recognition, marketing strategies, planning and administering marketing programs. Consumer, industrial, institutional, and international markets considered. Prerequisite: MK 301.</td>
</tr>
<tr>
<td>MK 410 Marketing Research (3-0-3) (F/S). Theory and use of research for marketing decisions. Experience in formal research methodology by planning and conducting an actual research project. Prerequisites: GB 208, MK 301.</td>
</tr>
<tr>
<td>MK 421 Sales Administration (3-0-3) (F/S). Management and integration of sales organizations, emphasizing recruiting, selection, training, supervision, compensation of salesmen. Stress also placed on coordination with other functional managers, ethics and social responsibilities of the sales manager. Prerequisite: MK 301.</td>
</tr>
</tbody>
</table>

COURSE OFFERINGS

MM MARKETING, MID-MANAGEMENT

LOWER DIVISION

MM 100 Mid-Management Practicum (2-0-2) (F/S). For students enrolled in the mid-management program. Student may earn 2 semester hours credit for a maximum of four semesters. This provides actual experience in retail, wholesale, or service field as a paid employee. Student is evaluated by both the employer and the program coordinator.

MM 101 Salesmanship (3-0-3) (F/S). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishments. Analysis of customer behavior and motivation; methods of creating customer attention, interest, desire and action. Special emphasis is given to ethical sales techniques.

MM 102 Merchandise Analysis (3-0-3) (S). 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.

MM 103 Clothing Construction (1-6-3) (F/S). Clothing projects involving basic, intermediate and advanced techniques determined by student skills, abilities and interest. Emphasis on speed techniques and solution of individual fitting problems.

MM 105 Elements of Management (3-0-3) (F/S). Principles of management related to the functions of planning, organizing, staffing, directing, and controlling are major topics in the course. Production is not considered. For associate degree students only.

MM 107 Clothing and the Individual (2-0-3) (F/S). Social-psychological aspects of clothing selection, Design principles related to individual figure proportions, personality and need. Wardrobe planning, selection and care.


MM 111 Fashion Analysis and Design (2-0-2) (F). Historical aspects of costume and its effect on today’s fashion. Functional role of design, problems related to designing, contributions of designers, and career opportunities in field.

MM 201 Consumer Marketing (3-0-3) (F). (Previously Introduction to Marketing). The study of activities by which goods and services flow from producer to ultimate consumer. Includes methods, policies, and evaluation of the various marketing institutions according to the function performed.

MM 202 Principles of Retailing (3-0-3) (S). 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. Mid Management and Fashion Merchandising majors only.

MM 203 Principles of Advertising (3-0-3) (S). Objectives and policies of sales promotion, study of the media, and regulation of advertising. Coordination of display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display.

MM 205 Supervision of Personnel (3-0-3) (S). Major emphasis is given to the applied management functions of the first level supervisor. Individual and organizational needs are identified and discussed.

MM 209 Report Writing (3-0-3) (F). Prepares the student to write reports for business situations. Emphasis is placed on actual preparation of reports, research methods, and readability of the finished product. Mid Management and Fashion Merchandising majors only.

MM 213 Credit and Collections (2-0-2) (S). A survey of the credit field including history, types, credit information, and the function of the credit department. Ethical methods and procedures of collection are given significant treatment.

MM 215 Retail Buying (2-0-2) (F). Considers the buyer’s duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand. Mid Management and Fashion Merchandising majors only.

A computer terminal signifies the coming of the Communications age.
Student teaching affords a practical and rewarding experience for the teacher as well as the children.

SCHOOL OF EDUCATION

Dean: Richard L. Hart, Ed.D
Coordinator of Graduate Studies:
E. John Dahlberg, Ed.D.

PHILOSOPHY

The faculty of the School of Education represents diverse and dynamic backgrounds and serves students from an extended community reaching far beyond the boundaries of Idaho. The faculty addresses this extended community in varied functions both on and off campus. The work of the faculty reflects an active appreciation for development of the whole person and includes attention to the intellectual, physical, social and emotional needs of students. A key precept underlying all others is the promotion of learning as a lifelong activity.

Course work is offered in both professional and academic areas. The academic course work is designed to acquaint students with historical, philosophical, and theoretical aspects of Education and Psychology, and to help them appreciate and use scientific thinking as a tool for viewing human behavior in a more sophisticated and effective manner. Professional course work and experiences are directed primarily toward the mastery of skills needed by teachers in the elementary and secondary schools.

COORDINATION OF PROGRAMS IN TEACHER EDUCATION

Teacher Education programs at Boise State University are interdisciplinary in nature; hence, coordination of programs is essential. The development and operation of individual programs is the specific responsibility of the appropriate department with the School of Education serving as the overall controlling organization. Within this pattern of administration the Council for Coordination of Teacher Education Programs has the following functions: (1) to coordinate programs involving two or more departments; (2) to review proposals, policies, and procedures involving two or more departments, and to make recommendations for action; and (3) to consider procedures for follow-up of graduates and to assess needs for Teacher Education. Membership for the Council comes from the departments associated with the Teacher Education program.

COUNSELING AND TESTING SERVICES

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

Any half-time (6 credits or more) or full-time student is eligible for counseling or testing. Appointments may be made by phone, extension 1601, or in person at the Counseling and Testing Center, 6th floor, Education Building.
The Department of Health, Physical Education and Recreation offers a major in Physical Education with specialized options in Secondary Physical Education, Elementary Physical Education, Athletic Coaching, and Athletic Training. Students who complete the major program in one of the options are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho. Physical Education minors are offered in Elementary Physical Education, Athletic Coaching, and Health Education.

FACILITIES
The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural and club sports programs offered by the Department and the Recreation programs offered by the Student Union games area.

ELECTIVE PHYSICAL EDUCATION ACTIVITY PROGRAM
The Elective Physical Education program at Boise State University has been designed with the needs of the student in mind. Emphasis is placed on instruction to meet the following objectives:

1. To develop the physiological capacities that comprise the biological bases for fitness.
2. To improve skills in basic body mechanics, team and individual sports, and in rhythmic and creative activities.
3. To develop an understanding of self through movement experiences.
4. To acquire knowledge and understanding of the rules, courtesies, customs, strategies, and techniques of several sports.
5. To improve social competency and emotional stability through participation in sports activities.

The elective program includes beginning, intermediate and advanced level activities. No courses may be repeated for credit (exception, Adaptive Physical Education, PE 108).

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

ELECTIVE ACTIVITIES ARE:
- Dance:
  - International Folk Dance*
  - Modern Dance*
  - Recreational Dance*
  - Social Dance
- Fitness Activities:
  - Adaptive Physical Education
  - Fitness Activities
  - Jogging
  - Weight Training
  - Yoga
- Individual Sports:
  - Archery*
  - Badminton*
  - Billiards
  - Bowling*
  - Fencing*
  - Golf*
  - Racquetball
  - Skiing
  - Tennis*
- Martial Arts:
  - Defensive Tactics
  - Judo*
  - Karate*
  - Self Defense*
- Outdoor Recreational Activities:
  - Backpacking and Camping
  - Fly Casting and Fly Tying
  - Target & Trap Shooting
  - Bicycle Touring
  - Cross Country Skiing
  - Alpine Skiing
  - Ice Skating
- Team Sports:
  - Basketball*
  - Field Hockey*
  - Flag Football
  - Rugby
  - Soccer*
  - Softball
  - Team Handball
  - Track and Field
  - Volleyball*
- Water Activities:
  - Kayaking
  - Advanced Life Saving
  - Skin and Scuba Diving
  - Spring Board Diving
  - Swimming*
  - Water Polo
  - Water Safety Instruction

*More than one level of instruction is offered in this activity.

PHYSICAL EDUCATION MAJOR
Bachelor of Science Degree
A student must complete the following requirements to receive a Baccalaureate degree in Secondary Physical Education:

1. The general University requirements for the Bachelor of Science degree as listed in the BSU Catalog (page 91) with specific requirements in Areas I, II and/or III as determined by the Physical Education Department.
2. The general graduation requirements of the School of Education and the certification requirements of the State Department of Education as listed in the BSU Catalog (page 101).
3. The requirements of the Physical Education Department:
   (a) 27 credit core requirement.
   (b) All other required courses listed in the option of the student’s choice.

PHYSICAL EDUCATION CORE REQUIREMENTS
(Required of all Physical Education majors)
- Health Education PE 100: Required
- Intro to Physical Education PE 101: Required
- First Aid PE 105: Required
- Basic Movement PE 113: Required
- Gymnastics PE 115: Required
- Field Sports PE 117: Required
- Conditioning Procedures for sports PE 313: Required
- Principles of Physical Education PE 202: Required
- Anatomical Kinesiology PE 230: Required
- Methods for Teaching Physical Education PE 304: Required
- Evaluation in Physical Education PE 309: Required
- Physiological Kinesiology PE 310: Required
- Psychology of Activity PE 401: Required
- Organization and Administration of Physical Education PE 457: Required

Gymnastics*
Racquetball
Skiing
Tennis*
Wrestling*
Defensive Tactics
Judo*
Karate*
Self Defense*
Outdoor Recreational Activities:
- Backpacking and Camping
- Fly Casting and Fly Tying
- Target & Trap Shooting
- Bicycle Touring
- Cross Country Skiing
- Alpine Skiing
- Ice Skating
Team Sports:
- Basketball*
- Field Hockey*
- Flag Football
- Rugby
- Soccer*
- Softball
- Team Handball
- Track and Field
- Volleyball*
Water Activities:
- Kayaking
- Advanced Life Saving
- Skin and Scuba Diving
- Spring Board Diving
- Swimming*
- Water Polo
- Water Safety Instruction

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### GENERAL UNIVERSITY REQUIREMENTS

- English Composition E 101-102 (3-6 credits)
- Electives (Area I) (12 credits)
- General Psychology (Area II) P 101 (3 credits)
- Speech Communication for Teachers CM 311 (3 credits)
- Electives (Area II) (9 credits)
- Essentials of Chemistry (Area III) C 107, 108, 110 (9 credits)
- Human Anatomy & Physiology (Area III) Z 111-112 (8 credits)
- Electives (Area II, III) (4 credits)

### PHYSICAL EDUCATION MAJOR REQUIREMENTS

- Physical Education Core (27 credits)
- Nutrition H 207 (3 credits)
- Additional Physical Education Courses
  - Required: PE 236, 305, 311, 402, 451
  - PE 493 (6 credits), Coaching Methods (4 credits) (24 credits)

### TEACHER EDUCATION REQUIREMENTS

- P 312 (3 credits)
- Additional Electives (6 credits)

### SECONDARY PHYSICAL EDUCATION OPTION

- General Psychology (Area II) P 101 (3 credits)
- Speech Communication For Teachers CM 311 (3 credits)
- Electives (Area II) (9 credits)
- Essentials of Chemistry (Area III) C 107, 108, 110 (9 credits)
- Human Anatomy & Physiology (Area III) Z 111-112 (8 credits)
- Electives (Area II, III) (4 credits)

### PHYSICAL EDUCATION MAJOR REQUIREMENTS

- Physical Education Core (27 credits)
- Nutrition H 207 (3 credits)
- Additional Physical Education Courses
  - Required: PE 143, 212, 214, 217, 228, 241, 311
  - PE 361, 451, Coaching Methods (2 credits) (16 credits)

### TEACHER EDUCATION REQUIREMENTS

- P 312 (3 credits)
- Additional Electives (11 credits)

### ATHLETIC COACHING OPTION

- General University Requirements
  - English Composition E 101-102 (3-6 credits)
  - Electives (Area I) (12 credits)
  - General Psychology (Area II) P 101 (3 credits)
  - Speech Communication for Teachers CM 311 (3 credits)
  - Electives (Area II) (9 credits)
  - Essentials of Chemistry (Area III) C 107, 108 (4 credits)
  - Human Anatomy & Physiology (Area III) Z 107 (4 credits)
  - Electives Areas III (4 credits)
  - Electives (Area II, III) (9 credits)

- Physical Education Major Requirements
  - Physical Education Core (26 credits)
  - Nutrition H 207 (3 credits)
  - Additional Physical Education Courses
    - Required: PE 143, 212, 217, 228, 311, 430
    - PE 493 Coaching Methods (4 credits) (15 credits)

- Teacher Education Requirements
  - P 312 (3 credits)

- Second Teaching Field
  - Department Certification Requirements
    - In Minor Field to be satisfied (20 credits)
  - 128 credits in total

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### ELEMENTARY PHYSICAL EDUCATION OPTION

- General University Requirements
  - English Composition E 101-102 (3-6 credits)
  - Area I (12 credits)
  - Music Fundamentals MU 101 (2 credits)
  - General Psychology (Area II) P 101 (3 credits)
  - Child Psychology P 311 (3 credits)
  - Speech Communication for Teachers CM 311 (3 credits)
  - Electives (Area II) (9 credits)
  - Essentials of Chemistry (Area III) C 107, 108, 109, 110 (9 credits)
  - Human Anatomy & Physiology Z 107 (8 credits)
  - Electives Area III (4 credits)
  - Electives (Area II, III) (9 credits)

- Physical Education Major Requirements
  - Physical Education Core (27 credits)
  - Nutrition H 207 (3 credits)
  - Additional Physical Education Courses
    - Required: PE 143, 212, 357, 361, 365, 451
    - PE 493 (3 credits) (14 credits)
    - PE Electives (4 credits)

- Teachers Education Requirements
  - TE 291, 461, P 312 (2 credits)
  - Additional Electives (13 credits)
  - 128 credits in total

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### ATHLETIC COACHING MINOR

- Refer to page 104 for complete information

### ELEMENTARY PHYSICAL EDUCATION MINOR

- First Aid PE 105 (2 credits)
- Gymnastics PE 115 (1 credit)
- Field Sports PE 117 (1 credit)
- Basketball & Volleyball PE 143 (1 credit)
- Track and Field PE 212 (1 credit)
- *Anatomical Kinesiology PE 230 (2 credits)
- *Physiological Kinesiology PE 310 (2 credits)
- Dance for Children PE 357 (2 credits)
- Elementary School Physical Education Methods PE 361 (3 credits)
- Perceptual Motor Programs for Kindergarten & Special Education Teachers PE 369 (2 credits)
- Adaptive & Corrective Physical PE 451 (2 credits)
- Internship PE 493 (3 credits)
- 22 credits

### HEALTH EDUCATION MINOR

- Health Education PE 100 (3 credits)
- First Aid PE 105 (2 credits)
- Conditioning Procedures for sports PE 313 (1 credit)
- Intro to Athletic Injuries PE 228 (2 credits)
- *Anatomical Kinesiology PE 230 (2 credits)
- *Physiological Kinesiology PE 310 (2 credits)
- Psychology of Activity PE 401 (3 credits)
- Coaching - Nature of the Profession PE 430 (2 credits)
- Coaching Methods (4 credits)
- Internship PE 493 (3 credits)
- 22 credits

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Additional Electives will be chosen from the following courses:

- Drugs - Use and Abuse H 109 (2 credits)
- Man and the Environment B 200, C 107, 108 (3 credits)
- Intro to Disease Conditions H 203 (3 credits)
- Chronic Illness: Impact & Outcome H 205 (3 credits)

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### SCHOOL OF EDUCATION

Abnormal Psychology P 301 ........................................... 3  
Health Delivery Systems H 302 .................................... 3  
* Prerequisite: Z 107 Concepts of Human Anatomy

**ELEMENTARY PHYSICAL EDUCATION AND COACHING OPTION**  
(Suggested Program)

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Psychology P 101</td>
<td>3</td>
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</tr>
<tr>
<td>Chemistry C 103, 107, 108</td>
<td>3</td>
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<tr>
<td>Human Anatomy &amp; Physiology Z 107</td>
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<tr>
<td>Intro to Physical Education PE 101</td>
<td>1</td>
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<tr>
<td>Health Education PE 100</td>
<td>3</td>
<td>3</td>
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<tr>
<td>First Aid PE 105</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Electives (Area I)</td>
<td>3</td>
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<td>Other Electives</td>
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<td><strong>Total Credits</strong></td>
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**SOPHOMORE YEAR:**

<table>
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<tr>
<th>Course Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Electives (Area I)</td>
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<tr>
<td>Electives (Area II)</td>
<td>3</td>
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<tr>
<td>Anatomical Kinesiology PE 230</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Athletic Injuries PE 228</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Principles of Physical Education PE 202</td>
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<tr>
<td>Foundations of Education TE 201</td>
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<td>3</td>
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<tr>
<td>Professional Activities PE 217, 212</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Teaching Minor</td>
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<td>3</td>
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<tr>
<td><strong>Total Credits</strong></td>
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<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**SECONDARY PHYSICAL EDUCATION AND ATHLETIC TRAINING OPTION**  
(Suggested Program)

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
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<tr>
<td>Chemistry C 103, 107, 108, 109, 110</td>
<td>4</td>
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</tr>
<tr>
<td>Human Anatomy Z 111, 112</td>
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<tr>
<td>Intro to Physical Education PE 101</td>
<td>1</td>
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<tr>
<td>Health Education PE 100</td>
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<td>Professional Activities PE 113, 115, 117, 143</td>
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<td><strong>Total Credits</strong></td>
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**SOPHOMORE YEAR:**

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<th>Course Description</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Electives (Area I)</td>
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<tr>
<td>General Psychology P 101</td>
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<tr>
<td>Anatomical Kinesiology PE 230</td>
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</tr>
<tr>
<td>Intro to Athletic Injuries PE 228</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Physical Education PE 202</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Professional Activities PE 217, 218 or 212</td>
<td>1</td>
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<tr>
<td><strong>Total Credits</strong></td>
<td><strong>14</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

### COURSE OFFERINGS

**PE PHYSICAL EDUCATION**

#### LOWER DIVISION

**PE 100 Health Education (3-0-3).** Covers nutrition, diseases, health needs, services, drugs, family living and personality structure and development. Aids student adjustment toward effective functioning in a changing environment. Required of all PE majors.

**PE 101 Introduction to Physical Education (1-0-1)(F).** Orientation for an understanding of what is involved in the profession: duties of physical educators; professional preparation, services rendered, employment opportunities and certification requirements. Required of all PE majors.

**PE 102 Beginning Kayaking (0-2-1).** Covers safe handling, self rescue skills and helping or rescuing others. Basic skills of kayaking. Students must be able to maintain themselves in deep water fully clothed, for 10 minutes.

**PE 103 Introduction to Recreation (2-0-2).** Designed to acquaint the student with the growth and development of community recreation and its role in present day society.

**PE 104 Target and Trap Shooting (0-2-1).** Fundamental skills of air rifle and shotgun shooting. Sightseeing procedures, gun parts, care of equipment and safety are stressed. Shotgun trap loading is also taught. Students will furnish shotgun, shells and trap range fees.

**PE 105 First Aid (2-0-2).** Immediate and temporary care for a wide variety of injuries and illnesses; control of bleeding, care of poisoning, and proper methods of transportation, splinting and bandaging. Successful completion of course leads to Red Cross standard certificate. Required of all PE majors.

**PE 106 Adapтив Physical Education (0-2-1).** Adaptive and corrective exercise programs to aid men or women who are unable to participate in a regular activity class. Course may correct or rehabilitate the physical problem and provide credit the student may not get in the regular program. The course may be repeated for credit.

**PE 109 Beginning Swimming (0-2-1).** Instruction and individual participation in beginning pool swimming. The student will be tested and placed into a level suitable to his/her capabilities as to age and condition. Designed to develop and maintain the cardio-respiratory system.

**PE 110 Team Handball (0-2-1).** Participation in the sport of team handball. Emphasis is placed on the natural skills of running, jumping, throwing and catching. Basic offensive and defensive strategy and rules of the game will be taught.

**PE 112 Beginning Billiards (0-2-1).** For the beginning pocket billiards player. Instruction in fundamental skills; cue selection, grip, stroke, bridge rules, position play and strategy. Class fee approximately $10.

**PE 113 Dance (0-2-1).** Professional activities. Instruction and practice in dance. Required of all PE majors.

**PE 115 Gymnastics (0-2-1).** Professional activities. Instruction and practice in gymnastics. Required in some options.

**PE 117 Field Sports (0-2-1).** Professional activities. Instruction and practice in fiel sports. Required in some options.

**PE 118 Personal Fitness and Weight Control (0-2-1)(F/S).** Introduction to the essential components of total fitness with prescribed fitness programs for individual needs.

**PE 119 Beginning Aerobics Dance (0-2-1)(F/S).** Participation in aerobic dance for the development of cardiovascular and neuromuscular fitness.

**PE 121 Beginning Rockcquest (0-2-1).** Participation will emphasize technique and rules of rockclimbing with emphasis on safety procedures.

**PE 123 Bicycle Touring (0-2-1).** Proper techniques of bicycle touring. Bicycle anatomy, safety, care and maintenance, and riding techniques for fitness and skill are taught. Students must furnish bicycle.

**PE 125 Beginning Ice Skating (0-2-1)(F/S).** Participation in ice skating for development of basic skills. Class fee.

**PE 127 Beginning weight Training (0-2-1)(F/S).** Men. Participation in progressive body-building and conditioning exercises with resistance for development of beginning skills and fitness.

**PE 129 Beginning Power Lifting (0-2-1)(F/S).** Women. Participation in beginning lifting for the development of muscular strength.

**PE 131 Beginning Snippetboard Diving (0-2-1).** For the beginning diver. Basic dive movement, body alignment, and dive safety. Students must be able to swim 50 yards.

**PE 132 Skin and Scuba Diving (0-2-1).** Beginning skin and scuba diving skills. Proper use of mask, fins and snorkel, mechanical use of equipment, safety techniques and panic control are stressed. Student must swim 400 yards crawl stroke in 12 minutes, and be able to carry a 10 lb. weight 25 yards. Fee approximately $35.

**PE 133 Beginning Massage Therapy (0-2-1).** Opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Improvement of flexibility, balance, coordination and relaxation by using modern dance techniques and movement exploration.

**PE 134 Beginning Backpacking and Camping (0-2-1).** Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, camping sites, basic outdoor cooking skills, and ecology in the outdoors. Students will furnish equipment and transportation.

**PE 135 Beginning Karate (0-2-1).** Presentation of techniques based on the theory of energy conservation. Exercises coordinating the mental and physical powers possessed by every human being. Students will furnish Gi.

**PE 136 Flying and Stream Strategy (0-2-1).** Techniques of fly fishing, including single and double haul methods. Presentation of insect, minnow, and terrestrial imitations. Techniques of catching and releasing of warm water, cold water, and anadromous fishes. Students provide equipment and transportation.

**PE 137 Beginning Resistance Exercise for Women (0-2-1)(F/S). Participation in resistance exercises for the development of individual fitness.

**PE 143 Basketball and Volleyball (3-0-3).** Professional activities. Instruction and practice in basketball and volleyball. Required in some options.

**PE 150 Beginning Swimming (0-2-1).** Basic water safety, skills and knowledge; floating, bobbing, diving rhythmic breathing, treading water, and introduction to the crawl side and elementary backstroke. For students who do not know how to swim.

**PE 152 Beginning Yoga (0-2-1).** Gentle yoga exercises of stretching and controlled breathing to promote good health and relief from tension. Emphasis on flexibility, balance, relaxation, meditation, and integration of body and mind.

**PE 159 Beginning Badminton (0-2-1).** Basic skills in badminton to encourage skill development of basic skills. Lab fee.

**PE 161 Beginning Indoor Tennis (0-2-1).** Participation in beginning level tennis for development of fundamental skills, rules, and basic team strategy.

**PE 162 Beginning Billiards (0-2-1).** Participation in beginning level billiards for development of fundamental skills, rules, and basic team strategy.

**PE 163 Beginning Field Hockey (0-2-1).** Participation in field hockey for development of fundamental skills, rules, and basic team strategy.

**PE 164 Beginning Basketball (0-2-1).** Women only. Participation in basketball for development of fundamental skills, rules, and basic team strategy.

**PE 165 Beginning Tennis (0-2-1).** Participation in tennis for development of fundamental skills, rules, and basic strategy.
PE 127 Beginning Softball (0-2-1). Participation in softball for development of fundamental skills, rules, and basic team strategy.

PE 128 Beginning Soccer (0-2-1). Men only. Participation in soccer for development of fundamental skills, rules, and basic team strategy.


PE 130 Rugby (0-2-1). Men only. Participation in rugby for development of fundamental skills, rules, and basic team strategy.

PE 131 Beginning Archery (0-2-1). Provides the beginning archer student with fundamental techniques of archery; large bow and target, field clout, novelty, etc.

PE 132 Beginning Golf (0-2-1). Participation in golf for development of fundamental skills, rules and proper etiquette of the game. Green fees approximately $10.

PE 133 Beginning Handball (0-2-1). Participation in handball for development of fundamental skills, rules, and basic strategy.

PE 134 Recreational Dance (0-2-1). Fundamentals of dance including: social (pitter-pat, disco, polka, waltz, cha-cha and others) folk, square, round dances and mixers.

PE 135 Social Dancing (0-2-1). Basic techniques of social dance, including waltz, cha-cha, foxtrot, tango, lindy, and various novelty dances.

PE 136 Intermediate Folk Dacing (0-2-1). Techniques and application of basic steps and patterns used in folk dances from different countries.

PE 137 Beginning Bowling (0-2-1). Participation in bowling for development of fundamental skills, rules, handicaps and scorekeeping. Approximate $10 fee.

PE 138 Advanced Skikweek (0-2-1). Winter skiing skills and techniques of alpine skiing. Students furnish equipment, transportation, and fee for instruction.

PE 139 Defensive Tactics (0-2-1). Defense against one or more persons, arrest, control devices and individual and group tactics. Students furnish Gi. For criminality majors only.

PE 140 Flag Football (0-2-1), (F). Men only. Participation in flag football for development of fundamental skills, rules and basic team strategy.

PE 141 Cross Country Skiing (0-2-1). Basic skills and techniques of cross-country skiing. Students furnish equipment, transportation, and fee for instruction.


PE 143 Advanced Weight Training for Competitive Athletes (0-2-1) (F/S). Varsity athletes only. Participation in weight training programs specific to be selected sports.

PE 144 Intermediate Bowling (0-2-1). Participation in bowling for development of intermediate skills. Pre-requisite: PE 190.

PE 145 Beginning Gymnastics (0-2-1). Men only. Participation in gymnastics for development of fundamental skills and spotting and safety techniques.


PE 147 Advanced Judo (0-2-1). Continuation of principles and philosophy of judo for seeking advanced degrees. Students furnish Gi. Pre-requisite: PE 175.

PE 148 Track and Field (0-2-1). Professional activities. Participation in track and field for development of basic skills and techniques. Required in some options.

PE 149 Wrestling (0-2-1). Professional activities. Participation in wrestling for development of basic skills and techniques. Required in some options.

PE 150 Rhythmic Gymnastics (0-2-1). Professional activities. Participation in rhythmic gymnastics for development of basic skills and techniques. Required in some options.

PE 151 Intermediate Springboard Diving (0-2-1) (S). Intermediate dive movements, proper alignment and diving safety Must be able to swim 50 yards. Pre-requisite: PE 131.

PE 152 Intermediate Racquetball (0-2-1). Participation in racquetball for development of intermediate skills. Pre-requisite: PE 124.

PE 153 Golf (0-2-1). Professional activities. Participation in golf for development of basic skills and techniques. Required in some options.

PE 154 Intermediate Ice Skating (0-2-1) (F/S). Participation in ice skating for development of intermediate skills. Lab fee. Pre-requisite: PE 126.


PE 156 Anatomical Kinesiology (2-0-2). Structure and motion capabilities of the human musculoskeletal system, analysis of movement, muscular forces and surface anatomy. Sophomore standing. Pre-requisite: C 286 or Z 112.

PE 157 Advanced Modern Dance (0-2-1). Participation in advanced modern dance for development of flexibility, balance, coordination and movement control leading to dance choreography and production work. Pre-requisite: PE 133.

PE 158 Advanced Karate (0-2-1). Participation in advanced karate for development of advanced skills and techniques. Students furnish Gi. Pre-requisite: PE 135.

PE 159 Introduction to Athletic Injuries (2-0-2) (F/S). Introduction to athletic training, care, prevention and rehabilitation. The role of the athletic trainer, qualification and responsibilities as they relate to physical education and athletics; control and care of injuries. Pre-requisite: PE 230.
SCHOOL OF EDUCATION


PE 369 Perceptual Motor Programs for Kindergarten and Special Education Teachers (2-0-2) (F/S). Provides a skill background related to motor growth and development, identification, assessment, prescription, materials and instructional techniques for implementing individualized programs based on student needs. Prerequisite: PE 381.


PE 402 Athletic Training and Sports Medicine (3-0-3). Advanced theory and techniques of athletic training for professional athletic trainers. Prerequisite: PE 228, 310.

PE 430 Coaching—Nature of the Profession (2-0-2) (F/S). Nature of the coaching profession with emphasis on the functions of the coach in the interscholastic athletic program. Prerequisite: PE 304.


PE 457 Organization and administration of Physical Education (3-0-3). Organization and administration of public school physical education, health education and sports programs. Prerequisite: PE 304.

PE 471 Techniques of Coaching Volleyball (2-0-2). Preparation in team organization, team strategy. Prerequisite: PE 143.

PE 473 Internship in Physical Education (9-6-1 to 6). Practical field experience in physical education related areas. Practical experience utilizing theory and practice of the assigned activity in a school setting. Required in some options. Coaching methods class (PE 200, 310).

DEPARTMENT OF PSYCHOLOGY

Education Bldg., Rm 629 Phone 208/385-1207

Chairman and Professor: Phillips; Professors: Barsness, Callao, Dodson, Ison, Smith, Snow, Thurber, Torbet; Associate Professors: Brownsmith, Downs, Nelson, Steger, Wilkinson; Assistant Professor: Chastain; Emeritus: Bronson.

The School of Education, through its Department of Psychology, confers a baccalaureate degree in psychology. Because of the core requirements for all candidates, it is regarded as a degree in general psychology; but considerable latitude is allowed within the framework set by those requirements, as at least twelve hours of each student's coursework in psychology are "electives." The student should be aware, however, that even the elective courses function as parts of a total program designed to produce a graduate with a strong background in basic psychology, and he should not regard successful completion of that program as a preparation to perform psychological services. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology, or in some related field.

Any student who is planning a career in counseling in the schools should major either in Elementary Education or in some subject matter area that includes a Secondary Education Option. Psychology courses often are explicitly prescribed parts of such programs; additional courses may be taken as electives. Every Psychology major must sit for the graduate record examination (Both "Aptitude" and "Advanced") at some time during his senior year and have the results sent to the department.

PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science Degree

I. Lower Division

<table>
<thead>
<tr>
<th>Area</th>
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<tbody>
<tr>
<td>A. Psychology (see Area II below)</td>
<td>15-18</td>
</tr>
<tr>
<td>B. Upper Division Electives</td>
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II. Upper Division

<table>
<thead>
<tr>
<th>Area</th>
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<tr>
<td>A. Psychology</td>
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<tr>
<td>1. Statistical Methods P-305</td>
<td>4</td>
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<tr>
<td>2. Experimental Psychology P-321</td>
<td>4</td>
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<tr>
<td>3. Psychological Measurement P-421</td>
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<td>4. Learning P-441</td>
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<tr>
<td>5. Systems Seminar</td>
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<tr>
<td>6. Electives in Psychology</td>
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<tr>
<td>B. Upper Division Electives</td>
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</tbody>
</table>

III. Free Electives | 27-30 |

*pending approval.

PSYCHOLOGY MINORS

Psychology Social Science Curriculum Minor

(A phase of the Social Science Secondary Education Options in Economics, History, Political Science, and Sociology)

Psychology requirements:

- P-101 General Psychology . . . 3
- P-301 Abnormal Psychology . . . . 3
- P-351 Personality . . . . 3
- Psychology upper division electives . . . . 6

Total 15

Certification Requirement

6 hours of U.S. History . . . . 6

Total 21

Psychology—Minor Certification Endorsement

- P-101 General Psychology . . . 3
- P-301 Abnormal Psychology . . . . 3
- P-351 Personality . . . . 3
- Psychology upper division electives . . . . 9

Total 21

PSYCHOLOGY MAJOR

(Suggested Program)

<table>
<thead>
<tr>
<th>Area</th>
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<tr>
<td>English Composition E 101-102*</td>
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<tr>
<td>Area II*</td>
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<tr>
<td>Concepts of Biology, B-100*</td>
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</tr>
<tr>
<td>Concepts of Human Anat. &amp; Physiol., Z-107*</td>
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FRESHMAN YEAR:

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<tbody>
<tr>
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<tr>
<td>Concepts of Biology, B-100*</td>
<td>4</td>
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<tr>
<td>Concepts of Human Anat. &amp; Physiol., Z-107*</td>
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</table>
History of Western Civ., H-101 and H-102... 3 3
General Psychology, P-101*.... 3 3
Electives........................................ 16 16

**SOPHOMORE YEAR:**

**Literature**.............................. 3 3
Intermediate Algebra, M-108*......... 4
Applied Statistics for the Computer, M-120* 4
Physical and Cultural Anthropology, AN-101-102 3 3
Physiological Psychology, P-225*..... 3 3
Intro. to Prac. of Psychology, P-201* 3 3
Core Electives**.......................... 3 3

JUNIOR YEAR:

Statistical Methods, P-305*........ 3 3
Experimental Psychology, P-321*... 3 3
Child Psychology, P-311............. 3 3
Abnormal Psychology, P-301.... 3
Personality, P-351*....................... 3 3
Social Psychology, P-431........... 3
General Electives. .................. 4 10

**SENIOR YEAR:**

Psychological Measurement, P-421*.. 3 3
Learning, P-441*..................... 3 3
Systems Seminar, P-489*............ 3 3
Abnormal Psychology, P-301.... 3 3
Personality, P-351*.................. 3 3
Social Psychology, P-431........... 3 3
General Electives. .................. 16 16

*Specifically required
**Select from list of courses approved for The Core.

**COURSE OFFERINGS**

**LOWER DIVISION**

P 101 General Psychology (3-0-3) (AREA II). An introductory course in psychology and a prerequisite to most other psychology courses. Empirical findings are major concerns in the treatment of such topics as perception, learning, language, intelligence, personality, social interactions, and behavioral problems. An overview of scientific methodology is provided. Prerequisite: P 101.

P 151 Career and Life Planning (3-0-3) (FS). Three weeks to each of the following areas: keeping self, the world of work, identifying resources, actual career planning and proposed implementation of career and life plans. Students are expected to participate through interviews, visitations, personal and group activities. Pass/fail. Limited enrollment. Cannot be used for Area II.

P 161 Assertiveness Training (3-0-3). This course is designed to improve the communication skills of those who are experiencing difficulty in expressing their feelings and opinions openly, honestly, and constructively to others. Group techniques will include training films, behavioral rehearsals, and role-playing. Pass/fail. Limited enrollment. Cannot be used to meet Area II requirements.

P 201 Intro to Practice of Psychology (3-0-3) (S). An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lecture and discussions, with psychologists who are employed in a wide variety of specific occupations. Designed for psychology majors but others accepted if they have completed the introductory course. Prerequisite: P 101.

P 225 Physiological Psychology (3-0-3) (F). A survey of classical and current problems, with emphasis on central and peripheral nervous systems in the processing of information and organization of behavior. Perception, motivation, emotion, and learning are studied from this point of view. Prerequisite: P 101, Z 107.

P 281 Human Sexuality (3-0-3) (FS). An overview of human sexuality emphasizing both physiological and psychological aspects of sexuality. Topics include sexual anatomy and physiology, sexual response cycle, childbirth, contraception, sexual dysfunctions, sex role development, and sexual deviation. Cross cultural values will be examined, and a values clarification unit will be included.

P 291 Death: A Confrontation for Everyone (3-0-3) (F/S). A multifaceted course dealing with the subject of death and dying, its historical and social ramifications, and present impact on the nature of living.

**UPPER DIVISION**

(Note: Upper Division Psychology courses are saved for Upper Division students.)

P 301 Abnormal Psychology (3-0-3). 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: P 101.

P 305 Statistical Methods (3-0-3) (FS). 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 analysis of variance. Prerequisite: P 101, M 108, 120.

P 311 Child Psychology (3-0-3). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Prerequisite: P 101.

P 312 Adolescent Psychology (3-0-3). Chronologically a continuation of child psychology P 311; the special conditions of adolescent growth and adjustment will be emphasized in the course. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Prerequisite: P 101.

P 321 Experimental Psychology (2-4-4) (FS). The application of scientific methodology to the study of behavior. Design of experiments, methods of analysis and interpretation of data, reporting of behavioral research. Prerequisite: P 305 and M 108, M 120.

P 325 Educational Psychology (3-0-3). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: P 101.

P 341 Perception (3-0-3) (S). A survey of the basic concepts in the psychology of perception. Present day research and findings from the human information processing approach are emphasized. Processes are stressed, although coverage of receptor structure and neural pathways is included. Prerequisite: P 101.

P 351 Personality (3-0-3) (F). A study of the major contemporary theories and concepts of personality, with special emphasis on psychoanalytic, humanistic and behavioral approaches. Prerequisite: P 101.

P 353 Psychoanalytic Psychology (3-0-3) (S). Human emotion and motivation from the points of view of Freudian theory and its derivatives. Suggested companion course—either earlier or late—P 351. Prerequisite: P 101. Alternate years.

P 357 Peer Counseling: The Helping Relationship (3-0-3) (F). This course will explore relevant dimensions of the helping relationship, especially the role of the helper. Emphasis will be on development of effective communications and fundamental counseling skills required for student participation in role-playing, audio and especially videotaping and group activities. Limited enrollment. Prerequisite: P 101.

P 363 Social Psychology of Sex Roles (3-0-3) (S). This course will examine sex roles in our own society. Attention will be given to the development of identity and roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy on cultural change. This course may be taken for psychology or sociology credit but not for both. Prerequisite: P 101 or SO 101 and Upper Division status.

P 401 Senior Review Practicum (3-0-3) (FS). A systematic coverage of the general principles of psychology and an opportunity to teach them to others. Practical experience in rendering academic assistance to beginning students and managing large classes. Seminar discussion of difficulties encountered by those students. Prerequisite: Senior or 2nd semester junior standing in psychology with an upper division GPA above 3.0 and PERM/INST.

P 405 Advanced Statistical Methods (3-0-3) (S). Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced analysis of variance (including repeated measure designs) and related trend tests, multiple comparison tests, and multiple correlation techniques. Preference to psychology majors who are planning to go on to graduate school. Prerequisite: P 305.

P 410 Psychological Measurement (3-0-3) (FS). An introduction to the theory and nature of psychological measurement together with a survey of types of psychological tests currently used. Prerequisite: P 101, M 108, 120 and P 305.

P 431 Social Psychology (3-0-3) (FS). The influence of social and cultural factors on individual behavior, perception, and attitudes—including the effects of groups on our members. This course may be taken for either psychology or sociology credit, but not both. Prerequisite: Z 101 and upper division standing.

P 435 Psychology of Motivation (3-0-3) (F/S). Survey of experimental and theoretical studies of motivation in humans and animals. Prerequisite: P 101, M 108, 120, P 305.

P 441 Learning (3-0-3) (F). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: conditioning, role learning, problem solving, memory, discrimination, and motor skills. Prerequisite: P 101, M 108, 120, P 305, P 321, may be taken before or concurrently with P 441.

P 489 Systems Seminar (3-0-3) (S). Theories and controversies in American Psychology. After a four-week historical orientation by the professor, the emphasis shifts to the present and more recent past, and the format shifts from lecture to seminar. Prerequisite: Senior standing in Psychology.

P 495 Senior Thesis (3-0-3) (F). An individual research project in psychology selected by the student. Proposal must be approved by instructor before enrollment. Recommended projects are those which will contribute to the body of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school. Prerequisite: P 101, M 108, 120, P 305, P 321, PERM/INST.

**GRADUATE**

(See graduate school section, page 137, for descriptions.)

P 501 Counseling and Consulting in the Elementary and Special Classroom (3-0-3) (FSU).

P 502 Advanced Educational Psychology (3-0-3). Offered on demand.

P 503 Individual Testing Practicum (3-0-3) (S).

P 504 Analysis of the Individual (3-0-3). Offered on demand.

P 505 Personality Development (3-0-3). Offered on demand.
DEPARTMENT OF TEACHER EDUCATION AND LIBRARY SCIENCE

Education Bldg., Rm. 205 Phone 208/385-3602

Chairman and Associate Professor: Lamont S. Lyons; Professors: Beita, Bieter, Bowman, Bullington, Dahlberg, Frederick, Friedli, Hart, Hill, Jensen, Kirtland, Lambert, Marks, Young; Associate Professors: Brownsmith, Edmundson, French, Hess, Sadler, Singh, Waite; Assistant Professors: Hoge, Munns, Swenson.

The Department of Teacher Education and Library Science at Boise State University exists to improve instruction and enhance learning. The faculty believes this can best be accomplished through emphasis upon the preparation of elementary and secondary school teachers, and the provision of advisory and substantive services to persons who have instructional responsibilities or who wish to improve their learning skills.

To realize this principle the faculty members exemplify instructional excellence, remain current in their fields, and contribute to the knowledge about instruction and learning.

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education and Library Science in the total preparation of elementary and secondary school teachers and librarians.

The Department of Teacher Education and Library Science is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of the Idaho State Board of Education. The Department has an institution-wide commitment to the preparation of teachers, a commitment that is implemented in close cooperation with the subject-matter departments.

As a foundation for high-quality professional work, prospective teachers are provided with a well-rounded general education in the Humanities and in the Social and Natural Sciences. Students also receive special preparation for the particular kind of educational work they plan to do.

MAJORS

Elementary:
- Bachelor of Arts in Bilingual/Multicultural Elementary Education
- Bachelor of Arts in Elementary Education
  Options: Specialties are available in Early Childhood Education Special Education, Library Science, and Reading.

Secondary: No secondary degrees are offered through the Department; students seeking secondary certification complete a Bachelor’s degree in a content area and take professional secondary option coursework in the Department of Teacher Education and Library Science.

Graduate: A variety of elementary and secondary Master’s programs are available through the Department. Check the Graduate School portion of the Catalog for details.

ADMISSION TO TEACHER EDUCATION

A. Students preparing to teach must apply for admission to Teacher Education. Normally, this is accomplished during the Sophomore year. This application will be secured and processed as part of the TE 201, Foundations of Education, course (required for certification).

Transfer students who have completed an equivalent course in Foundations of Education should contact the Coordinator of Field Services and apply for admission to Teacher Education.

100

Admission to Teacher Education must be completed prior to enrollment in TE 451/452, Elementary curriculum and methods, or TE 381, Secondary School Methods.

B. General requirements for admission to Teacher Education for elementary and secondary candidates shall be determined and implemented by the Department of Teacher Education and Library Science. These requirements include:

1. Filing of the Admission to Teacher Education, or its equivalent.
2. A minimum grade of C in TE 201, Foundations of Education, or its equivalent.
3. Prior to registration in secondary or elementary methods courses or in student teaching, students must demonstrate proficiency in written and oral English. This is normally determined while the students are enrolled in TE 201, Foundations of Education. Transfer students must make arrangements with the Coordinator of Field Services for exceptions to this procedure.

Specific procedures followed by the Department in judging English proficiency are available in the office of the Coordinator of Field Services.

4. Any deviations from the preceding policy must be approved by the Chairman of the Department of Teacher Education and Library Science.

C. Any student may be dismissed from a program leading to certification if he or she is found to be in violation of any offense which would be grounds for revocation or denial of an Idaho teaching certificate.

ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES

A. An application for a specific student teaching assignment must be filed with the Office of Field Services, Department of Teacher Education and Library Science, by the following deadlines:

1. February 15 of the Junior year for fall secondary student teachers and fall/spring elementary student teachers.
2. October 1 of the Senior year for spring secondary student teachers and spring/fall elementary student teachers.

Application forms may be picked up from the Office of the Coordinator of Field Services.

NOTE: Six weeks notice will be required prior to the beginning date of the student teaching assignment if a student wishes to withdraw from student teaching.

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

1. ELEMENTARY MAJOR
   a. Admission to Teacher Education.
   b. Recommendation by the faculty advisor or Department chairman.
   c. A cumulative grade point average of 2.50.
   d. Elementary Curriculum and Methods, TE 451, 452, taken concurrently with or prior to student teaching.
   e. Student teaching to be completed during 2 consecutive semesters.

NOTE: An Early Childhood course must be taken prior to or concurrently with Student Teaching in a Kindergarten Classroom.

f. Senior standing.

NOTE: Deviations from the above requirements must be approved by the chairman of the Department of Teacher Education and Library Science.

g. A student will not be allowed credit towards his/her major department requirements for any grade of "D" in upper division courses in his/her major department.

2. SECONDARY OPTIONS
   a. Admission to Teacher Education.
   b. Completion of an Early School Experience, either in a subject matter area or arranged through the TE 201, Foundations of Education instructor.
   c. Recommendation by the faculty advisor or the Department chairman.
**SCHOOL OF EDUCATION**

**ELEMENTARY EDUCATION MAJOR**

**Bachelor of Arts Degree**

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

**A. General University Requirements for BA Degree**

<table>
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<th>Requirement</th>
<th>Credits</th>
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<tr>
<td>1. English Composition E 101-102</td>
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<tr>
<td>2. Area I Requirements</td>
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</tr>
<tr>
<td>3. Area II Requirements</td>
<td>18</td>
</tr>
<tr>
<td>4. Area III Requirements</td>
<td>12</td>
</tr>
<tr>
<td>5. Professional Education Requirements</td>
<td>12</td>
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</table>

**B. Area I Requirements**

- Literature (to include American Literature E 271 or 272): 6 credits
- Second and Third Field Electives (see university core requirements): 6 credits

**C. Area II Requirements**

- U.S. History (HY 151 or 152 suggested): 3 credits
- Geography (GG 101): 3 credits
- Psychology (P 101): 3 credits
- Oral Communication (CM 311 suggested): 3 credits
- Area II Social Science Electives (See University core requirements): 6 credits

**D. Area III Requirements**

- See university core requirements

**E. Professional Education Requirements**

<table>
<thead>
<tr>
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<td>100 LEVEL</td>
<td>Early School Experience TE 171</td>
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<td>Mathematics for Elem. Teachers M 103-104</td>
<td>8</td>
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<tr>
<td></td>
<td>Music Fundamentals MU 101</td>
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<tr>
<td>200 LEVEL</td>
<td>Foundations of Education TE 201</td>
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<td>Teaching Beginning Reading K-3, TE 206</td>
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<td>Teacher Aide Practicum TE 271</td>
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<td></td>
<td>Senior Seminar Elementary Educ. TE 499</td>
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**4. 400 LEVEL**

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<td>c. Elementary School Media I TE 410</td>
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<td>d. Elementary School Media II TE 411</td>
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</tr>
<tr>
<td>e. Elementary Student Teaching TE 471</td>
<td>1</td>
</tr>
<tr>
<td>f. Elementary Student Teaching TE 472 OR Student Teaching in Special Educ. TE 473</td>
<td>5</td>
</tr>
<tr>
<td>g. Senior Seminar Elementary Educ. TE 499</td>
<td>2</td>
</tr>
<tr>
<td>h. Senior Seminar Elementary Educ. TE 499</td>
<td>2</td>
</tr>
</tbody>
</table>

**Suggested Program**

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEM.</td>
<td>English Composition E 101-102</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Concepts of Biology B 100</td>
<td>4</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Physical Science C 100, GO 100, PS 100 or PH 106</td>
<td>4</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Early School Experience TE 171</td>
<td>4</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>General Psychology (Area II) P 101</td>
<td>3</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Elem. Mathematics for Teachers M 103, 104</td>
<td>4</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Intro to Geography GG 101</td>
<td>2</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Music Fundamentals MU 101</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Electives (Area I)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEM.</td>
<td>Survey of American Literature E 271 or 272</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Foundations of Education TE 201</td>
<td>3</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>U.S. History HY 151, 152, 251, 252 or 252</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Teaching Beginning Reading K-3, TE 206</td>
<td>3</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Teacher Aide Practicum TE 271</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Education of the Exceptional Child TE 291</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives (Area II, III)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEM.</td>
<td>Reading in the Content Subjects TE 307</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Elem. School Art Methods AR 321</td>
<td>3</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>School Teacher MU 371</td>
<td>2</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Elementary School Physical Educ. PE 361</td>
<td>3</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Educational Psychology P 325</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Children's Literature LS 316</td>
<td>3</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Class in Oral Communication</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Electives (consider Elem. Specialty)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**SENIOR YEAR:**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEM.</td>
<td>Child Psychology P 311</td>
<td>3</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Elementary School Media I TE 410</td>
<td>1</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Elementary School Media II TE 411</td>
<td>1</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Elem. Curriculum &amp; Methods I TE 451</td>
<td>5</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Elem. Curriculum &amp; Methods II TE 452</td>
<td>5</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Elementary Student Teaching TE 471</td>
<td>1</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Elementary Student Teaching TE 472 OR Student Teaching in Special Educ. TE 473</td>
<td>5</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Senior Seminar Elementary Educ. TE 499</td>
<td>2</td>
</tr>
<tr>
<td>1ST SEM.</td>
<td>Senior Seminar Elementary Educ. TE 499</td>
<td>2</td>
</tr>
<tr>
<td>2ND SEM.</td>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**ELEMENTARY BILINGUAL/MULTICULTURAL MAJOR**

**Bachelor of Arts Degree**

**LANGUAGE COMPONENT**

**SPANISH**

- Required:
  - English Monolinguals: Elementary Spanish S 101, 102: 8 credits
  - Intermediate Spanish S 201, 202: 8 credits
  - Total: 16 credits

- Spanish/English Bilinguals: Spanish for the Native Speaker S 203: 4 credits
**SCHOOL OF EDUCATION**

**ALL STUDENTS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish Conversation &amp; Comp. S 303, 304</td>
<td>6</td>
</tr>
<tr>
<td>El Espanol Vernacular S 205</td>
<td>2</td>
</tr>
<tr>
<td>Panorama de la Tradicion Cultural</td>
<td></td>
</tr>
<tr>
<td>Mexicana/Americana S 378</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL LANGUAGE HOURS FOR ENGLISH</strong></td>
<td>11</td>
</tr>
<tr>
<td><strong>MONOLINGUALS</strong></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL LANGUAGE HOURS FOR BILINGUALS</strong></td>
<td>27</td>
</tr>
<tr>
<td>Elective:</td>
<td></td>
</tr>
<tr>
<td>Espanol Avanzado S 411</td>
<td>3</td>
</tr>
<tr>
<td><strong>NOTE:</strong></td>
<td></td>
</tr>
<tr>
<td>Placement into the proper course will be made on the basis of placement test results in consultation with the Foreign Language placement advisors. Credit for previous work may be gained through regular University challenge procedures.</td>
<td></td>
</tr>
</tbody>
</table>

**LINGUISTICS**

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Language Study LI 305</td>
<td>3</td>
</tr>
<tr>
<td>Applied Linguistics in English as a Second Language (ESL) LI 407</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL LANGUAGE COMPONENT — English</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Monolinguals</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Bilinguals</strong></td>
<td>27</td>
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</tbody>
</table>

**ENGLISH**

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>English Composition E 101, 102</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL LANGUAGE COMPONENT — English</strong></td>
<td>36</td>
</tr>
<tr>
<td><strong>Monolinguals</strong></td>
<td>39</td>
</tr>
<tr>
<td><strong>Bilinguals</strong></td>
<td>27</td>
</tr>
</tbody>
</table>

**MULTICULTURAL COMPONENT**

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of American Literature E 271 or 272</td>
<td>3</td>
</tr>
<tr>
<td>Mexican American Literature S 425</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Multi-Ethnic Studies SO 230</td>
<td>3</td>
</tr>
<tr>
<td>History of Minorities in the U.S. HY 261</td>
<td>3</td>
</tr>
<tr>
<td>Intercultural Communications CM 351</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Anthropology AN 102</td>
<td>3</td>
</tr>
<tr>
<td>One multicultural course to be selected from Anthropology, History, Political Science, Sociology, or Spanish offerings. <strong>NOTE:</strong> Check with advisor for acceptable course.</td>
<td>2</td>
</tr>
<tr>
<td><strong>REQUIRED MULTICULTURAL COMPONENT</strong></td>
<td>20</td>
</tr>
</tbody>
</table>

**SCIENCE COMPONENT**

**Required:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Mathematics for Elem. Teachers M 103, 104</td>
<td>8</td>
</tr>
<tr>
<td>Concepts of Biology B 100</td>
<td>4</td>
</tr>
<tr>
<td>Concepts of Chemistry C 100</td>
<td>4</td>
</tr>
<tr>
<td>Fundamentals of Geology GO 100</td>
<td>4</td>
</tr>
<tr>
<td>Foundations of Physical Science PS 100</td>
<td>4</td>
</tr>
<tr>
<td><strong>REQUIRED SCIENCE COMPONENT</strong></td>
<td>20</td>
</tr>
</tbody>
</table>

**PROFESSIONAL REQUIREMENTS**

**GENERAL EDUCATION:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary School Art Methods AR 321</td>
<td>3</td>
</tr>
<tr>
<td>Children’s Literature LS 316</td>
<td>3</td>
</tr>
<tr>
<td>Music Fundamentals MU 101</td>
<td>2</td>
</tr>
<tr>
<td>Public School Music MU 371</td>
<td>2</td>
</tr>
<tr>
<td>General Psychology P 101</td>
<td>3</td>
</tr>
<tr>
<td>Child Psychology P 311</td>
<td>3</td>
</tr>
<tr>
<td>Elementary School Physical Educ. PE 361</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL GENERAL EDUCATION</strong></td>
<td>19</td>
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</tbody>
</table>

**TEACHER EDUCATION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early School Experience TE 171</td>
<td>1</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Beginning Reading K-3</td>
<td>3</td>
</tr>
<tr>
<td>Teacher Aide Practicum TE 271</td>
<td>2</td>
</tr>
<tr>
<td>Reading in the Content Subjects TE 307</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Reading &amp; Language Arts in the Bilingual Classroom TE 453</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Content in the Bilingual Classroom TE 454</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Student Teaching in the Bilingual Classroom TE 474, 475</td>
<td>10</td>
</tr>
<tr>
<td>Conflict in the Educational System TE 498</td>
<td>2</td>
</tr>
<tr>
<td><strong>TOTAL TEACHER EDUCATION</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>TOTAL PROGRAM HOURS — ENGLISH Monolinguals</strong></td>
<td>128</td>
</tr>
<tr>
<td><strong>Bilinguals</strong></td>
<td>118</td>
</tr>
</tbody>
</table>

**NOTE:** Sufficient additional electives must be completed to meet the 128-hour graduation requirement.

**Suggested Program**

**FRESHMAN YEAR:**

- *Elementary Spanish S 101*                      | 4       |
- General Psychology P 101                        | 3       |
- English Composition E 101                       | 3       |
- Mathematics for Elem. Teachers M 103            | 4       |
- Music Fundamentals MU 101                       | 2       |
- **TOTAL**                                       | 16      |

**SOPHOMORE YEAR:**

- *Intermediate Spanish S 201*                    | 4       |
- Intro to Multi-Ethnic Studies SO 230            | 3       |
- Foundations of Physical Science PS 100          | 3       |
- Cultural Anthropology AN 102                    | 3       |
- Foundations of Education TE 201                 | 3       |
- *Intermediate Spanish S 202 OR*                 | 4       |
- Spanish for Native Speakers S 203               | 3       |
- Survey of American Literature E 271-272         | 3       |
- History of Minorities in U.S. HY 261            | 3       |
- Teacher Aide Practicum TE 271                   | 2       |
- El Espanol Vernacular S 205                     | 2       |
- Fundamentals of Geology OR                     | 4       |
- Concepts of Chemistry                           | 3       |
- **TOTAL**                                       | 17      |

**JUNIOR YEAR:**

- Spanish Conversation & Composition S 303        | 3       |
- Intro to Language Study LI 305                  | 3       |
- Choice from Multicultural Component List        | 2       |
- Elementary School Physical Educ. PE 361        | 3       |
- Elementary School Art Methods AR 321            | 3       |
- Public School Music MU 371                      | 2       |
- Spanish Conversation & Composition S 304        | 3       |
- Child Psychology P 311                          | 3       |
- Children’s Literature LS 316                     | 3       |
- Intercultural Communication CM 351              | 3       |
- Teaching Beginning Reading K-3 TE 206           | 3       |
- **TOTAL**                                       | 15      |

**SENIOR YEAR:**

- Elementary Student Teaching Bilingual Classroom TE 474 | 5 |
- Reading in the Content Area TE 307              | 3       |
- Teaching Reading & Language Arts                | 3       |
- Elementary Class GE 453                         | 3       |
- Panorama de la Tradicion Cultural               | 3       |
- Mexican American Literature S 378               | 3       |
- Conflict in Educational System TE 498           | 2       |
- **TOTAL**                                       | 16      |

**Elementary Student Teaching Bilingual Classroom TE 475 | 5**

- Mexican American Literature S 425               | 3       |
Teaching Content Areas in Bilingual
  Classroom TE 454 .................................................. 3
  Applied Linguistics in English as a Second
  Language LI 407 .................................................. 3
  14
  *Required of monolingual students; bilingual students may replace with electives
  depending on results of English and Spanish proficiency tests.

AREAS OF SPECIALTY

Students in Education may select an area of specialty as a
phase of the Elementary Education major or Secondary Option in
subject areas. Areas of specialty are: Early Childhood Education,
Library Science, Special Education and Reading. In some in-
stances, students may need to extend the time sequence at the
University in order to complete a specialty. Planning for the
specialties should begin prior to the junior year.

EARLY CHILDHOOD EDUCATION

Students may enroll in a program that will provide for a specialty
in Early Childhood Education. The Elementary Education major
should plan the program with the assistance and approval of the
advisor and the consultant in Early Childhood Education. Some
courses may be included in both the Elementary Education se-
quence and the Early Childhood sequence. A minimum of 21
hours, as designated below, is required.

A. Required Courses (total of 17 credit hours)
  1. Child Behavior in Early Childhood Educ. TE 461 .................. 3
  2. Curriculum in Early Childhood Educ. TE 462 .................. 3
  3. Individualizing Instruction in Early
     Childhool Education TE 464 .................. 3
  4. Creating Materials in Early Childhool Education TE 465 ....... 3
  5. Elementary Student Teaching at the
     Kindergarten Level TE 472 .................. 5

B. Elective Courses (minimum 4 credit hours)
  1. Dance for Children PE 357 ........................................ 2
  2. Perceptual Motor Programs for Kindergarten
     & Special Educ. Teachers PE 369 .................. 2
  3. Techniques in Student Motivation &
     Classroom Management TE 371 .................. 3
  4. Diagnosis of Mildly & Moderately
     Handicapped TE 430 .................................. 3
  5. Remediation of Mildly & Moderately
     Handicapped TE 431 .................................. 3
  6. Instructional Materials for the
     Exceptional Child TE 440 ............................. 3
  7. Independent Study TE 496 ..................................... 3

LIBRARY SCIENCE

In addition to general certification requirements, the training re-
quired for teacher librarians, at any grade level, shall be not less
than 24 semester credit hours in the general field of Educational
edia, 12 of which must be in the areas of Material Selection,
Organization and Administration, Callinng and Classification,
Reference, and Bibliography. Students must be able to type.

Up to 6 semester credit hours in the subject areas listed below
may be substituted for an equal number of hours in the field of
Educational Media for the purpose of meeting the requirements
for the endorsement:

  Philosophy of Education
  Educational Administration
  Curriculum Design or Development
  Pedagogy or Methods of Instruction
  Educational Psychology or Theory of Learning
  Child or Adolescent Psychology
  Communications
  Graphic Arts

A student wishing to become a professional librarian by contin-
uing in a graduate school of librarianship should consult with the
Library Science instructor, for guidance in planning his
undergraduate program. These basic courses which follow,
however, will give suitable academic training for librarians in small
public libraries in the area who are unable to afford graduate
library schools.

SPECIAL EDUCATION

Students desiring to teach exceptional children may enroll in
one of the following programs and upon successful completion
will meet requirements for Idaho Teacher Certification. Both pro-
grams have been designed to be pursued in a dual program with
either the Elementary or Secondary Education major. The student
should begin program planning as early as possible with the stu-
dent’s advisor and a consultant from Special Education, therby
providing continuity and elimination of possible obstacles.

Several courses may be applied to a dual program and the student
should plan accordingly. These programs are designed to meet
Idaho Exceptional Child Certification standards, which require a
major of 30 credit hours in the desired area of certification.

A. GENERALIST — EDUCATIONALLY HANDICAPPED

This program enables a Special Education teacher to work with
exceptional children who exhibit mild or moderate educational
handicaps such as the mentally retarded, learning disabled, and
emotionally disturbed, either in a resource room or a regular
classroom.

  1. Required Courses (24 Credit Hours)
    a. Education of the Exceptional Child TE 291 .................. 3
    b. Techniques in Student Motivation &
       Classroom Management TE 371 .................. 3
    c. Diagnosis of the Handicapped TE 430 .................. 3
    d. Remediation of Mildly & Moderately
       Handicapped TE 431 .................................. 3
    e. Instructional Materials for the
       Exceptional Child TE 440 ............................. 3
    f. Senior Seminar in Special Education TE 499 ............. 2
  2. Elective Courses (minimum 6 credit hours)
    a. Behavior Intervention Techniques TE 450G ................ 3
    b. Teaching Strategies for Behavior Disorders TE 425 ........ 3
    c. Curriculum in Early Childhood Educ. TE 462 ............. 3
    d. Individualizing Instruction in Early
       Childhood Education TE 464 .......................... 3
    e. Independent Study of Emotionally
       Handicapped TE 496 ..................................... 3

B. SEVERE RETARDATION

This program enables a Special Education teacher to work
with exceptional children who exhibit severe handicapping
conditions, probably requiring a self-contained placement.

  1. Required Courses (21 Credits)
    a. Education of the Exceptional Child TE 291 .................. 3
    b. Techniques in Student Motivation &
       Classroom Management TE 371 .................. 3
    c. Diagnosis of the Handicapped TE 430 .................. 3
    d. Teaching the Moderately &
       Severely Handicapped TE 423G ..................... 3
    e. Elementary Student Teaching in Special
       Education Classroom TE 473 .......................... 5
    f. Senior Seminar in Special Education TE 499 ............. 2
    g. Motor Programming for Kindergarten and
       Special Education Teacher PE 369 .......................... 2
  2. Elective Courses (minimum 9 Credits)
    a. Instructional Materials for the
       Exceptional Child TE 440 ............................. 3
    b. Teaching Strategies for Behavior Disorders TE 425 ........ 3
    c. Behavior Intervention Techniques TE 450G ................ 3
    d. Curriculum in Early Childhood Educ. TE 463 ............. 3

SCHOOL OF EDUCATION

  Introduction to Use of Books & Libraries LS 101 .................. 2
  Library Organization and Administration LS 301 .................. 3
  Reference and Bibliography LS 311 .......................... 3
  Children's Literature LS 316 .................................. 3
  Basic Book Selection LS 321 .................................. 3
  Cataloging and Classification LS 331 .......................... 3
  Audio Visual Aids in Education TE 356 .......................... 2
  Literature for the Adolescent LS 341 .......................... 3
SCHOOL OF EDUCATION

1. Completion of the Bachelor of Arts degree in Elementary Education after meeting the following requirements:

   a. Individualizing Instruction in Early Childhood Education TE 464..................3
   b. Methods of Teaching Reading K-3 TE 206..................3
   c. Teaching Reading in the Content Subjects TE 307..................3
   d. Corrective Reading TE 358..................3
   e. Introduction to Language Studies LI 305..................3
   f. Teaching Reading and Language Arts in the Bilingual Classroom TE 453..................3
   g. Internship in Reading TE 493..................3

2. Elective Courses
   b. Techniques in Student Motivation and Classroom Management TE 371..................3
   c. Instructional Materials for the Exceptional Child TE 440..................3
   d. Advanced Practices and Principles of Teaching Language Arts and Linguistics TE 512..................3
   e. Individualizing Reading Instruction TE 522..................3
   f. Education for the Culturally Different Learner TE 531..................3

B. READING — SECONDARY

1. Required Courses
   a. Introduction to the Use of Books and Libraries LS 101..................2
   b. Methods of Teaching Reading K-3 TE 206..................3
   c. Teaching Reading in the Content Subjects TE 307..................3
   d. Corrective Reading TE 358..................3
   e. Introduction to Language Studies LI 305..................3
   f. Literature for the Adolescent LS 341..................3
   g. Teaching Reading and Language Arts in the Bilingual Classroom TE 453..................3
   h. Internship in Reading TE 493..................3

2. Elective Courses
   a. Applied English Linguistics LI 307..................3
   b. Techniques in Student Motivation and Classroom Management TE 371..................3
   c. Literature for the Secondary School E 481..................3
   d. Techniques in Student Motivation and Classroom Management TE 371..................3
   e. Instructional Materials for the Exceptional Child TE 440..................3
   f. Relating Reading Processes to Secondary School Subjects TE 507..................3
   g. Teaching Reading in the Secondary School TE 508..................3
   h. Advanced Practices and Principles of Teaching Language Arts and Linguistics TE 512..................3
   i. Individualizing Reading Instruction TE 522..................3
   j. Education for the Culturally Different Learner TE 531..................3

C. CERTIFICATION REQUIREMENTS FOR ELEMENTARY EDUCATION

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

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

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

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

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

CERTIFICATION REQUIREMENTS AND ENDORSEMENTS FOR SECONDARY EDUCATION


A. Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of Baccalaureate degree including Education requirements.

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

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

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

B. A standard secondary certificate may be issued by the State Board of Education to any person of good moral character who has a Bachelor's degree from an accredited college or university and meets the following requirements:

Idaho requires a minimum of 20 semester credit hours "in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching."

These basic requirements are translated into the following required Boise State University courses:

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<td>Educational Psychology P 325</td>
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</table>

Student Teaching Alternatives

1. Single Alternatives
   a. Junior High/Middle School Student Teaching TE 482..................8
   b. Senior High School Student Teaching TE 483..................8
   c. The Senior High School TE 487..................1

2. Composite Alternative
   a. The Junior High/Middle School TE 486..................1
   b. Composite-Junior High/Middle School Student
Teaching TE 484 ............................................. 6
Composite-Senior High School Student
Teaching TE 485 ............................................. 6
The Senior High School TE 487 ......................... 1

NOTE: The above alternatives all lead to a standard secondary certificate (grades 7-12), and offer a variety of student teaching experiences. Alternative “1.a.” provides for a Junior High/Middle School experience. Alternative “1.b.” provides for a Senior High School Experience. Alternative “2.” provides for a combination of Junior High/Middle School and Senior High School experiences. Students should consider alternative “2.” if their teaching fields are applicable to both the junior and senior high school level. It is highly desirable to discuss such alternatives with the major advisor and with a member of the Secondary Education faculty in the Department of Teacher Education and Library Science well in advance of applying for student teaching.

Students may complete the student teaching requirements in either the fall or spring semester of their senior year. The advisor should be consulted as to the better time based upon offerings in the major field and other considerations.

Student teaching is scheduled through the Office of the Coordinator of Field Services in the Department of Teacher Education and Library Science. See ANNUAL SESSION TO STUDENT TEACHING AND GENERAL POLICIES for specifics regarding student teaching.

C. To be recommended for certification from Boise State University, the student must complete the Secondary Option degree program within a selected department. Such completion represents a major certification endorsement (at least 30 credit hours) in a teaching field. It is highly recommended that the student complete a minor certification endorsement of at least 20 credit hours in another field as an additional minor certification endorsement enhances the opportunity for employment.


D. A listing of the Boise State University minor certification endorsements* is included for the convenience of students:

Requirements for Minor Certification Endorsements

*NOTE: Minor certification endorsements may be recognized by the State of Idaho in areas other than those included in this listing. Check with the Office of Field Services for further information.

ANTHROPOLOGY:
Social Science Major:
Physical Anthropology AN 201 .......................... 3
Cultural Anthropology AN 202 ............................ 3
Peoples and Cultures of the World AN 311 .............. 3
additional upper division Anthropology ................. 6
  15
Non-Social Science Major:
Physical Anthropology AN 201 .......................... 3
Cultural Anthropology AN 202 ............................ 3
Introduction to Archaeology AN 203 ...................... 3
Peoples and Cultures of the World AN 311 .............. 3
additional upper division Anthropology ................. 9
  21

ART:
Introduction to Art AR 103 .................................. 3
Basic Design AR 105-106 ................................. 4
Drawing AR 111, 112 ....................................... 2
Painting AR 113, 114 ........................................ 2
2 hours from: Sculpture, Metalsmithing
  Ceramics, Methods in Craft ............................. 2

SCHOOL OF EDUCATION

Electives from 100-400 Regular Courses .................. 7
Suggested Electives: Art History, Lettering, Photography,
  Printmaking, Weaving, and those listed above 

BIOLOGY:
General Biology B 101-102 ............................... 8
  or General Botany BT 130 and
  General Zoology Z 130 .................................. 9
Systematic Botany BT 201 .................................. 4
Concepts of Anatomy and Physiology Z 107 ............ 4
Genetics, Lab B 343, 344 ................................. 4
  or Vertebrate Natural History Z 355 ................. 4
  20-21

BUSINESS EDUCATION:
(No Minor Certification Endorsement)

CHEMISTRY:
100 Level General Chemistry Courses ................... 8-10
Organic Chemistry Courses ................................ 5
Additional Courses in Analytical, Physical,
  Inorganic or Biochemistry .............................. 4
Mathematics to the M 111 Algebra and
  Trigonometry Level ....................................... 5
  22-24

COMMUNICATION: (Speech)
Fundamentals of Speech CM 111 .......................... 3
Reasoned Discourse CM 112 ............................... 3
Communication Process CM 221 .......................... 3
Speech-Communication for Teachers CM 311 ............ 3
Methods of Teaching Communication CM 401 ............ 3
Electives selected from: .................................... 5
  Mass Communication CM 171 ............................ 3
  Oral Interpretation CM 241 ............................. 3
  Communication in the Small Group CM 251 ............ 3
  Interviewing CM 307 ..................................... 3
  Message Analysis and Criticism CM 331 ............... 3
  Non-Verbal Communication CM 341 ..................... 2
  Intercultural Communication CM 351 .................... 3

CONSUMER EDUCATION:
(See Business Education Department)
Consumer in the Marketplace HE 250 .................... 3
Principles of Economics EC 201-202 ...................... 6
Personal Finance and Investments FI 108 ................ 3
Money and Banking EC 301 ................................ 3
Basic Marketing Management MK 301 .................... 3
Consumer Education in Schools BE 411 ................. 3
  21

EARTH SCIENCE:
Physical Geology GO 101 ................................... 4
Historical Geology GO 103 .................................. 4
Introduction to Ocean Geology GO 201 .................. 3
Introduction to Meteorology GO 213 .................... 3
Introduction to Descriptive Astronomy PH 105 ........... 4
Electives selected from: .................................... 3
  Geology of Idaho & Pacific NW GO 111 ............... 3
  Mineralogy GO 221 ....................................... 4
  Geomorphology GO 313 ................................... 3
  Invertebrate Paleontology Physics of
  the Earth GO 351 ......................................... 3
  Environmental Geology GO 511 .......................... 3
  21

ECONOMICS:
Principles of Macroeconomics EC 201 .................... 3
Principles of Microeconomics, Micro EC 202 ............ 3
Intermediate Microeconomics EC 303 ..................... 3
Intermediate Macroeconomics EC 305 .................... 3
Upper Division Economics Courses ....................... 9
  21

ENGLISH:
Advanced Composition ....................................... 3

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SCHOOL OF EDUCATION

Linguistics ......................................................... 3  
Survey of American Literature E 271 or 272 ................ 3  
Teaching English Composition E 301 OR .......................... 3  
Methods of Teaching Secondary ................................. 3  
School English E 381 ............................................. 3  
Lower Division Literature E 230, 235, 240, 260, 215 ............. 6  
Upper Division Literature ........................................ 6  
FOREIGN LANGUAGE: ............................................ 24  
French:  
Demonstrate competency equivalent to the completion of  
Elementary French F 101-102, and Intermediate French F 201-202,  
by completing the courses or by examination. ................. 3  
Complete 21 Upper Division Credits ............................ 3  
French Composition & Conversation F 303-304 .................. 6  
French Culture & Civilization F 376-377 ....................... 6  
Teaching Methodology in Foreign Language FL 412 ............... 3  
French Literature ............................................... 6  
Competency Examination Required ............................. 21  
German:  
Demonstrate competency equivalent to completion of  
Elementary German G 101-102, and Intermediate German G  
201-202, by completing the courses or by examination. ....... 3  
Complete 21 Upper Division Credits ............................ 3  
Advanced German Conversation &  
Composition G 303-304 ......................................... 6  
German Culture & Civilization G 376-377 ...................... 6  
Teaching Methodology in Foreign Language FL 412 ............... 3  
Upper Division German Literature .............................. 6  
Spanish:  
Demonstrate competency equivalent to completion of  
Elementary Spanish S 101-102, and Intermediate Spanish S  
201-202, by completing the courses or by examination. ...... 3  
Complete 23 Upper Division Credits ............................ 3  
Advanced Spanish Conversation and  
Composition S 303-304 ......................................... 6  
Cultura y Civilizacion Espanola y Hispano-Americanas  
G 376-377 ....................................................... 6  
Applied Linguistics S 410 ........................................ 2  
Teaching Methodology in Foreign Language FL 412 ............... 3  
Upper Division Spanish Literature .............................. 6  
Competency Examination Required ............................. 23  
GEOGRAPHY: ...................................................... 20  
Introduction to Geography GG 101 ............................... 3  
Cultural Geography GG 102 ...................................... 3  
Upper Division Geography (minimum) ........................... 6  
Geography Courses (minimum) .................................. 8  
GENERAL SCIENCE: ............................................. 33-34  
Complete the basic sequence of courses in  
B 101-102 or BT 130 and Z 130 ................................. 6-9  
Chemistry C 107, 108, 109, 110 ................................ 9  
Geology GO 101-103 ............................................. 6  
Physics PH 101-102 ............................................. 8  
HEALTH EDUCATION: .......................................... 3  
Health Education PE 100 ......................................... 3  
First Aid PE 105 .................................................. 2  
Anatomy and Physiology ZO 107 ................................ 4  
Nutrition H 207 .................................................... 3  
Adolescent Psychology P 312 ..................................... 3  
Personal & Public Health Problems PE 305 ...................... 3  
Electives from the following:  
Drugs, Use and Abuse H 109 ..................................... 2  
Man and the Environment B 200 .................................. 2  
Intro to Disease Conditions H 203 ................................ 3  
Chronic Illness: Impact & Outcome H 205 ....................... 3  
Abnormal Psychology P 301 ..................................... 3  
Health Delivery Systems H 302 ................................ 3  
HISTORY: ............................................................. 12  
Lower Division  
U.S. History HY 151-152 or Problems in U.S. History HY 251-252 6  
Western Civilization or Problems in Western Civilization HY 101-102-103 ................................................. 3  
American Government (State-Required) .......................... 3  
Upper Division Courses to include 3 credit hours  
of U.S. History with remaining 9 credit hours  
selected from 2 or 3 major History areas  
(U.S., European, Third World) ................................. 12  
MATHMATICS: ..................................................... 24  
Digital Computer Programming M 122, 124 ..................... 2  
Calculus M 204, 211 ............................................ 5  
Calculus M 205, 212 ............................................ 4-5  
At least 1 of the following: ...................................... 3-4  
Introduction to Abstract Algebra M 302 .......................... 3  
Number Theory M 306 .......................................... 3  
Foundations of Geometry M 311 .................................. 3  
Fundamentals of Statistics M 361 ................................ 4  
Electives to complete 20 hours  ................................ 6-4  
20-20  
MUSIC:  
Instrumental Track: ............................................. 32  
Materials of Music MU 119-120 .................................. 8  
Ear Training MU 121-122 ........................................ 2  
Introduction to Music MU 133 .................................... 3  
Basic Conducting MU 261 ....................................... 1  
Orientation to Music Education MU 271 ......................... 1  
1 year Applied Music ............................................ 4  
1 year Major Performance Ensemble ............................. 2  
String Instrument Methods & Techniques MU 257 .............. 2  
Woodwind Methods & Techniques MU 266 ....................... 2  
Instrumental Conducting MU 366 ................................ 1  
Percussion Methods & Techniques MU 368 ....................... 2  
Brass Methods & Techniques MU 369 ............................ 2  
Band & Orchestra Methods & Materials MU 387 ................. 2  
Choral Track:  
Materials of Music MU 119-120 .................................. 8  
Ear Training MU 121-122 ........................................ 2  
Introduction to Music MU 133 .................................... 3  
Vocal Techniques MU 256 ........................................ 2  
Basic Conducting MU 261 ....................................... 1  
Orientation to Music Education MU 271 ......................... 1  
1 year Applied Music (Major Instrument) ....................... 4  
1 year Major Performance Ensemble ............................. 2  
1 year Applied Music (Voice or Piano) .......................... 4  
Choral Conducting MU 366 ...................................... 1  
Choral Methods and Materials MU 388 ............................ 2  
PHYSICAL EDUCATION:  
Elementary Physical Education: ................................ 30  
First Aid PE 105 .................................................. 2  
Gymnastics PE 115 .............................................. 1  
Field Sports PE 117 .............................................. 1  
Basketball and Volleyball PE 143 ................................ 1  
Track and Field PE 212 .......................................... 1  
Anatomical Kinesiology PE 230 ................................ 2  
Physical Kinetics PE 310 ........................................ 2  
Dance for Children PE 357 ...................................... 2  
Motor Programming for Kindergarten and Special  
Education Teachers PE 389 ..................................... 2  
Adaptive & Corrective Physical Educ. PE 451 ................... 2  
Internship PE 493 ................................................ 3  
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Secondary Physical Education:
- Health Education PE 100 ........................................... 3
- First Aid PE 105 ................................................... 2
- Basic Movement PE 113 .......................................... 1
- Gymnastics PE 115 ............................................... 1
- Field Sports PE 117 ............................................. 1

Resistive Training & Conditioning Procedures PE 149 ........................................ 1
Principles of Physical Education PE 202 ........................................ 2
Track and Field PE 212 ........................................ 1
Anatomical Kinesiology PE 230 .......................................... 2
Methods for Teaching Physical Educ. PE 304 ........................................ 2
Physiological Kinesiology PE 310 .......................................... 2
Organization and Administration of Physical Education PE 457 ........................................ 3
Internship PE 493 ................................................... 3

PHYSICS:
- General Physics PH 101-102 ........................................ 8
- Introduction to Descriptive Astronomy PH 105 .................. 4
- Introduction to Biophysics PH 207 ...................................... 4
- Technical Drawing EN 101 OR ........................................ 2
- Engineering Fundamentals EN 107 ...................................... 2
- Digital Computer Programming EN 104 ............................. 2
- Math Skill Equivalent to M 111 ......................................... 5

POLITICAL SCIENCE:
- American National Government PO 101 ......................... 3
- Contemporary Political Ideologies PO 141 .......................... 3
- Comparative European Governments and Politics PO 229 ................................. 3
- International Relations PO 231 ...................................... 3
- American History .................................................. 6
- Political Science Electives (Upper Division) ......................... 21

PSYCHOLOGY:
- General Psychology P 101 .......................................... 3
- Abnormal Psychology P 301 ........................................ 3
- Statistical Methods P 305 ........................................... 3
- Personality P 351 ................................................... 3
- Psychology Upper Division Electives .................................. 9

SOCIOLOGY:
- Introduction to Sociology SO 101 .................................. 3
- Social Statistics SO 310 ............................................... 3
- Social Research SO 311 ............................................... 3
- History of Sociology SO 401 OR ...................................... 3
- Current Sociological Perspectives SO 402 ........................................ 3
- Sociology Electives .................................................. 9

THEATRE ARTS:
- Technical Theatre TA 117-118 ........................................... 8
- Acting TA 215 ................................................... 3
- Major Production Participation TA 331 ........................................ 1
- World Drama TA 341, 342, 353 ........................................ 3
- Directing TA 491 ................................................... 3
- Theatre History TA 421 or 422 ........................................ 3

SPECIAL EDUCATION
Students wishing to pursue a program leading to certification as a Special Education teacher will need to arrange consultation with a Special Education faculty member in the Department of Teacher Education and Library Science. The student wishing to pursue such a plan should investigate this option as early as possible since a minimum of thirty (30) credits will be required in the program leading to certification.

GRADUATE PROGRAMS IN EDUCATION
A Master of Arts in Elementary Education is offered through the Department of Teacher Education and Library Science. The candidate may select from 5 areas of emphasis: (1) Curriculum and Instruction, (2) Content Enrichment, (3) Early Childhood, (4) Reading, and (5) Special Education. The specifics of the programs are presented in the Graduate School Section of this Catalog.

A Master of Arts in Secondary Education is offered by the Department of Teacher Education and Library Science in cooperation with participating departments of the University. The areas of emphasis are: Art, Business Education, Earth Science, English, History, Mathematics, and Music. The specifics of the programs are presented in the Graduate School Section of this Catalog.

SERVICES
PLACEMENT
A teacher Placement Service is provided by the Boise State University Career and Financial Services Office. Check with the Director regarding eligibility to use this service and procedures for doing so.

READING EDUCATION CENTER
The Center provides special services for University and public school students with special problems in reading. Faculty members, public school teachers and parents may seek assistance from the Reading Education Center for students who need diagnosis followed by planned instruction for improvement.

COURSE OFFERINGS
LS LIBRARY SCIENCE

LOWER DIVISION
LS 101 Introduction to Use of Books and Libraries (2-0-2) (F). Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshmen, sophomores and new students. Recommended for education majors.

LS 102 Basic Library Skills (2-0-2) (FS). An independent self-paced course in library skills including resources common to academic libraries in general and to facilities in the Boise State University Library, in particular. Designed for incoming students who are not familiar with an academic library and for returning students who have had difficulty using the college library in the past.

UPPER DIVISION
LS 301 Library Organization and Administration (3-0-3) (F). An introduction to the development, organization, and management of all types of libraries with emphasis on the school library and its place in the institutional program.

LS 311 References and Bibliographies (3-0-3) (F). 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. Especially recommended for secondary teachers.

LS 316 Children's Literature (3-0-3) (FS). Selection, wide reading, and evaluation of books appropriate for children, including emphasis upon the interests and needs of ethnic minorities. Required of elementary education majors and elementary school librarians. Recommended for public librarians, parents, and all who work with children.

LS 321 Basic Book Selection (3-0-3) (S). 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 discard and weeding, and materials for slow and gifted readers. Especially recommended for secondary teachers.

LS 331 Cataloging and Classification (3-0-3) (S). Introduction to the theory and principles of classification and cataloging of book materials; practice in using the Dewey Decimal Classification, in preparing catalog cards and in the ordering and use of Library of Congress printed cards; assigning of subject headings and library filing.

LS 341 Literature for Adolescents (3-0-3) (S). Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people, including emphasis upon the needs of ethnic minorities. Intended for librarians, high school teachers, and others interested in working with young adults. Prerequisite: 3 credits of lower division literature.

COURSE OFFERINGS
TE TEACHER EDUCATION

LOWER DIVISION
TE 108 Efficient Reading and Effective Study Skills (2-0-2) (FS). Develops the reading and study skills of the college students. Areas covered are organized study techniques, taking exams, building vocabulary, comprehending reading material, gaining main ideas, using the library, and reading rapidly and flexibly.

TE 171 Early School Experience (1-1-1) (FS). An experience in a school classroom, involving observation and assistance to the teacher. Requires a minimum of 20 hours in the classroom and periodic seminars with a university instructor. Program is coordinated by the Department of Teacher Education and Library Science. Required of all elementary education majors.

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SCHOOL OF EDUCATION

TE 201 Foundations of Education (3-0-3) (Area II). A general introductory course in education to provide the student familiarity with the teaching profession. Components of the class include social, cultural, philosophical, and historical perspectives of education. In addition, an attempt is made to inspect current educational issues and problems as they relate to the four basic components.

TE 206 Teaching Beginning Reading, K-3 (3-0-3) (FS). Explores the professional responsibilities of the reading teacher, synthesizes current approaches to beginning reading instruction, and provides knowledge and skills for implementing reading instruction from kindergarten through grade three.

TE 271 Teacher Aide Practicum (1-3-2) (FS). Provides an opportunity for students to become familiar with practical problems of teaching. Include 8 one-hour orientation meetings, seminars with university professor and 40 hours of direct teaching experience in an elementary, special education, or pre-school classroom. Prerequisite: TE 171.

TE 291 Education of the Exceptional Child (3-0-3). All areas of exceptionality will be explored and the educational needs of these children. Implications for the cooperative involvement of the public school system and other community agencies will be included in attempting to investigate all alternatives to the education of the exceptional. Prerequisite: TE 171.

UPPER DIVISION

TE 327 Reading in the Content Subjects, Elementary and Secondary Levels (3-0-3) (FS). Provides an understanding of reading as a communication skill, and stresses the responsibility of teachers to teach the vocabulary of their specific discipline. Fociuses upon the commonality of reading and study skills in all content subjects and the application of appropriate skills to the various content fields.

TE 323 Educating Exceptional Secondary Students (1-0-1). (FS). The course is designed to acquaint secondary teachers with the educational needs of secondary students identified as exceptional. Emphasis shall be placed upon classroom teaching models that enhance learning by special students.

TE 356 Production of Audio Visual Materials (2-2-2) (FS). Motion pictures, graphic materials, audio tapes, and field trips are planned to acquaint the students with the production and utilization of audio visual instructional materials in the classroom with practical experience in operating the equipment involved.

TE 358 Corrective Reading (3-0-3) (SSU). A study of reading difficulties of elementary or secondary school pupils with emphasis upon diagnosis, and upon materials and methods of teaching. Opportunity is offered to consider learning disabilities related to ethnic and cultural differences by tutoring an elementary or secondary school pupil for appropriate classroom assistance. Prerequisite: TE 201.

TE 371 Techniques in Student Motivation and Classroom Management (3-0-3) (FS). An overview of behavior perceived as inappropriate to the effectiveness of the regular and special classroom, the possible causes of such behavior, and the alternatives of attempting both the behavior. The course is also related to techniques for motivating the child towards appropriate goals. Skills related to parent consultation with parent conferences will also be introduced.

TE 381 Secondary School Methods (3-0-3). A study of the secondary school including methods and materials. Application is made to the students' teaching areas. Must be taken prior to student teaching. Prerequisite: TE 201, Admission to Teacher Education.

TE 393 Beginning Driver Education (2-1-2). 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 safety.

TE 394 Advanced Driver Education (2-1-2). Designed to provide advanced preparation in principles and practices of driver and traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE 393.

TE 395 General Safety Education (3-0-3). Provides a comprehensive survey of general safety education problems and needs for students in general education. Includes the study of accidents, accident prevention, and the school's role in safety relative to other public and private agencies.

TE 410 Elementary School Media I (1-1-1) (F). First semester of two semesters. Emphasizes the media production for the elementary teacher and basic experiences in the areas of illustration, preservation, lettering, and coloring of instruction materials in addition to the operation of audio-visual equipment commonly found in the elementary classroom.

TE 411 Elementary School Media II (1-1-1) (S). Second semester of two semesters. Designed to give elementary teachers experience in the production and utilization of instructional material, and audio-visual equipment. More advanced skills are taught in the areas of illustration, preservation, lettering, coloring, and photography. Prerequisite: TE 410.

TE 421 Teaching Strategies for the Mentally Retarded (3-0-3) (S). Survey and identification of teaching methods utilized in classroom teaching of all levels of retardation. Prerequisite: TE 291.

TE 422 Curriculum for the Moderately/Severely Handicapped (3-0-3) (F). This course is designed to acquaint students with a systematic approach to conduct assessment and curriculum planning for the moderately/severely handicapped student. Such areas as severe mental retardation, multiple handicaps, and severely emotionally disturbed will be studied in this course. Prerequisite: TE 291, 430.

TE 423 Teaching the Moderately and Severely Handicapped (3-0-3) (S). This course is designed to acquaint students in gaining skills necessary for teaching the moderately/ severely handicapped. Updating of information and skills relative to research in this area will be given high priority. Students will be required to read recent literature and participate actively in classroom activities. Prerequisite: TE 422.

TE 425 Teaching Strategies for Behavior Disorders (3-0-3) (S). Provides strategies for instructing students with behavior disorders. Students will examine research, participate in classroom projects, and field test preferred curriculum models. Prerequisite: TE 430 or PERM/INST.

TE 430 Diagnosis of the Handicapped (3-0-3) (F). Provides for the development of skills in identification and diagnosis of students referred for evaluation.

TE 431 Remediation of the Mildly/Moderately Handicapped (3-0-3) (S). Provides the participants with an opportunity to develop the necessary skills in remedial planning for the exception student, through a cooperative teacher in a bilingual classroom, with microcomputer instruction. Prerequisite: TE 430 or PERM/INST.

TE 440 Instructional Materials for the Exceptional Child (3-0-3) (F). Development of techniques for evaluation and instruction of appropriate materials and equipment for teachers of exceptional children will be the emphasis of this course. A survey and use of those materials available in the Boise State Curriculum Resource Center as well as those that are available in local schools will provide the material base.

TE 450G Behavior Intervention Techniques (3-0-3) (S). This course is designed for teachers, counselors, and administrators to gain an understanding of the principles of behavior and the application of behavioral analytic procedures. The major emphasis will be based upon the Learning Theory Model. Development of an intervention strategy to deal with the relationship of behavior to the environment will be stressed. Prerequisite: TE 291.

TE 451 Elementary Curriculum and Methods (5-0-5) (FS). The basic semester of Elementary Curriculum and Methods with an emphasis on curriculum models, textbook series used by local school districts, and basic skills that are essential for the teaching of mathematics, social studies, science, and language arts. Also included is an introduction to goals and objectives, lesson plans, appropriate classroom activities, and models of evaluation as suggested by current educational and psychological theory. Prerequisite: TE 171, 271, 410. Corequisites: TE 410, 471, 498. Also offered summers, even years.

TE 452 Elementary Curriculum and Methods (6-0-5) (FS). The advanced semester of Elementary Curriculum and Methods with an emphasis on expanding skills essential for teaching mathematics, social studies, science, and the language arts in the 6th. Also included are unit plans, processing skills, problem-solving and decision-making strategies, and classroom activities. Prerequisite: TE 451. Corequisites: TE 411, 472, 499. Also taught summers, odd years.

TE 453 Teaching Reading and Language Arts in the Bilingual Classroom (3-0-3). Develops an understanding of various approaches to reading instruction. Includes readers' workshops and methods for teaching English languages. Prerequisite: TE 291, 301, 302, 201, and 202 or S 203.

TE 454 Teaching Content in the Bilingual Classroom (3-0-3) (S). This course includes instruction strategies and techniques in mathematics, science and social studies for use in the elementary classroom. Instruction will be presented in both the Spanish and English languages. Prerequisite: S 101, 102, 201, and 202 or S 203.

TE 458 Child Behavior in Early Childhood Education (3-0-3) (S). The influence of home and school environments will be examined in relation to child behaviors. The role of play, emotions, concept formation, and personality development will be emphasized. Special interest areas such as sex education, moral development, parent-child relations and multi-cultural education will be explored.

TE 461 Curriculum in Early Childhood Education (3-0-3) (F). All areas of the curriculum will be explored. Various early childhood curriculums from national programs will be examined. A variety of early childhood environments will be visited during course lecture hours.

TE 463 Infant Education (3-0-3) (F). Odd-numbered years. The physical, social, emotional, and intellectual development of the infant—age birth to three—will be examined in relation to kinds of environment and learning experiences that will stimulate and enrich the optimal development.

TE 464 Individualizing Instruction in Early Childhood Education (3-0-3) (F). Even-numbered years. Teaching methods in the early childhood environment will be examined. Particular emphasis will be given to individualizing instruction. The student will become familiar with techniques in observing children, assessing needs, and planning for instruction.

TE 465 Creating Materials in Early Childhood Education (3-0-3) (S). Students will learn to make inexpensive materials that are best suited to meet the developmental and cultural needs of children. Various materials such as independent study devices, pocket charts, self-correctional materials, puppets, and games will be covered. Students may be charged a lab fee for supplies.

TE 471 Elementary Student Teaching (0-20-5) (FS). Observation and supervised teaching. Prerequisite: Approval of an application for student teaching, senior standing and GPA of 2.50.

TE 472 Elementary Student Teaching (0-20-5) (FS). Observation and supervised teaching. Prerequisite: Approval of an application for student teaching, senior standing and GPA of 2.50.

TE 473 Elementary Student Teaching in Special Education (3-0-5) (F). Supervised teaching in a resource or self-contained special education classroom. Prerequisite: Required course work in special education and approval for placement in a special education setting.

TE 474 Elementary Student Teaching in the Bilingual Classroom (0-20-5) (F). This course includes observation of teaching in bilingual classrooms at varied grade levels, teaching under the direction of a cooperating teacher in a bilingual classroom, and regularly scheduled seminars with a university supervisor. Some areas will be presented in both English and Spanish. May be taken concurrently with TE 453 or TE 454. Prerequisite: S 202, TE 430, TE 440.

TE 475 Elementary Student Teaching in the Bilingual Classroom (0-20-5) (S). This course includes observation of teaching in bilingual classrooms at varied grade levels, teaching under the direction of a cooperating teacher in a bilingual classroom and regularly scheduled seminars with a university supervisor. Some areas will be presented in both English and Spanish. May be taken concurrently with TE 453 or TE 454. Prerequisite: S 202, TE 432, TE 445.
SCHOOL OF EDUCATION

GRADUATE COURSES

(See Graduate School Section for course descriptions)

TE 482 Junior High/Middle School Student Teaching (0-14-8) (FS). Supervised student teaching in a junior school or middle school. The student will be placed with a cooperating teacher for eleven weeks in his major and/or minor field under supervision of university faculty. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 486.

TE 483 Senior High School Student Teaching (0-14-8) (FS). Supervised student teaching in a senior high school. The student will be placed with a cooperating teacher for eleven weeks in his major and/or minor field under the supervision of university faculty. The student will be placed with a cooperating teacher for approximately one-half of the semester in his major and/or minor field under the supervision of university faculty. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 486 or 485.

TE 484 Junior High/Middle School Student Teaching - Composite (0-10-6) (FS). Supervised student teaching in the junior high/middle school. The student will be placed with a cooperating teacher for approximately one-half of the semester in his major and/or minor field under the supervision of university faculty. The other half of the semester will be in a senior high school. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 484, 486, 487.

TE 485 Senior High School Student Teaching - Composite (0-10-6) (FS). Supervised student teaching in the senior high school. The student will be placed with a cooperating teacher for approximately one-half of the semester in his major and/or minor field under the supervision of university faculty. The other half of the semester will be in a junior high or middle school. Prerequisite: Prior acceptance for student teaching; TE 201, 381. Corequisite: TE 483, 484 or 485.

TE 486 The Junior High/Middle School (1-0-1) (FS). This course will examine the characteristics of students, teaching methods, classroom management, curricula, and other problems and aspects specific to the junior high/middle school. Particular care will be taken to help the student relate philosophy and theory to his student teaching experiences. Prerequisite: TE 201, 281. Corequisite: TE 482 or 494.

TE 487 The Senior High School (1-0-1) (FS). This course will examine the characteristics of students, teaching methods, classroom management, curricula, and other problems and aspects specific to the senior high school. Particular care will be taken to help the student relate philosophy and theory to his student teaching experiences. Prerequisite: TE 201, 381. Corequisite: TE 483 or 485.

TE 488 Seminar: Conflict in the Educational System (2-0-2). An interdisciplinary social science approach to practical educational considerations raised by authorities, communication, culture, language, social stratification, personality differences, and other sources of conflict in education.

TE 489 Seminar: Conflict in the Educational System (2-0-2) (FS). Designed to assist prospective elementary or special education teachers in effectively dealing with problems associated with teaching. An in-depth consideration of interpersonal communication, ethical behavior, special resources, professional associations, and controversial issues in teaching takes place with the clinic professor in intensive workshops and seminars. Corequisite: 471.

TE 499 Senior Seminar Elementary/Special (2-0-2) (F). Designed to assist prospective elementary or special education teachers in effectively dealing with problems associated with teaching. An in-depth consideration of interpersonal communication, ethical behavior, special resources, professional associations, and controversial issues in teaching takes place with the clinic professor in intensive workshops and seminars. Corequisite: TE 472 or TE 473.
The Education Building from Julia Davis park across the Boise River.
Rapidly expanding medical fields bring new technology and increasing demands for these students.

SCHOOL OF HEALTH SCIENCES

Dean: Victor H. Duke, PhD
Associate Dean: JoAnn T. Vahey, Ed.D
Health Sciences Building

The School of Health Sciences is organized and dedicated to provide a stimulating and challenging milieu in which students can gain the professional, technical, and liberal arts foundation to prepare them for life-long service and learning.

Coursework leading to baccalaureate and associate degrees is offered in several health care professional programs. Preprofessional coursework and counseling are also provided for those students who need undergraduate studies in order to qualify for medical or other professional schools. The school also recognizes the responsibility of providing continuing education to its graduates and to other health care practitioners.

Faculty of the school not only have the required academic degrees but are also registered or certified as practitioners in the areas in which they teach. Hospitals, clinics, government agencies, and a variety of health care practitioners afford the necessary patients, professional support and clinical facilities which are required to complement the classes and laboratories at the University.

COOPERATING AGENCIES

Ada County Council on Alcoholism, Boise, Idaho
Boise Convalescent Center, Boise, Idaho

Boise Valley Sunset Home, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Central District Health Department, Boise, Idaho
Community Health Clinics, Inc., Nampa, Idaho
Environmental Protection Agency
Grand Oaks Health Care Center, Boise, Idaho
Headstart, El-Ada Community Action, Boise, Idaho
Idaho Elks Rehabilitation Hospital, Boise, Idaho
Idaho Health & Welfare, Region III
Idaho Health & Welfare, Region IV
Intermountain Mental Health Center, Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
Nampa Convalescent Center, Nampa, Idaho
St. Alphonsus Regional Medical Center, Boise, Idaho
St. Luke's Regional Medical Center, Boise, Idaho
St. Mary's School, Boise, Idaho
State Hospital South, Blackfoot, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Medical Center, Boise, Idaho

Phone 208/385-1678
Phone 208/385-1317
DEPARTMENT OF ALLIED HEALTH STUDIES

Allied Health Faculty Building
2288 University Drive
Phone 208/385-3383
Chairman and Associate Professor: Conrad Colby, RRT.

In order to deliver the best health care possible, it is necessary that the physician and other members of the health care team be able to utilize the many complex and specialized tests, procedures and instruments which modern medical science has produced. This requires that persons must be trained to complement and support the physician in providing the best treatment for the patient. These other members of the health team are known as allied health personnel.

Baccalaureate degrees are offered in Medical Technology (MT), and Radiologic Technology (RD). Associate degrees are offered in: Medical Record Science (MR), Radiologic Technology (RD), and Respiratory Therapy (RT).

MEDICAL TECHNOLOGY PROGRAM

Allied Health Faculty Bldg. Phone 208/383-3383
Associate Professor: Conrad Colby, RRT; Advisors: Ellis, Fuller, Adjunctive Faculty: Loring Beals, MT (ASCP), Sandra Perotto, MT (ASCP). Frank A Roberts, MD.

The Medical Technologist performs many routine and specialized tests in the clinical laboratory for the purpose of developing data which may be used by a physician in determining the presence and extent of disease, as well as implications as to the cause of disease. The many tests and procedures performed and supervised by the Medical Technologist in the clinical laboratory include the major areas of hematology, serology and immunology, chemistry, blood banking, microbiology and parasitology, urinalysis, histology, and cytology.

A bachelor of science degree comprised of courses prescribed by the Committee on Allied Health Education and Accreditation (CAHEA) of the American Medical Association is a criterion for admission to many professional schools of Medical Technology. The baccalaureate degree in Health Sciences Studies (see Department of Community and Environmental Health) satisfies this requirement.

Individual hospital schools of Medical Technology may or may not require a baccalaureate degree as a criterion for admission. Those who do not will consider students who have completed at least 96 credits of basic sciences and general education courses prescribed by CAHEA. These courses are listed below.

REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR

English Composition E 101-102 .................. 6
Area I Core Elective ................................ 12
Area II Core Elective ................................ 12
Mathematics M 111 .................................. 5
College Chemistry and Laboratory C 131-134 .... 9
Organic Chemistry and Laboratory C 317-319 ...... 5
Biochemistry and Laboratory C 431-432 .......... 4
General Zoology Z 130 ................................ 3
Cell Biology B 225 .................................. 3
Bacteriology B 303 .................................. 3
Pathogenic Bacteriology B 310 ...................... 5
Immunology B 420 .................................. 4
General Botany BT 130 .............................. 3
Human Physiology Z 401 ............................. 4
Health Delivery Systems H 202 ...................... 3
Health Science Electives ............................. 8
Electives ............................................. 4

*Two semesters of Biochemistry C 431-433 (7 credits) are recommended.

Suggested Program

FRESHMAN YEAR:

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<td>College Chemistry Laboratory C 132, 134</td>
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<td>Biochemistry and Laboratory C 431-432</td>
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<tr>
<td>General Zoology Z 130</td>
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<tr>
<td>Cell Biology B 225</td>
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<tr>
<td>Bacteriology B 303</td>
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<td>Pathogenic Bacteriology B 310</td>
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<td>Immunology B 420</td>
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<td>General Botany BT 130</td>
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<td>Health Science Electives</td>
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SOPHOMORE YEAR:

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<tr>
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<tr>
<td>Pathogenic Bacteriology B 310</td>
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</tr>
<tr>
<td>Immunology B 420</td>
<td>3</td>
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<tr>
<td>Biochemistry Laboratory C 432</td>
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<tr>
<td>Health Science Electives</td>
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<tr>
<td>Electives Area I or II core</td>
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<tr>
<td>Electives</td>
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JUNIOR YEAR:

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<td>General Bacteriology B 303</td>
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<tr>
<td>Pathogenic Bacteriology B 310</td>
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<tr>
<td>Immunology B 420</td>
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<tr>
<td>Biochemistry C 431</td>
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</tr>
<tr>
<td>Biochemistry Laboratory C 432</td>
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<td></td>
</tr>
<tr>
<td>Electives Area I or II core</td>
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<tr>
<td>Health Science Electives</td>
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<td></td>
</tr>
<tr>
<td>Electives</td>
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</tbody>
</table>

Sophomore, Junior and Senior years are individually planned in consultation with advisor.

Students have the responsibility of applying directly to hospital schools for admission to a professional program in Medical Technology.

Upon admission to a hospital school affiliated with BSU and approved and accredited by CAHEA, the student may register for and earn an additional 32 credits for Medical Technology Clinical Class and Practice (MT 487-8-9) and a Baccalaureate degree in Medical Technology.

Medical Technology Clinical Class and Practice (MT 487-8-9) is comprised of a 12-month course of study of the following subjects, taught as part of the hospital program:

Hematology ........................................ 6
Clinical Bacteriology .............................. 8
Clinical Parasitology ................................ 1
Urinalysis .......................................... 1
Clinical Chemistry ................................ 8
Immunohematology .................................. 3
Serology-Immunology ................................ 2
Toxicology .......................................... 1
Clinical Mycology .................................. 1
Clinical Correlations Seminar .................... 1

TOTAL .................................................. 32

COURSE OFFERINGS

MT MEDICAL TECHNOLOGY

MT 201 Basic Medical Technology (2-0-2) (S). Introduction to the basic aspects of theory and practice encountered in Medical Technology. Even-numbered years beginning 1982.

MT 487 Clinical Class and Practice (175 Hr/Sem—700 Hr/Sem—14 Cr) (F). Clinical Instruction in a hospital school approved and accredited by CAHEA. Prerequisite: Acceptance by a hospital school accredited by CAHEA.

MT 488 Clinical Class and Practice (175 Hr/Sem—700 Hr/Sem—14 Cr) (S). Clinical Instruction in a hospital school approved and accredited by CAHEA. Prerequisite: Acceptance by a hospital school accredited by CAHEA.

MT 489 Clinical Class and Practice (32 Hr/Sem—218 Hr/Sem—4 Cr) (SU). Clinical Instruction in a hospital school approved and accredited by CAHEA. Prerequisite: Acceptance by a hospital school accredited by CAHEA.

MEDICAL RECORD SCIENCE PROGRAM

Health Sciences Bldg. Phone 208/385-1661
Director and Instructor: Elaine Rockhe, RRA; Clinical Coordinator
and Assistant Professor: Carol Seddon, RRA; Advisory Board:
JudithBilling, RRA; PatBrizee, RRA; Patricia Kemper, ART; James
Meade, PhD; Lorraine Schimmels, ART; Jana Schoelkoph, ART;
Kathy Seeborg, ART; Richard Williams.

Medical Record Technicians are qualified to work in any health
care agency where health records are prepared, analyzed, and
preserved. Areas of concentration include classifying diseases and
operations, analyzing records of discharged patients, compiling
statistical information for administration and research, transcribing medical reports and abstracting data for medical care
evaluation studies. In addition, students receive training in
medical record departments of area health facilities. Students are
responsible for their own transportation from BSU to the clinical
agencies.

The program offers an Associate of Science degree and is ac-
ccredited by the American Medical Association Committee on
Allied Health Education and Accreditation in collaboration with the
American Medical Record Association.

Graduates of the program are eligible to write the national ac-
creditation examination, and upon successful completion of this
examination, are recognized as Accredited Record Technicians
(ART).

ADMISSION AND APPLICATION PROCESS

Any student who fulfills the University entrance requirements is
eligible to enter the first semester of the program.

To continue in the program, students must:
1. Complete the first semester with a GPA of 2.00 or higher.
2. Make an appointment for an interview with the program
director before midterm of spring semester of the first
year.
3. Fill out and return to the Medical Record Program Office
(H-210) a "Special Programs Application for the Depart-
ment of Allied Health Studies" on or before March 1 of the
year in which the student wishes to enter the second year
of the program. The application is available in the program
director’s office. Applicants will be notified of their status
by April 25. Due to the small number of available clinical
sites, the program can accept only a limited number of
students each year.
4. Have adequate health status to ensure successful per-
formance of hospital activities; submit a negative PPD or
chest x-ray plus a documented Rubella immunity report to
the program before entering the second year.

PROMOTION AND GRADUATION

1. Students must maintain a GPA of at least 2.00 in order to
enter the second year of the program.
2. A grade of less than C in any professional course,
numbered H or MR, must be repeated and raised to C or
higher before continuing in the program.
3. Students who complete all course requirements with a
GPA of 2.00 or higher qualify for graduation.

CURRICULUM

SCHOOL OF HEALTH SCIENCES

<table>
<thead>
<tr>
<th>REQUIREMENTS FOR ADMISSION</th>
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<tbody>
<tr>
<td>A. Freshman Core Year</td>
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<tr>
<td>1. See University Admission Policy</td>
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<tr>
<td>B. Sophomore Year</td>
</tr>
<tr>
<td>1. Only students who have completed or are in the process of completing the freshman curriculum with a GPA of 2.00 or higher will be considered for acceptance into the</td>
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<tr>
<th>COURSE OFFERINGS</th>
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<tbody>
<tr>
<td>MR MEDICAL RECORDS</td>
</tr>
<tr>
<td>MR 115 Introduction to Medical Records (3-0-3) (S). Principles of Medical Record Technology, the professional organizations, medical record practitioners, and the content of the hospital chart.</td>
</tr>
<tr>
<td>MR 201 Medical Records I (3-0-3) (F). Preparation, analysis, preservation and retrieval of health information. The value of this information to the patient, the doctor, and the community. Prerequisite: MR 115. Corequisite: MR 202.</td>
</tr>
<tr>
<td>MR 202 Medical Records I Laboratory (0-4-2) (F). Practice in the various methods of numbering, filing, and retrieving health records. Corequisite: MR 201.</td>
</tr>
<tr>
<td>MR 203 Medical Records II (3-0-3) (S). Quality assurance, computer applications, basic principles of surveilling and managing a medical record department. Prerequisite: MR 201. Corequisite: MR 204.</td>
</tr>
<tr>
<td>MR 204 Medical Records II Laboratory (0-4-2) (S). Observation of record keeping practices in non-hospital settings, as well as practice in quality assurance and computer activities. Corequisite: MR 203.</td>
</tr>
</tbody>
</table>
| MR 205 Health Data (3-0-3) (S). Collection and presentation of routine data for daily, monthly and annual hospital statistical reports. Formulas, preparation of birth certifica-
tes and abstracting data for the computer. Prerequisite: PERM/INST. |
| MR 207 Diagnostic and Operative Coding (3-9-3) (F). Principles and practice in coding diseases and operations according to International Classification. Other systems of coding and methods of indexing included. Prerequisite: PERM/INST. |
| MR 209 Health Record Transcription (0-4-2) (S). Machine transcription of histories, physical examinations, operations, and other medical dictation. Typing ability is re-
quired. Prerequisite: PHYS 121. |
| MR 215 Clinical Practice (S-2-3) (SU). During the summer following completion of all other program requirements, students spend 120 hours in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology. |

<table>
<thead>
<tr>
<th>RADIOLoGIC TECHNOLOGY PROGRAM</th>
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<tbody>
<tr>
<td>Student Health Bldg. Phone 208/385-1996</td>
</tr>
<tr>
<td>Director and Associate Professor: Duane Akroyd, RTR; Clinical Coordinator and Instructor: Rex Profit, RTR; Assistant Professors: Kraker, RTR; Craychee, RTR; Instructor: Munk, RTR; Adjunct Faculty: Champion, RTR; Crew, RTR; Hollingsworth, RTR; Advisory Board: Lyle Barnes, RT; Carolyn Beaman, RT; David Benjamin, MD; Cleo Chamberlain, RT; Charlie Charnock, RT; Dean Jacobsen, RT; Donald Rau, MD; Jan Sproat, RT.</td>
</tr>
<tr>
<td>To determine the presence of injury or disease, Radiologic technologists position patients and operate X-ray machines to produce diagnostic film (radiographs). Most technologists work in the Radiology Department of hospitals or with doctors who maintain private practices.</td>
</tr>
</tbody>
</table>

The Radiologic Technology Program in the Department of Allied Health Studies offers a curriculum utilizing both University and clinical components. This type of integrated program is needed so that students may gain the essential knowledge and skills required to become Radiologic Technologists.

The program has been granted full accreditation by the Commit-
tee on Allied Health Education and Accreditation of the American Medical Association. The curriculum will enable the student to complete the associate degree requirements and be eligible for the national certification examination. If desired, the student may continue on to the Baccalaureate degree.

<table>
<thead>
<tr>
<th>REQUIREMENTS FOR ADMISSION</th>
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<tbody>
<tr>
<td>A. Freshman Core Year</td>
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<td>1. See University Admission Policy</td>
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<th>FRESHMAN YEAR:</th>
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<tbody>
<tr>
<td>1ST SEM.</td>
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<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Human Anatomy &amp; Physiology Z 111, 112</td>
</tr>
<tr>
<td>Introduction to Allied Health H 100</td>
</tr>
<tr>
<td>Intermediate Algebra M 105</td>
</tr>
<tr>
<td>Medical Terminology H 100</td>
</tr>
<tr>
<td>Health Data MR 205</td>
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<tr>
<td>Elective (Area I)</td>
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<tr>
<th>SOPHOMORE YEAR:</th>
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<tbody>
<tr>
<td>Medical Records I MR 201, 202</td>
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<tr>
<td>Diagnostic and Operative Coding MR 207</td>
</tr>
<tr>
<td>Disease Conditions I H 211</td>
</tr>
<tr>
<td>Health Delivery Systems H 202</td>
</tr>
<tr>
<td>Elective (Area II)</td>
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<tr>
<td>SUM</td>
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</tbody>
</table>

After the successful completion of the professional year at BSU, students will have a three to four-week period of directed practice in one of several affiliated health facilities.

Clinical Practice MR 215 (Summer) 2
SCHOOL OF HEALTH SCIENCES

2. Health status must be adequate to insure successful performance of hospital activities.

APPLICATION PROCESS

A. Freshman Year
1. See University Requirements.

B. Sophomore Year
1. All students must fill out and return to the Radiologic Technology Program office a "Special Programs Application for the Department of Allied Health Studies" on or before March 1 of the year in which they plan to attend the sophomore year.
2. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.
3. Applicants are required to have an interview during the spring semester of the freshman year. Contact the program director for specific dates.

All students admitted to the Radiologic Technology Program are required to:
1. Submit a negative PPD plus a documented Rubella immunity report to the program by September of the year in which the student enters the Sophomore year.
2. Submit $65.00 as prepayment for student name pin, clinical insurance, radiation monitoring badges and markers. This is a one-time charge to be paid by June 15 of the year in which the student enters the Professional program.

PROMOTION AND GRADUATION

1. Students must maintain a GPA of at least 2.50 in professional courses for the first semester of the professional program. A GPA of less than the required may constitute removal from the program.
2. A grade of less than a C in any professional course (numbered H, RD) or clinical unit must be repeated and raised to a C or higher before continuing the program.

Suggested Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Human Anatomy &amp; Physiology Z 111, 112</td>
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<td>Medical Terminology H 101</td>
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<td>General Psychology P 101</td>
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<tr>
<td>Electives (Area I)</td>
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*Students transferring from other institutions may take this course in their first year at BSU if a similar course has not been available at their previous college.

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<tr>
<td>Clinical Practicum RD 211, 221</td>
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<tr>
<td>Radiographic Positioning RD 222</td>
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<td>Radiographic Techniques &amp; Control RD 226, 252</td>
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<td>Radiographic Physics PH 103, PH 104</td>
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<td>Intro to Radiologic Science RD 232</td>
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<tbody>
<tr>
<td>Clinical Practicum RD 311, 321</td>
</tr>
<tr>
<td>Radiographic Positioning III RD 316</td>
</tr>
<tr>
<td>Special Radiographic Procedures RD 360</td>
</tr>
</tbody>
</table>

1. See University Requirements.

2. Submit $65.00 as prepayment for student name pin, clinical insurance, radiation monitoring badges and markers. This is a one-time charge to be paid by June 15 of the year in which the student enters the Professional program.

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Suggested Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology Z 111, 112</td>
<td>4</td>
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</tr>
<tr>
<td>Medical Terminology H 101</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Essentials of Chemistry C 107</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Mathematics M 108</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>*Intro to Allied Health H 100</td>
<td>1</td>
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<tr>
<td>General Psychology P 101</td>
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</tr>
<tr>
<td>Electives (Area I)</td>
<td>15</td>
<td>17</td>
</tr>
</tbody>
</table>

*Students transferring from other institutions may take this course in their first year at BSU if a similar course has not been available at their previous college.

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Practicum RD 211, 221</td>
</tr>
<tr>
<td>Radiographic Positioning RD 222</td>
</tr>
<tr>
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</tr>
<tr>
<td>Radiographic Physics PH 103, PH 104</td>
</tr>
<tr>
<td>Electives (Area II)</td>
</tr>
<tr>
<td>Intro to Radiologic Science RD 232</td>
</tr>
<tr>
<td>Intro to Clinical Experience RD 238</td>
</tr>
<tr>
<td>Radiographic Positioning II RD 242</td>
</tr>
<tr>
<td>Clinical Experience RD 285</td>
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<tr>
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</table>

<table>
<thead>
<tr>
<th>SUMMER:</th>
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<tbody>
<tr>
<td>Clinical Experience RD 375</td>
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<tr>
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<tbody>
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</tbody>
</table>
SCHOOL OF HEALTH SCIENCES

Respiratory Therapy Program

2. Health status must be adequate to ensure successful performance of hospital activities.

C. All students admitted to the Respiratory Therapy Program are required to:

1. Submit $14.00 as prepayment for student name pin and clinical insurance. This is a one-time charge to be paid by May 28 of the year in which the student enters the professional program.

APPLICATION PROCESS

A. Preprofessional Year

1. See University Requirements.

B. Professional Program

1. All students must fill out and return to the Respiratory Therapy Program the "Special Programs Application for the Department of Allied Health Studies" or before March 1 of the year in which they plan to attend the professional program.

2. Applicants will be notified of their status by April 25. Due to the limited number of clinical sites, the program can accept only a limited number of students each year.

3. Applicants are required to have an interview during the spring semester of the preprofessional year. Contact the program director for specific dates.

PREPROFESSIONAL CURRICULUM

All students who are considering entry into the Respiratory Therapy Program must have completed or be in the process of completing the following preprofessional curriculum. The preprofessional curriculum need not be taken at BSU.

PREPROFESSIONAL (FRESHMAN) YEAR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Human Anatomy and Physiology</td>
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</tr>
<tr>
<td>Essentials of Chemistry C 107</td>
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<tr>
<td>Essentials of Chemistry Lab C 108</td>
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<td></td>
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<tr>
<td>Intermediate Algebra M 106</td>
<td>3</td>
<td></td>
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<tr>
<td>Medical Terminology H 101</td>
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PROMOTION AND GRADUATION

A. Professional Program

1. Students must maintain a GPA of at least 2.50 (in professional courses) for the first semester of the professional program. A GPA of less than that required may constitute removal from the program.

2. A grade of less than a C in any professional theory (numbered H, RT) or clinical unit must be repeated and raised to a C or higher.

3. Students who have completed all course requirements with a GPA of 2.35 or higher (during the professional program) qualify for graduation.

PROFESSIONAL CURRICULUM

FIRST PROFESSIONAL (SOPHOMORE) YEAR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Respiratory Therapy I RT 203</td>
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<td></td>
</tr>
<tr>
<td>Respiratory Therapy II RT 223</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Respiratory Therapy Lab I RT 204</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Respiratory Therapy Lab II RT 224</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Clinical Practicum I RT 208</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Clinical Practicum II RT 225</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Cardiopulmonary Physiology RT 201</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Respiratory Therapy Nursing Arts RT 207</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>General Pathology RT 209</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Emergency Procedures in Respiratory Care RT 213</td>
<td>1</td>
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</table>
### SCHOOL OF HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Electives (Area I, II)</th>
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<tbody>
<tr>
<td>Pulmonary Function Lecture RT 225</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pulmonary Function Laboratory RT 226</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pulmonary Medicine I RT 227</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Biophysics</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Microbiology</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**SUMMER:**

Electives (Area I, II) | 6 | 0  |

### SECOND PROFESSIONAL (JUNIOR) YEAR:

- Respiratory Therapy Theory III RT 303 | 2 | 0  |
- Respiratory Therapy Theory IV RT 323 | - | 2  |
- Respiratory Therapy Lab III RT 304 | 1 | - |
- Respiratory Therapy Lab IV RT 324 | - | 1  |
- Clinical Practicum III RT 308 | 4 | - |
- Clinical Practicum IV RT 329 | - | 6  |
- Radiologic Studies of the Respiratory System RT 305 | 1 | - |
- Pulmonary Medicine II RT 327 | 3 | - |
- Respiratory Cardiology RT 307 | 2 | - |
- Professional Seminar RT 398 | 4 | - |
- Principles of Pharmacotherapeutics RT 301 | 3 | - |

### COURSE OFFERINGS

#### RT RESPIRATORY THERAPY

<table>
<thead>
<tr>
<th>Lower Division</th>
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</thead>
<tbody>
<tr>
<td>RT 201 Respiratory Therapy Cardiopulmonary Physiology</td>
</tr>
<tr>
<td>RT 203 Respiratory Therapy Theory I</td>
</tr>
<tr>
<td>RT 204 Respiratory Therapy Laboratory I</td>
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<td>RT 208 Clinical Practicum I</td>
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<tr>
<td>RT 209 General Pathology</td>
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<tr>
<td>RT 213 Emergency Procedures in Respiratory Care</td>
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<tr>
<td>RT 223 Respiratory Therapy Theory II</td>
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<tr>
<td>RT 224 Respiratory Therapy Laboratory II</td>
</tr>
<tr>
<td>RT 225 Pulmonary Function Lecture</td>
</tr>
<tr>
<td>RT 226 Pulmonary Function Laboratory</td>
</tr>
<tr>
<td>RT 227 Pulmonary Medicine I</td>
</tr>
<tr>
<td>RT 228 Clinical Practicum II</td>
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</table>

<table>
<thead>
<tr>
<th>Upper Division</th>
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<tbody>
<tr>
<td>RT 301 Principles of Pharmacotherapeutics</td>
</tr>
<tr>
<td>RT 303 Respiratory Therapy Theory III</td>
</tr>
<tr>
<td>RT 304 Respiratory Therapy Laboratory III</td>
</tr>
<tr>
<td>RT 305 Radiologic Studies of the Respiratory System</td>
</tr>
<tr>
<td>RT 307 Respiratory Cardiology</td>
</tr>
</tbody>
</table>

### DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH

Science Bldg, Room 110  
Phone 208/385-3929  
Chairman and Associate Professor: Dr. Eldon Edmundson  

Students in this department study general aspects of human health which are affected by personal, social, and environmental conditions and interaction. Personal health conditions, the interpersonal relationships between personal health and environmental conditions, and existing and future community health programs are all considered.

The Department of Community and Environmental Health offers Baccalaureate of Science degrees in Environmental Health and in General Health Sciences, and a non-degree program in Pre-Dietetics.

Career opportunities for graduates are as follows:

- **Environmental Health:**
  - Employment with public health agencies
  - Employment with industries
  - Employment with local planning and zoning agencies
  - Attend graduate school in various science disciplines
  - Attend a professional school in Medicine or other health discipline.

- **General Health Sciences:**
  - Employment with public health planning agencies
  - Attend graduate school in various science disciplines
  - Attend a health professional school in Medicine or other health discipline.

- **Attend Medical Technology school.**

Faculty in the department also advise students who are interested in a health care career but have not yet decided which discipline to enter.

The Department of Community and Environmental Health is affiliated with local, state and federal health agencies throughout the State in order to provide field training.

### ENVIRONMENTAL HEALTH

Advisor: Edmundson.

Environmental Health Specialists play an important role in assisting communities to insure a healthful environment. Specific activities may include helping private businesses and public agencies maintain sanitary conditions in food establishments, in recreational facilities, and in public and private water supplies.
Other activities may include assisting communities in properly disposing of solid wastes, controlling undesirable rodent and insect populations, minimizing air, water, and noise pollution, and controlling occupational hazards.

The Environmental Health curriculum provides a broad background in understanding public health problems and in working with people effectively to arrive at solutions to these problems. During the first two years students take general education courses. These may be taken at BSU or at other accredited colleges or universities, with transfer to BSU for the junior and senior years. Students must also spend twenty hours with environmental health agencies prior to beginning their upper level Environmental Health courses.

BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH DEGREE

A. General Requirements (30 Credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>6</td>
</tr>
<tr>
<td>Electives (Area I)</td>
<td>12</td>
</tr>
<tr>
<td>Psychology P 101</td>
<td>3</td>
</tr>
<tr>
<td>Sociology S 101</td>
<td>3</td>
</tr>
<tr>
<td>Speech CM 111</td>
<td>3</td>
</tr>
<tr>
<td>Sociology, Psychology or Comm.</td>
<td>3</td>
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</table>

B. Professional Requirements

<table>
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<tr>
<th>Science (57 Credits)</th>
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<tbody>
<tr>
<td>College Chemistry C 131-134</td>
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<tr>
<td>Organic Chemistry C 318-319</td>
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<tr>
<td>Cell Biology B 225</td>
<td>3</td>
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<tr>
<td>Mathematics</td>
<td>10</td>
</tr>
<tr>
<td>General Physics PH 101-102</td>
<td>8</td>
</tr>
<tr>
<td>Bacteriology B 303</td>
<td>5</td>
</tr>
<tr>
<td>Botany / Zoology BT 130, Z 130</td>
<td>9</td>
</tr>
<tr>
<td>Applied &amp; Environmental Microbiology B 415-416</td>
<td>4</td>
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<tr>
<td>Entomology Z 305</td>
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Health Sciences (24 Credits):

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Water Supply and Water Quality Management EH 310</td>
<td>3</td>
</tr>
<tr>
<td>Air Quality Management EH 350</td>
<td>2</td>
</tr>
<tr>
<td>Community Environmental Health Management EH 320</td>
<td>3</td>
</tr>
<tr>
<td>Public Health Administration H 304</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Health Legislation EH 435</td>
<td>2</td>
</tr>
<tr>
<td>Public Health Field Training EH 350</td>
<td>4</td>
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<tr>
<td>Occupational Safety and Health EH 415</td>
<td>3</td>
</tr>
<tr>
<td>Epidemiology H 480</td>
<td>3</td>
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<td>Environmental Health Practicum EH 180</td>
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Other (3 Credits):

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Technical Writing E 202</td>
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C. Suggested Electives (14 Credits):

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Pathogenic Bacteriology B 310</td>
<td>4</td>
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<tr>
<td>Human Physiology Z 401</td>
<td>4</td>
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<tr>
<td>Economics EC 201, 219</td>
<td>3</td>
</tr>
<tr>
<td>Bioecology B 423</td>
<td>4</td>
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<tr>
<td>Parasitology B 412</td>
<td>4</td>
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<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
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<tr>
<td>Physical Geology GO 101</td>
<td>4</td>
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<tr>
<td>State and Local Government PO 102</td>
<td>3</td>
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<tr>
<td>Statistics M 361</td>
<td>3</td>
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<tr>
<td>American National Government PO 103</td>
<td>3</td>
</tr>
<tr>
<td>Data Processing DP 210</td>
<td>3</td>
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<tr>
<td>Environmental Health Seminar H 490</td>
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<tr>
<td>Communication In the Small Group C 251</td>
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<td>Area Core II Requirements</td>
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<td>Electives</td>
<td>3 or 5</td>
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<tr>
<td>Health Science Requirements</td>
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<tr>
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SUMMER BETWEEN JUNIOR AND SENIOR YEAR:

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<th>Course</th>
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<tbody>
<tr>
<td>Public Health Field Training EH 350</td>
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SENIOR YEAR:

<table>
<thead>
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<tr>
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<td>Electives</td>
<td>6 or 3</td>
</tr>
</tbody>
</table>

COURSE OFFERINGS

EH ENVIRONMENTAL HEALTH

EH 180 Environmental Health Practicum (0-V-1) (FS). Field observations in public health agencies. Requires a minimum 20 hours in the field and periodic seminars with a university instructor. Required for all environmental health majors.

EH 210 Water Quality Management (3-3-3) (F). Engineering, biological and management principles of community water supply and water pollution control. Prerequisite: Microbiology, Chemistry 131-134, one year Mathematics, Upper Division status. Even-numbered years.

EH 220 Environmental Health Management (2-3-3) (F). Sanitation and management practices for community problems dealing with solid waste disposal, vector control, food and milk protection, swimming pools, and recreation activities. Prerequisite: Botany, Zoology, Chemistry 131-134, one year Mathematics and Upper Division standing. Odd-numbered years.

EH 350 Public Health Field Training (0-V-4) (SU). Six weeks field study of public health problems, regulations, inspections, and agency programs. Students required to conduct detailed field project. Prerequisite: six credits in Environmental Health courses.

EH 380 Air Quality Management (3-2-2) (F). Chemical, engineering and management principles of community and industrial air quality control. Prerequisite: Organic Chemistry or concurrent enrollment. Odd-numbered years.

EH 415 Occupational Safety and Health (3-3-3) (S). Recognition, evaluation and control of environmental health hazards or stresses (chemical, physical, biological) that may cause sickness, impair health, or cause significant discomfort to employees or residents of the community. Prerequisite: Physics 191-102 and Organic Chemistry or concurrent enrollment. Even-numbered years.

EH 435 Environmental Health Legislation (2-2-2) (S). A study of environmental legislation, the implementation and enforcement of such laws, and specific duties of the employee regarding selected sections of the law. Prerequisite: Upper Division standing in science related field or PERMIT/INST. Odd-numbered years.

HEALTH SCIENCE STUDIES

Advisors: Edmundson, Long, Seddon.

The Bachelor of Science degree in Health Science Studies provides a curriculum for students who wish to gain an education in Health Science Studies as a foundation for additional professional or graduate work in several health science professions, (For example: Medicine, Dentistry, Hospital Administration, Medical Technology). Undecided Health Science majors can use the curriculum to obtain the beginning courses until they decide on a major. Those students should work closely with their advisor to ensure that proper beginning courses are taken to meet these other degree requirements.

BACHELOR OF SCIENCE IN HEALTH SCIENCE STUDIES

1. Requirements: (79 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>6</td>
</tr>
</tbody>
</table>

| Area Core I Requirements      | 12      |
| Area Core II Requirements     | 12      |
SCHOOL OF HEALTH SCIENCES

118

SENIOR YEAR:

Free Electives

4. Free Electives (6 courses, 22-23 credits)

General Physics PH 101-102 OR
Biophysics PH 207
Histology Z 400
Quantitative Analysis with Laboratory C 211-212

**Pathogenic Bacteriology B 310
Vertebrate Embryology Z 351
Parasitology B 412
Comparative Anatomy Z 301
Physical Chemistry C 321-324.
Mathematics M 204
Organic Chemistry C 318-320

3. Health Science Electives (4 courses, 11-13 credits)

Medical Terminology H 101
Drugs: Use & Abuse H 109
Disease Conditions I & II H 211-212

**Chronic Illnesses H 205
Legal Concepts for Health Practice H 210
Pathophysiology H 300
Public Health Administration H 304
Applied Pharmacotherapeutics H 306

Human Sexuality for Health Professionals H 313
Medical Economics and Finance H 405
Epidemiology H 480
Preprofessional Internship H 493

Free Electives (13-16 credits)

*Students who intend to apply to colleges of Medicine, Dentistry or Veterinary Medicine should consider taking the second semester of organic chemistry (C 318, 320), and mathematics through Calculus (M 111 and M 204).

**Students who intend to apply to schools of Medical Technology should take Pathogenic Bacteriology. The second semester of Biochemistry is suggested for these students.

Suggested Program

1ST SEM. 2ND SEM.

FRESHMAN YEAR:

English Composition E 101-102 3 3
College Chemistry C 131, 132, 133, 134 5 5
Mathematics M 111, M 204 5 5
Electives (Area I) 3 3

15 16

SOPHOMORE YEAR:

Botany B 130 4
Zoology Z 130 5
Science Elective 4 4
Health Delivery Systems H 202 3 3
Electives (Area I) 3 3
Elective (Area II) 3 3

17 18

JUNIOR YEAR:

Organic Chemistry C 317-320 5 5
Free Electives 3 3
Health Science Electives 3 3
Cell Biology B 225
Science Electives (Area I) 3 3

14 17

SENIOR YEAR:

Bacteriology B 303 5
Physiology Z 401 or 409 7 3
Science Electives 3 3

Immunology Free Electives

COURSE OFFERINGS

H HEALTH SCIENCES

LOWER DIVISION

101 Introduction to Allied Health (1-0-1) (F). Various allied health disciplines and their clinical functions are discussed. Information on basic educational requirements, opportunities for advancement in health care delivery. Lectures by allied health faculty and guest speakers from the community. Orientation to allied health care in clinical facilities.

102 Medical Terminology (3-0-3) (FS). An introduction to Greek and Latin prefixes, roots and suffixes used in medical terminology, as well as in the study of anatomy, physiology, and pathological terms according to systems of the body. Recommended as a beginning course for those with little or no biology background.

109 Drugs: Use and Abuse (3-0-3) (S). An introductory course which deals with the basic medical, social and psychopharmacological considerations related to the use of therapeutic and nontherapeutic (recreational) drugs. Even-numbered years.

302 Health Delivery Systems (3-0-3) (F). Consideration of processes, professionals, politics, programs, laws and institutions which are involved in the maintenance of health and treatment of disease.

205 Chronic Illness: Impact and Outcome (3-0-3) (S). Introduction to the medical and psychosocial dimensions of chronic illness, using cancer as a prototype. Prerequisite: Sophomore standing or PERM/INST.

207 Nutrition (3-0-3). Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed.

208 Principles of Food Preparation (2-6-4) (F). Interrelationships of the nutritive value of foods, principles of food preparation, and the human body. Approved techniques of food preparation to retain nutrients and enhance palatability and safety and sanitary practices, and food management will be stressed. Prerequisite or Corequisite: H 207.

210 Basic Legal Concepts for Health Practitioners (3-0-3) (S). Designed to acquaint students preparing for careers in nursing, allied health, or related health service professions with a knowledge of basic legal concepts which are essential for safe and responsible health care practice.

211-212 Disease Conditions I & II (3-0-3) (FS). Introduction to the general principles of disease. Etiology, signs, symptoms, treatment and management of diseases that affect individual organs in the various body systems. Prerequisite: H 101. Sequence beginning fall semester.

218 Environmental Health Colloquium (1-0-1) (FS). A discussion of environmental health management problems and concepts. Special emphasis on why problems occur and ways to develop community support in solving problems. May be repeated once for credit.

UPPER DIVISION

300 Pathophysiology (4-0-4) (F). Emphasis on dynamic aspects of human disease. Disruption of normal physiological and alterations, derangements, and mechanisms involved. Prerequisite: C 107-110 or equivalent and C 111-112 or equivalent.

304 Public Health Administration (3-0-3) (F). Functions of local, state and federal health agencies, and factors which have an impact on agency programs. Prerequisite: Upper division standing and health science major or PERM/INST.

306 Applied Pharmacotherapeutics (3-0-3) (S). Emphasis on use of drugs in relation to health and illness in any setting, on legal aspects, and on patient education. Students will be expected to use prerequisite information in pathophysiology to study drugs and their inter-system relationships. Prerequisite: H 300, 4-8 credits each of Chemistry and Human A & P; clinical background as a health student or professional.

310 Methods in Clinical Laboratory Science (2-3-3) (F/S). Interdisciplinary course in basic laboratory procedures used in a primary care setting. Clinical significance of tests in relation to disease processes is stressed. Lectures/clinical practice in lab enable students to learn accurate techniques and become clinically competent to perform and interpret selected laboratory procedures. Prerequisite: H 300, PERM/INST.

311 Human Sexuality for Health Professionals (3-0-3) (F). For students in variety of health related areas. Emphasis on biological, sociological aspects of sexuality. Value systems examined in relation to delivery of effective, holistic health care by individual providers and by the total health care delivery system. Prerequisite: Health-related professional or PERM/INST. Even-numbered years.

405 Medical Economics and Finance (3-0-3) (F). Introduction to the economics and financing of health care and health care agencies. Odd numbered years.

406 Principles of Education in Health Sciences (3-0-3) (S). Introduces the student to the concepts and practical applications of educational theory as applied to health occupations. The techniques of the course will examine preservice health education, in-service education, continuing education, and community health education.

408 Epidemiology (3-0-3) (S). Study of the distribution of disease or physiological conditions of humans, and of factors which influence this distribution. Prerequisite: Upper division status, health science major or PERM/INST; statistics desirable. Even-numbered years.

489 Professional Internship (1-3-2) (FS). Three hours of internship in a clinical setting under direction of a preceptor who is a practicing professional. Student keeps a record of experiences and discusses them at a weekly one-hour seminar. Prerequisite: H 208. Upper division standing, cumulative GPA above 3.25, recommendation of faculty advisor; consent of instructor.
Science in Nursing Degree. The Department also offers a two-year, upper division curriculum for an integral unit of the total University. Students enrolled in nursing young.

2.75 GPA or better earned in those college courses, provided college credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 70th percentile rating.

English Composition E 101-102.
Human Anatomy & Physiology Z 111, 112.
Psychology P 101.
Sociology SO 101.
Physical Education Activity.

FRESHMAN YEAR:
1st SEM.
English Composition E 101-102.
Human Anatomy & Physiology Z 111, 112.
Psychology P 101.
Sociology SO 101.
Physical Education Activity.

Department Chairman/Director of Baccalaureate Nursing Program:
Science-Education Bldg., Rm 111
Phone 208/385-3900

Associate Professor: Mildred Wade; Project Director, Continuing Education in Nursing; Inger Lindholm; Associate Professors: Farhoun, Fleming, Fountaun, Matson, Penner, Taylor, Wilcox; Assistant Professors: Baker, Carpenter, Hart, Job, Johnson, Lynch; Instructors: Brudenell, Eno, Jablonski, Peterson, Wimmer, Wise; Advisory Board: JoAnna DeMeyer, Gene Hansen, Dorothy Krawczyk, Laura Larson, Jacqueline Mason, Katherine Nelson, Mary Nelson, Celeste Rush, Ellen Smith, Bonnie J. Sumter, Ann Young.

INTRODUCTION
The Boise State University Department of Nursing operates as an integral unit of the total University. Students enrolled in nursing classes and socialize with students in various other fields of study on campus.

The Department conducts a two-year, lower division curriculum leading to an Associate of Science in Nursing Degree. This program prepares students to write the National Council Licensure Examination for initial licensure as a Registered Nurse. The Department also offers a two-year, upper division curriculum for RN's to continue academic study and to obtain a Bachelor of Science in Nursing Degree.

ASSOCIATE DEGREE IN NURSING

SCHOOL OF HEALTH SCIENCES

PHILOSOPHY
The current system of health care delivery requires associate as well as baccalaureate degree-prepared practitioners of nursing. Each of these two groups contributes to meeting the nursing and health care needs of man. The associate degree-prepared nurse functions primarily in a dependent role while the baccalaureate-prepared nurse functions primarily in an independent role. Both levels of nursing personnel function as interdependent members of the health care team.

It is recognized that a number of graduates from diploma and associate degree programs in nursing do change career goals. Therefore, a baccalaureate level education program in nursing is deemed essential to support this change.

LOWER DIVISION ASSOCIATE DEGREE

This program prepares individuals to function at a beginning level in giving care to patients. Nursing courses include theory and clinical laboratory experiences, primarily in hospitals and other acute care settings. In the clinical component of each nursing course, one credit hour represents three hours of clinical and/or campus laboratory time. During the freshman year, there is an average weekly number of nine to twelve clinical practice hours and during the sophomore year, twelve to fourteen hours per week, which may be scheduled days, afternoons, or evenings, between the hours of 6:30 a.m. and 11:30 p.m.

The program is approved by the Idaho Board of Nursing and accredited by the National League for Nursing. The graduate is eligible to write the National Council Licensure Examination to become a Registered Nurse (R.N.).

PHILOSOPHY
The associate degree-prepared nurse primarily performs in formally organized health care agencies providing direct care for individuals with identified health problems whose nursing needs fall within prescribed standards of care. The associate degree graduate is expected to seek guidance from supervisory personnel in making decisions concerning complex nursing situations and in making referrals to other health agencies.

The curriculum includes courses in general education as well as nursing. General education courses provide support knowledge for nursing courses. The nursing courses utilize the nursing process as a system of learning. Content is focused on the identified basic health needs of all individuals. A planned program of clinical practice in health-care agencies is the major learning experience in the application of theoretical content and in the development of clinical nursing skills.

ADMISSION REQUIREMENTS

Students enter the Associate Degree Nursing Program in the fall semester. The number of students admitted each year depends upon the availability of personnel and clinical resources in the community.

Applicants must meet the general University requirements as well as the stated requirements for the Associate Degree Nursing Program in one of the categories listed below:

1. High school graduates will be considered for admission on the basis of ACT or SAT scores and a GPA of 2.75 or above at the completion of the 7th semester of high school.

   ACT: A composite standard score of not less than 20, plus a 70th percentile rating.
   OR
   SAT: Total score of at least 888.

2. College students who have earned a minimum of 12 semester college credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 2.75 GPA or better earned in those college courses, provided the applicant has earned a grade of "C" or better in any general education courses required in the Associate Degree Nursing Program.

3. Transfer students from other colleges (AD or BS) schools of nursing to the Associate Degree Nursing Program at BSU are...
SCHOOL OF HEALTH SCIENCES

required to submit applications and meet the admission requirements according to the appropriate category and standards as outlined in paragraphs 1 and 2 above. In addition, a recommendation from the applicant's previous school of nursing is required. Admission is always dependent upon availability of space in the courses the applicant's need for completion of the program.

4. Licensed practical nurses and diploma school of nursing transfer students may apply for advanced placement as sophomore nursing students by meeting the following criteria:
   a. submit an official record of practical nursing education,
   b. submit current evidence of licensure (L.P.N.),
   c. complete N 114, Orientation to Associate Degree Nursing, during the fall semester of the year prior to the year of planned enrollment in the sophomore nursing courses,
   d. complete all freshman general education courses which are prerequisites to sophomore nursing courses with a GPA of 2.75 or better as well as a grade of C or better in required general education courses,
   e. pass the required ACT proficiency exams with a score of 45 or better:
      1. Nursing Health Care
      2. Commonalities in Nursing I
      3. Commonalities in Nursing II
      4. Maternal Child Nursing—Associate Degree Level
   f. pass the freshman level clinical performance evaluation given during the spring semester only.

APPLICATION PROCESS

1. Make application for admission to BSU and the Department of Nursing, Associate of Science in Nursing Degree Program. Both application forms are available in the Administration Building, Room 101.

2. Submit an official high school transcript or GED test score (50 or above), ACT or SAT scores, and official transcripts of all previous college work. LPN's applying for advanced placement must also submitting evidence of previous education as well as of current licensure. This evidence must be received by the Admission Office prior to March 1 preceding the fall in which enrollment is planned.

3. Complete all application requirements during the period of September 1 to March 1 prior to the date of anticipated enrollment in nursing courses.

4. Late applications will be accepted only if space is still available in the nursing program. Following acceptance into the ADN program, all applicants must:
   1. Submit a statement from a physician that the applicant meets the requirements of being an active and a successful student in the school of nursing.
   2. Submit current evidence of licensure.
   3. Submit N 114, Orientation to Associate Degree Nursing, during the fall semester of the year prior to the year of planned enrollment in the sophomore nursing courses.
   4. Complete all freshman general education courses which are prerequisites to sophomore nursing courses with a GPA of 2.75 or better as well as a grade of C or better in required general education courses.
   5. Pass the required ACT proficiency exams with a score of 45 or better:
      1. Nursing Health Care
      2. Commonalities in Nursing I
      3. Commonalities in Nursing II
      4. Maternal Child Nursing—Associate Degree Level
   6. Pass the freshman level clinical performance evaluation given during the spring semester only.

FIRST YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>Essentials of Chemistry C 107-108</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition H 207</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Human Anatomy and Physiology Z 111-112</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology P 101</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Basic Health Needs N 140-141</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Basic Health Needs N 150-151, 160-161</td>
<td>4</td>
<td>8</td>
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*Pre or Co-requisite to First Year Nursing Courses

SECOND YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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</thead>
<tbody>
<tr>
<td>Microbiology B 205</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology SO 101</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Deviations from Basic Health N 220-221, 230-231, 240-241, 250-251</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Nursing Seminar N 280-290</td>
<td>1</td>
<td>1</td>
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<td>16</td>
<td>15</td>
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PART-TIME NURSING STUDENT

(Suggested for those students who do not have a strong background in High School Sciences and/or who plan to work part time).

FIRST YEAR:

<table>
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<tr>
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<td>General Psychology P 101</td>
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<td>4</td>
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<tr>
<td>Nutrition H 207</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Microbiology B 205</td>
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SECOND YEAR:

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<tr>
<th>Course</th>
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<th>2ND SEM.</th>
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<tr>
<td>Basic Health Needs N 140-141</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Basic Health Needs N 150-151, 160-161, 170-171</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>English Composition E 101-102</td>
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THIRD YEAR:

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<th>Course</th>
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<tr>
<td>Deviations from Basic Health N 220-221, 230-231, 240-241, 250-251</td>
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<tr>
<td>Introduction to Sociology SO 101</td>
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<tr>
<td>Nursing Seminar N 280-290</td>
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<td>1</td>
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<td></td>
<td>12</td>
<td>9</td>
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ADVICEMENT

The Associate of Science Degree may be completed in 4 semesters as shown above, however, students’ needs and goals may indicate a 3 year approach to the program. Advisement, therefore, is essential and it is the student’s responsibility to seek faculty assistance.

UPPER DIVISION

BACCALAUREATE DEGREE

DESCRIPTION

This program has two major purposes:

1. To provide the base for graduate study in nursing.
2. To provide the base for graduate study in nursing.

This program is limited to registered nurses graduated from associate degree or diploma schools of nursing who meet admission requirements.

Graduates are awarded the Bachelor of Science degree with a major in Nursing and will be prepared for independent, collaborative, and leadership responsibilities in the delivery of health care services. Graduates are prepared for first-level positions in community health nursing. The program is approved by the Idaho State Board of Nursing and accredited by the National League for Nursing.
PHILOSOPHY

Professional nursing education includes both general education and nursing components. General education components provide knowledge of the Humanities, Social, and Physical Sciences. The curriculum focuses on dynamic states of health as well as illness of individuals, families, and the community and on designing alternatives in coping with changes in that status. Further, the professional nursing curriculum promotes refinement and development of nursing practice through utilization and evaluation of nursing research, as well as by employment of theoretical and empirical knowledge derived from general education. This curriculum facilitates the development of collegiality, collaboration and consumer advocacy.

Professional nursing emphasizes the promotion and restoration of health and the prevention of illness through utilization of the nursing process. This process includes activities of assessment, planning, intervention and evaluation in health care delivery. In applying nursing process, the professional nurse demonstrates the art of clinical judgment — the capacity to think critically as a basis for selection, implementation and evaluation of strategies to meet health care needs of individuals, families, and the community. The professional nurse is prepared to provide health care services ranging from simple to complex for individuals, families and groups of all ages and in a wide variety of settings. The professional nurse understands the dynamics of small and large groups and utilizes communication skills which facilitate effective functioning.

The current demand for improved health care requires the professionally prepared nurse. This individual must be able to: (1) accept responsibility and accountability for his/her own actions; (2) critically analyze and respond to emerging scientific and humanistic advances in knowledge and the potential for implementation in the health care delivery system; and (3) participate in identifying health care trends, predicting health care needs in a changing society, and in developing new nursing roles and strategies for meeting those needs.

PRE-ENTRANCE ADVISEMENT

Potential applicants should contact the program office to obtain advisement as far in advance of their application date as is possible. Revision of admission qualifications or application procedures, as well as year-to-year variations in the scheduling of courses, will have implications for the potential student's academic plans. By establishing early contact with the program advisors, the potential student will be kept advised of such changes so that the student is able to plan more effectively to ensure eligibility for admission by the date which the potential student desires.

The potential student must take the initiative for contacting a program advisor. This is best done immediately following the initial request to the Admissions Office for information about the program. During the time when the student is attempting to qualify for admission, the program advisor will provide academic advisement. Candidates for admission who fail to utilize this service, or who apply too late to receive pre-entrance advisement, run the risk of discovering that they have not completely qualified for admission by the date which they have chosen.

ADMISSION, APPLICATION AND ENROLLMENT

To qualify for admission, applicants must:

1. Possess current license as a registered nurse and secure Idaho licensure prior to enrollment in upper division nursing courses.

2. Have maintained a GPA of 2.75 or better in 37-41 semester credits in general education courses, including the following:
   a. English Composition E 101-102 3 or 6
   b. Microbiology B 207 3
   c. Nutrition H 207 3
   d. Behavioral Science (Area II) P 101, SO 101 6
   e. Humanities (Area I) 6
   g. Human Anatomy and Physiology Z 111-112 8

3. Have passed the required theoretical and clinical nursing tests (information on these tests is available from the Baccalaureate Program Office).

To apply for admission, the applicant must:

1. Request from the Admission Office an application to the University (if not previously admitted) and the special application form for the Baccalaureate Nursing Program.

2. Have completed the following actions by March 1, preceding the fall semester in which enrollment in upper division nursing courses is planned:
   a. Return completed application forms to the Admissions Office.
   b. Submit transcripts from all institutions of higher education which candidate has attended. It may take 6-8 weeks for transcripts to be processed and mailed so adequate time should be allowed. Graduates of diploma schools of nursing who took college courses in conjunction with their nursing program must submit transcript(s) from college(s) attended. The nursing school transcript, even though it lists such courses, cannot be used as an official record of courses completed in institutions of higher education.
   c. Have taken, or applied to take, any required nursing tests as described under Item 3, Qualification for Admission.

To qualify for enrollment, the candidate must:

1. Return the form indicating intent to enroll. This form is sent to the candidate when he/she is notified of acceptance in late April or early May. Failure to complete and return the form by the required date will result in removal of the candidate’s name from the listing of students to be admitted that fall.

2. Arrange to attend an orientation session usually lasting half a day and scheduled immediately prior to registration for the fall semester. Accepted students will be notified not later than May 31st regarding the time and place of this meeting. The Baccalaureate Program Student Handbook will be distributed at this meeting.

3. Secure malpractice insurance so that insurance is in force prior to enrollment in any nursing courses with a clinical practical.
   a. For full-time students, insurance will be needed at the beginning of the spring semester of the junior year and thereafter throughout the program.
   b. For students who plan to complete the junior year on a part-time basis, insurance will not be needed until the spring semester of the second year of enrollment and thereafter throughout the program.

Failure to have the necessary insurance in force at the time it is required will render the student ineligible to enroll in any nursing course with a clinical practical. This will almost certainly result in delaying anticipated graduation. Information concerning sources of malpractice insurance will be provided at the orientation meeting held immediately prior to registration for the fall semester of the junior year.

4. Have completed all requirements for admission prior to entering the first semester of the nursing program in the fall. This regulation applies to candidates who are given conditional admission, pending completion of requirements.

General information regarding admission, application and enrollment:

1. Candidates should apply by the March 1 deadline even if they have course work to complete prior to their anticipated enrollment in the fall semester of that year. If it appears that they will have completed requirements in time for fall enrollment, then a conditional admission will be granted, pending completion of requirements by the time of anticipated enrollment.

2. Late applications will be accepted if vacancies still exist in the class to be admitted. Such applications will be considered in the order in which they are received by the Director of the Baccalaureate Nursing Program.

3. Enrollment is regulated according to available faculty, clinical facilities and other resources. If more fully qualified can-
didates have applied by March 1 than can be admitted, those
candidates will be ranked according to the GPA and admission
will be granted in order to those with the higher GPA.
Remaining fully qualified applicants will be placed on a
waiting list. As vacancies occur in the list of admitted
students, the next candidate on the waiting list will be
granted admission. Conditionally qualified applicants will be
considered for admission only if all candidates who are
fully qualified by March 1 have been admitted.

4. Candidates are not required to have had a specified period of work experience; however, they are strongly advised to have
had one year of nursing practice within the two-year period immediately preceding anticipated enrollment in the Baccalaureate Nursing Program. General staff nursing practice is
recommended for those who have recently obtained licensure or who have not been actively engaged in nursing during
the two years immediately preceding anticipated enrollment.

5. Students are expected to provide their own transportation to
clinical agencies when enrolled in a nursing course with a
clinical practicum. For full-time students this will begin in the
spring of the junior year and continue throughout the re-
mainder of the program. For students who take the junior
year on a part-time basis, this will begin in the second spring
semester of enrollment in the nursing program and continue throughout the remainder of the program.

PROGRESSION AND GRADUATION

In order to progress through the program and qualify for graduation, students must meet all University requirements for the BS degree as well as the requirements for the nursing major, including required support courses. A GPA of 2.75 or better must be maintained and all nursing and support courses must be completed with a grade of C or better. Students may repeat, once only, theory and simulated practicum courses in nursing and required support courses. The clinical practicum of any nursing course may not be repeated if a grade of D or F was earned.

Students whose GPA falls below 2.75 or who receive less than a
C in theoretical and simulated practicum courses in nursing or in required support courses may be eligible for academic probation. Probation for one semester only will be considered by the faculty if, in their opinion, probation is warranted based upon the individual student’s circumstances. Failure to achieve the required grade or GPA by the end of the one probationary semester automatically disqualifies the student from further study in the Baccalaureate Nursing Program. Probation will be granted only once. In cases which require probation for a year because the necessary course is not available in the semester immediately following that in which the academic deficiency was incurred, faculty may grant probation for that period of time; however, the student may be required to delay progression in the nursing curriculum until the deficiency has been removed.

Ordinarily, the full-time student who carries 15-16 credits per semester can anticipate completing the program in two years. Depending upon the availability of courses when needed, attendance at summer school may be necessary in some cases to complete core curriculum requirements in Areas I, II, III as specified by the University.

In order to maintain the educational quality of the program and to protect students from losing credits as a result of changes in curriculum, academic policies, part-time students are subject to some regulations as follows:

1. They must complete degree requirements within four
years from the initial enrollment in 300 level nursing courses.
2. They must maintain continuous enrollment in nursing
courses for both fall and spring semesters.
3. They must follow the prescribed sequencing of nursing
courses for part-time students.
4. All 300 level nursing and required support courses must be completed before enrollment in any 400 level nursing courses.

A waiver of any one of these regulations may be granted, upon petition to the faculty, for appropriate reasons such as, but not
restricted to, illness, academic probation, and family emergencies. The faculty advisor will assist students to prepare petitions.

Progression in the program is carefully monitored by faculty advisors. Each student who is admitted to the program is given an
assigned advisor and the student is expected to confer with this
advisor at least once a semester in order to evaluate his/her prog-
ress in the program and to plan registration for the next semester. Advisors are also available to students for general academic counseling during fall and spring semesters. Office hours are posted on each faculty member’s door.

The assigned advisor is the first person a student should con-
sult regarding problems relevant to progress in the baccalaureate nursing curriculum. If the advisor is unable to help the student resolve a problem, the advisor will refer the student to another
resource person. The advisor and student share the responsibility
for monitoring the student’s progression in the program so that graduation requirements are met.

Further information can be obtained by writing to: Baccalaureate Nursing Program in Nursing, Boise State University, 1910 University Drive, Boise, ID 83725, Phone (208) 385-1767.

CURRICULUM

This section contains programs for both full-time and part-time students, as well as course descriptions. Full-time students
should be able to complete the program in two years. Students who attend part-time throughout their entire program should com-
plete the curriculum in four academic years and the sequence
given for nursing and required support courses must be followed. Students who wish to attend full-time for one year and part-time
for another year must follow the required sequence for nursing courses when attending part-time. All 300 level nursing and re-
quired support courses must be completed before 400 level nurs-
ing courses may be taken.

FULL-TIME STUDENT
(Suggested Program)

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### PART-TIME STUDENT
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### COURSE OFFERINGS

**N NURSING**

N 114 Orientation to Associate Degree Nursing for Advanced Placement Student (1-0-1) (F). Required for LPNs who wish to challenge freshman level AD nursing courses. Focuses on the necessary changes in role from LPN to RN and the theoretical basis of nursing practice.

N 140-141 Introduction to Basic Health Needs (2-0-2) (0-6-2) (F) 8 week unit. Introduces nursing process and seven basic health needs for oxygen, nutrition, elimination, activity, mental health, safety and comfort, as a basis for providing nursing care. Opportunity is provided to develop beginning skills. Prerequisite: Admission to nursing major.

N 150-151, 160-161, 170-171 Basic Health Needs (2-0-2) (0-6-2) 8 week units. Nursing process is utilized to meet basic health needs as related to health care. Emphasis on assessment of health status of all ages in hospitals and health agencies. Opportunity is provided to develop skills in providing nursing care. Prerequisite: N 140-141. May be taken in any sequence.

N 251 Nursing Practicum (0-2-2). This elective course provides a concentrated period of clinical experiences in health care agencies for sophomore nursing students to extend learning on an individual basis. Prerequisite: Sophomore in ADN program.

N 220-221 Deviations From Basic Health—Related to Mental Health (2-0-2) (0-6-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on mental health/mental illness of persons of all ages. Provides opportunity to develop skills in patient care in individualized mental health units and other acute care settings. Prerequisite: Sophomore in ADN program.

N 220-221 Deviations From Basic Health—Related to Oxygen (2-0-2) (0-6-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on oxygen need for persons of all ages. Provides the opportunity to develop skills in hospitals and health agencies. Prerequisite: Sophomore in ADN program.

N 240-241 Deviations From Basic Health—Related to Nutrition and Elimination (2-0-2) (0-6-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on the basic need for nutrition and elimination for persons of all ages. Provides opportunity to develop skills in the nursing care of patients in the pediatric and medical-surgical areas. Prerequisite: Sophomore in ADN program.

N 250-251 Deviations From Basic Health—Related to Activity (2-0-2) (0-6-2) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on the basic need for activity for persons of all ages. Provides opportunity to develop skills in nursing care of patients in the medical-surgical and rehabilitation areas. Prerequisite: Sophomore in ADN program.

N 280-290 Nursing Seminar (1-0-1). Philosophy of health care and role of the graduate as a registered nurse. Ethics and legal implications and other factors affecting nursing practice are discussed. Prerequisite: Sophomore in ADN program.

**JUNIOR YEAR**

N 302 Professional Nursing I (2-0-2) (F). Theoretical and historical perspectives in nursing. Roles and characteristics of the professional nurse today. Conceptual foundations of professional nursing. Exploration of leadership styles and issues in nursing. Identification of individual professional goals. Prerequisite: Admission to BSN program.

N 308 Professional Interactions (2-0-2) (F). Theoretical base for communication in professional nursing practice. Emphasis on assertiveness, therapeutic communication, group process and leadership in groups. Prerequisite or corequisite: N 302. Corequisite: N 308, 390.


N 328 Family and Group Interactions (2-0-2) (S). Theoretical base for application of nursing process to promote optimal health for individuals and families in community settings. Focus on use of communication base in situational and maturational family crises. Prerequisite: N 308, 390, SO 340. Prerequisite or corequisite: N 329, 390.


N 366 Nursing Research (2-0-2) (S). Introduction to research concepts, research process and selected approaches to health care research. Practice in defining researchable problems, processing qualitative data, and evaluating research findings for application to nursing practice. First 8 weeks of the semester. Prerequisite: N 302. Corequisite: N 391.


**SENIOR YEAR**

N 402 Professional Nursing II (2-0-2) (S). Leadership role of professional nurse in improvement of health care services and advancement of nursing profession. Emphasis on emerging nursing roles and issues and trends which affect nursing. Examination of individual goals relevant to professional commitments. Prerequisite: N 430. Corequisite: N 432, Pre-or Co-requisite: N 408.

N 408 Families and Groups Under Stress (1-0-1) (F). Theoretical base for application of nursing process to facilitate adaptation of individuals, families and groups to complex mental health and psychiatric problems. Emphasis on therapeutic communication. Prerequisite: N 410. Corequisite: N 409.

N 409 Practicum: Families and Groups Under Stress (0-6-2) (F). Clinical laboratory for N 408. Corequisite: N 408.

N 410 Nursing in the Community (2-0-2) (F). Theoretical and historical perspectives on community problems in relation to professional nurse roles. Application of nursing process in assessing communities to identify needs as a basis for planning improved health care service. Prerequisite: All 300 level nursing and support courses. Corequisite: N 411.

N 411 Practicum: Nursing in the Community (0-6-2) (F). Clinical laboratory for N 410. Corequisite: N 410.

N 430 Health—Illness III (2-0-2) (F). Application of theoretical base for nursing practice to individuals of all ages and families to facilitate their adaptation to life-threatening illnesses/traumas. Continuing use of nursing process with emphasis on implementation and evaluation of care. Pre or Corequisite: N 410. Corequisite: N 431.


N 432 Health—Illness IV (2-0-2) (S). Application of theoretical base for nursing practice to individuals of all ages and families to facilitate their adaptation to chronic illness. Continuing use of nursing process with emphasis on implementation and evaluation of care. Pre or Corequisite: N 410. Corequisite: N 433.


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The Preprofessional Studies Department has responsibility to those students who intend to apply to a professional school in one of the Health Sciences, particularly those who have declared a major in pre-Medicine, pre-Dentistry, pre-Dental Hygiene, pre-Occupational Therapy, pre-Optometry, pre-Pharmacy, pre-Physical Therapy, pre-Veterinary Medicine, and pre-Chiropractic, etc.

In view of the specialized nature of each program the student should seek regular counsel from the advisor who has been designated for his or her major field of interest. A handbook for preprofessional students is available from the advisors and should be used as a reference.

Students who intend to apply to professional schools should be aware of deadlines established by the professional schools and testing organizations for submitting application materials and taking admissions examinations. Medical College Admission Testing, Dental Admission Testing, Dental Hygiene Aptitude Testing, Pharmacy College Admission Testing, and the Graduate Record Examination for Veterinary Medicine schools must be taken at specific times. These examinations may or may not be administered on BSU campus. Deadlines change from year to year. The student is responsible for ascertaining from the appropriate advisor the specific deadlines and fees which pertain to the application process and admission testing for the particular program.

In addition to their academic coursework the Preprofessional Studies students have opportunities and are encouraged to work in and observe at first hand the practice and delivery of health care in a clinical environment.

Qualified students may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, or veterinarian, etc. Prerequisite: Upper Division standing; cumulative GPA above 3.25; recommendation of faculty advisor; consent of the instructor. See course H 493 described in the Community and Environmental Health Section.

Baccalaureate degree programs:
- Pre-Dentistry with Biology or Chemistry options
- Pre-Medicine with Biology or Chemistry options
- Pre-Veterinary Medicine

Non-degree programs:
- Pre-Dental Hygiene
- Pre-Occupational Therapy
- Pre-Physical Therapy
- Pre-Optometry
- Pre-Pharmacy

PRE-DENTISTRY — BIOLOGY OPTION — BS
Science Education Bldg., Rm. 223 Phone 208/385-3499
Advisor: Dr. Charles W. Baker

PRE-MEDICINE — BIOLOGY OPTION — BS
Science Education Bldg., Rm. 316 Phone 208/385-3965
Advisor: Dr. Richard C. Banks

SUGGESTED PROGRAM

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*Pre-Dental 8, pre-Medical 10
**Additional Upper Division credits so that Upper Division credits will total at least 40

PRE-DENTISTRY — CHEMISTRY OPTION — BS
Science Education Bldg., Rm. 223 Phone 208/385-3499
Advisor: Dr. Charles W. Baker

PRE-MEDICINE — CHEMISTRY OPTION — BS
Science Education Bldg., Rm. 316 Phone 208/385-3965
Advisor: Dr. Richard C. Banks

REQUIREMENTS

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PRE-VETERINARY MEDICINE — BS

Science-Education Bldg., Rm. 223  Phone 208/385-3504

Advisor: Dr. Russell J. Centanni

A shared curriculum agreement exists between the Washington State University School of Veterinary Medicine and the State of Idaho. Under this agreement a number of Idaho residents are, each year, guaranteed admission to the WSU School of Veterinary Medicine. For those Idaho residents who plan to pursue a pre-veterinary medicine curriculum, it is important that the entrance requirements for Washington State University be satisfied during undergraduate work. The student majoring in pre-veterinary medicine should seek regular counseling from the pre-veterinary academic advisor.

The student must maintain a minimum overall grade point average of at least 3.00; and an average of at least 15 credit hours per semester. Candidates with the greater depth and breadth of academic background are given preference by WSU.

The General Aptitude Test of the Graduate Record Examination is normally to be taken in October preceding the year in which the student hopes to enter the WSU School of Veterinary Medicine.

Students are to acquire and record at least 300 hours of significant exposure to veterinary medicine while employed by or working on a volunteer basis for a graduate veterinarian. The 300 hours must be completed by February 1 of the year in which the student hopes to enter WSU.

SUGGESTED PROGRAM

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<td>Area I Courses</td>
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<td><strong>Total</strong></td>
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<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
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<tr>
<td>Botany BT 130</td>
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</tr>
<tr>
<td>Zoology Z 130</td>
<td>5</td>
</tr>
<tr>
<td>Organic Chemistry C 317-320</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics M 205-206</td>
<td>4</td>
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<tr>
<td>Area I Courses</td>
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<th>JUNIOR YEAR</th>
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<tr>
<td>Cell Biology B 225</td>
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<tr>
<td>Comparative Anatomy Z 301</td>
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</tr>
<tr>
<td>Genetics, with or w/o Lab B 343, 344</td>
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<tr>
<td>Bio or Analytical Chemistry with Lab C 431-432 or 211-212</td>
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<td>Area I Courses</td>
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<tr>
<td>Physical Chemistry C 321-324</td>
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<td>Instrumental Analysis C 411</td>
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<tr>
<td>Chemistry Independent Study C 496</td>
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<td>General Psychology P 101</td>
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<td>Chemistry Seminar C 498, 499</td>
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<td>Area II Courses</td>
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<td>Electives</td>
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*Additional Upper Division credits so that Upper Division credits will total at least 40.

PRE-DEGREE PROGRAMS

PRE-DENTAL HYGIENE

Student Health Center, Room 117  Phone 208/385-1996

Advisor: Duane Akroyd

This curriculum is designed for students interested in a professional career in Dental Hygiene. The program leads to a Bachelor of Science degree in Dental Hygiene. The suggested program outlined here is based upon an articulation agreement between Boise State University and Idaho State University whereby students may take the first two years of the curriculum at BSU and upon satisfactory completion of that academic work transfer to ISU to complete the professional courses. Students who plan to enroll are advised to see the pre-Dental Hygiene advisor and pattern their curriculum at BSU after that of the specific school to which they expect to transfer.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Anatomy and Physiology Z 111-112</td>
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<tr>
<td>Chemistry C 107, 109</td>
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<td>Chemistry C 108, 110</td>
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<td>2</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>Introduction to Allied Health H 100</td>
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</table>

*To be taken either as correspondence course through Washington State University or as special topic at BSU. If correspondence course is taken, an additional 3 credit elective is to be taken to fulfill graduation requirements.

NON-DEGREE PROGRAMS

SCHOOL OF HEALTH SCIENCES

REQUIREMENTS

| English Composition E 101-102 | 6 | 6 |
| Area I Requirements | 12 | 12 |
| Area II Requirements | 12 | 12 |
| Zoology Z 130 | 5 | 5 |
| Botany BT 130 | 4 | 4 |
| Cell Biology B 225 | 3 | 3 |
| Bacteriology B 303 | 3 | 3 |
| Genetics B 343-344 | 3-4 | 3-4 |
| College Chemistry C 131-134 | 9 | 9 |
| Organic Chemistry C 317-320 | 10 | 10 |
| Biochemistry C 431-432 | 4 | 4 |
| Mathematics M 111-204 | 10 | 10 |
| General Physics PH 101-102 | 3 | 3 |
| Electives | 34-35 | 34-35 |
SCHOOL OF HEALTH SCIENCES

SOPHOMORE YEAR:

Speech CM 111 ......................................................... 3 —
Zoology Z 130 ............................................................... 4 —
Sociology SO 101 ......................................................... 3 —
Psychology P 101 ............................................................. 3
Microbiology B 205 ....................................................... 4 —
Area I Courses ................................................................. 9
Nutrition H 207 ................................................................. 3

— 17 12 —

PRE-OCCUPATIONAL THERAPY

2268 University Drive Phone 208/385-3383
Advisor: Conrad Colby

Occupational Therapy programs differ considerably in their preprofessional requirements. A minimum of two preprofessional years is required, and more in the case of some schools. A student interested in this career is advised to consult the advisor, determine which of the several schools would be the student's choice, and pattern the preprofessional curriculum in line with the requirements of the desired schools.

PRE-OPTOMETRY

2268 University Drive Phone 208/385-3383
Advisor: Conrad Colby

For students interested in preparing for optometry training, science courses should be preprofessional courses designed for science majors which offer laboratory experience. Brief survey courses in the sciences will not prepare a student for the schools and colleges of Optometry.

All of the schools and colleges require additional courses for admission, but each Optometry school has its own set of requirements. The student should write to the Optometry school of his or her choice for a list of specific courses.

Although a minimum of two years of pre-Optometry study is required, most students accepted by a school or college of Optometry have completed three years in an undergraduate college. A large percentage of students accepted by the schools and colleges of Optometry have earned a bachelor degree.

The requirements for admission to the schools and colleges of Optometry vary. However, all Optometric schools and colleges require at least two years of pre-Optometric study which should include:

Suggested Program

General Biology or Zoology B 101-102
Z 130 ................................................................. 1 or 2 semesters
College Chemistry C 131-134 .................................... 2 semesters
General Physics PH 101-102 ....................................... 2 semesters
English E 101, 102 .................................................... 2 semesters
College Mathematics .................................................. 2 semesters

Additional courses that may be needed for the pre-Optometric program are:

Psychology
Social Science
Philosophy
Literature
Organic Chemistry
Microbiology
Bacteriology
Comparative Anatomy
Physiology
Statistics
Algebra and Trigonometry
Analytic Geometry
Differential Calculus
Integral Calculus

BSU and then transfer to the College of Pharmacy at Idaho State University. The Pharmacy program consists of two years of preparatory studies followed by three years in the College of Pharmacy at ISU. The curriculum outlined below is based upon the requirements of ISU. Students who intend to apply to Pharmacy schools other than ISU are advised to consult the pre-Pharmacy advisor and pattern their curriculum after that of the school to which they expect to transfer.

Suggested Program

FRESHMAN YEAR:

English Composition E 101-102 .................................... 3 —
Chemistry C 131, 133 ................................................. 3 —
Chemistry Laboratory C 132, 134 ................................ 1 —
Mathematics M 111 ..................................................... 5 —
*Mathematics M 204 .................................................. 5
Electives ................................................................. 3-4 3-4

15-16 16-17

SOPHOMORE YEAR:

Zoology Z 130 ............................................................. 5 —
Cell Biology B 225 ....................................................... 3 —
Organic Chemistry C 317-318 ................................... 3 —
Organic Chemistry Lab C 319-320 ................................ 2 —
Microbiology B 205 ...................................................... 4
Physics PH 101-102 ...................................................... 4
Electives ................................................................. 3-4 —

17-18 16

*When possible it is desirable to take M 204 the first semester and add General Botany BT 130 the second semester of the freshman year.

Quantitative Analysis C 211-212 can also be taken as a preprofessional course.

PRE-PHYSICAL THERAPY

Student Health Center, Room 118 Phone 208/385-3261
Advisor: Dr. Gary Craychee

This curriculum is designed for students interested in a professional career in Physical Therapy. A minimum of two preprofessional years is required for admission to a school of Physical Therapy.

The Freshman year suggested is based upon admission requirements of professional schools to which the majority of BSU's pre-Physical Therapy students gain admission.

Suggested Program

FRESHMAN YEAR:

English Composition E 101-102 .................................... 3 —
Anatomy and Physiology Z 111-112 ................................ 4 —
Psychology P 101 ......................................................... 3 —
Mathematics M 111 ..................................................... 5 —
Essentials of Chemistry C 107, 109 ................................ 3 —
Essentials of Chemistry Lab C 108, 110 .......................... 1 —
Electives (Area I, II) ..................................................... — 3

16 18

During the freshman year the student, in consultation with the advisor, should pattern the sophomore year according to the requirements of the Physical Therapy school the student is planning to attend.

COURSE OFFERINGS

H Health Sciences

For H Health Sciences courses see Department of Community and Environmental Health course descriptions.