College of Arts and Sciences

Dean: Daryl E. Jones, Ph.D.
Associate Dean: Phillip Eastman, Ph.D.
College of Arts & Sciences Emeriti:
Allison, Best, Bratt, Chatterton, deNeufville, Emerson,
Hahn, Jones, Marshall, Meyer, Mitchell, Obee, Power,
Smartt, Spulnik, Wallace, Warner, Winans

Philosophy

The philosophy of the college is to provide students with quality academic programs in the Arts, Humanities, and 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, Music, and Theatre Arts;
   - Humanities — English and Philosophy; and
   - Sciences — Biology, Chemistry, Construction Management (with the College of Business), Earth Science, Geology, Geophysics, 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), Master of Science in Raptor Biology, and Master of Arts in Secondary Education with majors in various departments (see College of Education programs elsewhere in this Catalog).

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

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

Activities

Departments within the College of Arts and Sciences sponsor a variety of activities that are additions to the traditional curriculum. The English Department is the home of several publishing ventures including the cold-drill, BSU's national award-winning student literary magazine; Ahsahta Press, which publishes poetry by western poets; the Western Writers Series, booklets about the lives and works of western authors; and Poetry in Public Places, posters distributed to several schools and other locations throughout the Northwest.

The Biology Department is affiliated with the World Center for Birds of Prey, a research and breeding center for raptors located near Boise.

Students can participate in many activities sponsored by the departments in the College, including art exhibits (Art), production of plays both during the academic year and in the summer (Theatre Arts), student recitals and ensemble concerts (Music), and a variety of student tours to such events as the Shakespeare Festival in Ashland, Oregon.
## Department of Art

**Liberal Arts Building, Room 252**  
**Telephone (208) 385-1230**

*Chairman and Professor: Louis A. Peck; Professors: Huff, Killmaster, Kober, Roberts, Russell, Skov, Takehara; Associate Professors: Benson, Blankenship, Douglass, Heap, Hoopes, Miller, Oravez, Taye; Assistant Professors: Shurtleff, Smith, Taylor; Visiting Professor: Machacek.*

### Degrees Offered
- BA and BFA in Art Advertising Design
- BA and BFA in Art Education
- BA and BFA in General Art
- Pre-Architecture

### Degree Requirements

#### ART MAJOR  
Bachelor of Arts Program

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>General University &amp; Basic Core Requirements</td>
<td>51</td>
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<tr>
<td>Art Major Requirements</td>
<td></td>
</tr>
<tr>
<td>Painting and-or Watercolor AR 113, 114, 217, 218</td>
<td>6</td>
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<tr>
<td>Drawing AR 111, 112</td>
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<tr>
<td>Design AR 105, 106</td>
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<tr>
<td>Ceramics AR 225</td>
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<td>Printmaking AR 209</td>
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<td>Art Metals AR 221</td>
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<td>Senior Seminar AR 498</td>
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<td>Major Emphasis</td>
<td></td>
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<tr>
<td>A total of 14 credit hours from any Fine Arts area will constitute the major emphasis, which includes: Painting, Watercolor, Drawing, Ceramics, Sculpture, Printmaking, Art Metals, Photography, Art History.</td>
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#### ART MAJOR  
Bachelor of Fine Arts Program

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<td>Painting</td>
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<td>Sculpture</td>
<td>2</td>
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<td>Ceramics</td>
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### Major Emphasis

A total of 20* credit hours in any Art Field constitute the minor emphasis. Additional requirements include:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Elective</td>
<td>31</td>
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* A minimum of 40 credit hours of a total 128 must be Upper Division.

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**College of Arts and Sciences**

<table>
<thead>
<tr>
<th>Elective Credits</th>
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<tr>
<td>1-7</td>
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### Art-Advertising Design-Bachelor of Arts Program

<table>
<thead>
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* A minimum of 40 credit hours of a total 128 must be Upper Division.

### Art Education-Bachelor of Fine Arts Degree

<table>
<thead>
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### Major Emphasis

A total of 20* credit hours in any Art Field constitute the minor emphasis. Additional requirements include:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Elective Credits</td>
<td>31</td>
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* A minimum of 40 credit hours of a total 128 must be Upper Division.

### Art Education-Bachelor of Fine Arts

<table>
<thead>
<tr>
<th>Course Title</th>
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<td>Painting</td>
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<td>Drawing</td>
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39
College of Arts and Sciences

Major Emphasis
A total of 14 credit hours from any Art Field will constitute the Major Emphasis.

Pre-Approved Program
Boise State University offers courses that can be used for a 2 to 2 1/2 year Pre-Architectural program. This program is preparatory and should be transferable to most architectural schools. Some universities offer a degree in Architectural Engineering. Students interested in this type of degree should follow the Civil Option under the Engineering curriculum.

Pre-Engineering Requirements

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Surveying EN 215</td>
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<tr>
<td>Digital Computer Programming EN 104</td>
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<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Calculus &amp; Analytical Geometry M 204</td>
<td>5</td>
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<tr>
<td>General Physics PH 101-102</td>
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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 fees. 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). 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 I (3-0-3)(F) (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)(S) (Area I). A historical survey of Painting, Sculpture, and Architecture from the Renaissance through the present.

AR 103 INTRODUCTION TO ART (3-0-3)(S) (Area I). 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 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. PREREQ: AR 105 or PERM/INST.

AR 107 LETTERING (0-4-2)(F/S). A study of lettering techniques and various alphabetical forms; emphasis on 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 spring semester.

AR 112 DRAWING (0-4-2)(F/S). Continuation of AR 111 with an emphasis on more advanced drawing problems. Compositional imaginative, or semi-abstract work may become, utilizing a variety of subject matter including some figure drawing. PREREQ: AR 111.

AR 113 PAINTING (0-4-2). 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, various styles and techniques in landscape painting in oil, watercolor and related media, field trips, first summer session.

AR 114 PAINTING (0-4-2)(F/S). A continuation of AR 113 problems with increased emphasis on color, composition, and contemporary concepts in painting. A variety of subject matter will be painted in oil, acrylic or other media. Advisable to take AR 113 prior to AR 114. Limited enrollment fall semester.

AR 115 LANDSCAPE PAINTING (0-6-3)(SU). (Description same as AR 115 above.) Second summer session.

AR 123 CRAFTS (0-4-2)(F/S). Lectures will be in the nature of crafts, the design principles, craftsmanship and creativity. Several areas of crafts applicable to the public school classroom will be introduced. Simple crafts, leather work, mosaic, ceramic tile construction, batik, tie and dye, creative stitchery, enameling, macrame, simple ceramic work, sheet plastic and others may be assigned. The proper use of hand tools and their safety will be stressed. This course is open to non-Art majors.

AR 131 INTERIOR DECORATION (2-1-2)(F/S). Aid in understanding and appreciating interior design. Most of the above components 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 and commercial art, problems in layout, typography, and reproduction processes will be emphasized. Advisable to take AR 103, 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. PREREQ: AR 108 AR 203 or PERM/INST.
College of Arts and Sciences

AR 209 INTRODUCTION TO PRINTMAKING (0-4-2)(F). A course designed to acquaint the student with 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 course between the introduction to printmaking AR 209 and the advanced course 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 (0-4-2)(F/S). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Model fee. PREREQ: AR 111-112.

AR 212 LIFE DRAWING (0-4-2)(F/S). Further study of the model with increased emphasis on anatomy, expressive drawing, and composition. Model fee. PREREQ: AR 211.

AR 215 PAINTING (0-4-2)(F/S). 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. PREREQ: 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 AND WATERCOLOR (0-4-2)(S). Introduction to experimental techniques in the use of opaque waterbase 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)(F/S). Portraits from two-dimensional designs, continuing with problems in line, form, color, texture, and space. Advisable to take AR 105 and 106 prior to AR 219.

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 225 CERAMICS (0-4-2)(F). An introduction to ceramics technique and materials. Wheelthrowing, hand building, decoration, glazing and firing will be given. Enrollment is limited. Advisable to take AR 105, and 106 prior to AR 225.

AR 226 CERAMICS (0-4-2)(S). Continued use of the potter's wheel, molding, and hand building. Advisable to take AR 105 and 106 prior to AR 226.

AR 255 ARCHITECTURAL GRAPHIC COMMUNICATION (1-4-3)(F). Study of architectural presentation techniques, including rendering, light and shadows, model building, use of color. Also study of basic orthographic projections, including plans, elevations and sections. Advisable to take AR 105 and AR 106 and AR 255 before enrolling in AR 256 Basic Architectural Design.

AR 256 BASIC ARCHITECTURAL DESIGN (1-4-3)(S). Introduction to the process of architectural design. Combines basic architectural projects with presentation techniques learned in AR 255 Architectural Graphic Communication. Advisable to take AR 105, AR 106 and AR 255 before enrolling in AR 256 Basic Architectural Design.


AR 290 MATERIALS AND METHODS OF ARCHITECTURE (3-0-3)(S). This course is developed to enable students to identify construction materials, elements, and systems; to locate technological and proprietary information about them; and to sketch sections of various construction systems 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.

Upper Division

AR 301 NINETEENTH CENTURY ART HISTORY (4-3)(F). A study of important artists and movements from Neoclassicism through Post-impressionism. Critical writing will be assigned.

AR 302 HISTORY OF TWENTIETH CENTURY MOVEMENT IN ART (4-3)(S). An analysis of important European art movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. Critical writing will be assigned.

AR 303 STUDIO IN ADVERTISING DESIGN (8-3)(F/S). Advanced study of the design and preparation of art for reproduction, techniques and studio practices. PREREQ: AR 204 or PERM/INST. May be repeated once for credit.

AR 305 STUDIO IN VISUAL DESIGN (8-3)(F/S). Advanced exploration of two-dimensional design, combining problems in line, form, color, texture, and space. Advisable to take AR 105 and 106 prior to AR 305.

AR 307 STUDIO IN METALSMITHING (8-3)(F/S). Advanced study in materials of jewelry making and metal smithing with special emphasis on forging, setting, cutting, and metalurgical techniques. Further personal development of craftsmanship. May be repeated once for credit. PREREQ: AR 221, 222.

AR 309 STUDIO IN PRINTMAKING (8-3)(F/S). Introduction to color printing and advanced printmaking in any of the following specialized areas, each of which may be repeated once for credit: intaglio, lithography, serigraphy, and relief printing. PREREQ: AR 209.

AR 311 ADVANCED DRAWING (8-3)(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. PREREQ: AR 212.

AR 315 STUDIO IN PAINTING (8-4-3)(F/S). Creative work in two-dimensional and transparent media. May be repeated once for credit. PREREQ: AR 215.

AR 317 PAINTING-WATERCOLOR (8-3-3)(F). Advanced work in opaque and transparent media with emphasis on experimental techniques. Advisable to take AR 217 and 216 prior to AR 317.

AR 318 PAINTING-WATERCOLOR (8-3-3)(S). Advanced work in opaque and transparent media with emphasis on experimental techniques. Silks, glazes, 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 331 STUDIO IN SCULPTURE (8-4)(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 331. May be repeated once for credit. PREREQ: AR 251 or PERM/INST.

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)(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. PREREQ: AR 251 or PERM/INST.

AR 345 STUDIO IN CREATIVE PHOTOGRAPHY (2-4-3)(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. PREREQ: AR 251 or PERM/INST.

AR 346 PHOTOGRAPHY: ZONE SYSTEM (2-4-3)(F). This course deals with the important relationship that exists between the negative and the print in photography. This course will provide systematic accounting of the numerous variables of personal equipment, procedures, filters, developers, enlarging papers, and style. Technique as the clarifier of idea will be stressed. PREREQ: AR 251 or PERM/INST.

AR 351 SECONDARY SCHOOL ART METHODS (2-2-3)(F). Art education on the junior and high school levels, including plans, elevations and sections. Advisable to take AR 205 prior to AR 351. May be repeated for credit.

AR 361 STUDIO IN ADVERTISING ILLUSTRATION (0-6-3)(F/S). Advanced study emphasizing techniques and methodology of illustrating finished art for advertising. Fundamentals of art to story, product, fashion and decorative illustration with emphasis on building a portfolio. Advisable to take AR 203 and 204 prior to AR 361. May be repeated once for credit.

AR 409 STUDIO IN PRINTMAKING (0-6-3)(F/S). Individual problems in any of the following areas: woodcut, lithography, intaglio, and serigraphy. May be repeated for credit. PREREQ: AR 309.

AR 411 DRAWING STUDIO (0-6-3)(F/S). Individual problems in drawing. Model fee. May be repeated for credit. PREREQ: AR 311.

AR 415 STUDIO IN PAINTING (0-6-3)(F/S). Individual problems in painting in any media. Students will participate in one-person senior show projects. May be repeated for credit. PREREQ: AR 315.

AR 417 STUDIO IN PAINTING-WATERCOLOR (0-6-3)(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 (0-6-3)(F/S). Continued study in materials and methods (advanced) of jewelry making and metal smithing as they apply to the creative artist and teacher. May be repeated for credit. PREREQ: AR 228, 229, 307.

AR 425 STUDIO IN CERAMICS (0-6-3)(F/S). Continued study in the materials of ceramics with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. 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 (0-6-3)(F/S). Continued study in the material and methods of SCULPTURE in ADVERTISING ILLUSTRATION (0-6-3)(F/S). A continuing study of illustration with emphasis on ceramics.

AR 461 STUDIO IN ADVERTISING ILLUSTRATION (0-6-3)(F/S). A continuing study of illustration with emphasis on development of specialized areas such as airbrush, decorative and special effects, scientific, book, editorial and reportage illustration and media and image expression. The student will work toward completing a professional portfolio. PREREQ: Two semesters of Art 361. 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. PREREQ: Senior status.

Department of Biology
Science/Nursing Bldg., Rm. 223 Telephone (208) 385-3262
Chairman and Professor: Marcia C. Wicklow-Howard; Professors: Baker, Centanni, Fritchman, Fuller, McCloskey, Papenfuss, Ryde; Associate Professors: Bechard, Douglas, Kelley, Long, Wylie.

Degrees Offered
- BS in Biology
- BS in Biology, Secondary Education
- Pre-forestry and Wildlife Management

Degree Requirements

BIOLoGY MAJOR Bachelor of Science Option

1. General University and Baccalaureate Degree requirements
   Credits: 45

2. Major Requirements
   Biology
   Credits: 45
   - Biology Core: 20
     General Botany BT 130
     General Zoology Z 130
     Cell Biology B 301
     Genetics B 343
     Ecology B 423
     Biology Seminar B 498, 499
     Physiology - one course
     Plant Physiology BT 401
     Human Physiology Z 401
     General & Comparative Physiology Z 409
     Morphology - one course
     Plant Anatomy BT 302
     Plant Morphology BT 311
     Comparative Vertebrate Anatomy Z 301
     Vertebrate Embryology Z 351
     Vertebrate Histology Z 400
     Biology Electives to total 45 credits*
     Chemistry
     College Chemistry C 131-134
     Organic Chemistry C 317, 319
     Mathematics
     Algebra & Trigonometry M 111
     Four or more credits chosen from the following:
     - Applied Statistics with the Computer M 120
     - A First Course in Programming CS 122
     - Introduction to Computer Science CS 127
     - Calculus and Analytic Geometry M 204
     - Digital Computer Program EN 104 or CS 124
   - Recommended Electives
     Area I & II Electives
     Biochemistry C 341
     Earth Science Electives
   - Credits: 30-45**

Secondary Education Option - Major Endorsement

1. General University and Baccalaureate Degree requirements
   Credits: 30

2. Major Requirements
   Credits: 68
   Biology
   Credits: 30-45**
   - Biology Core
   - General Botany BT 130
   - General Zoology Z 130
   - Cell Biology B 301
   - Genetics B 343
   - Ecology B 423
   - Biology Seminar B 498, 499
   - Physiology - one course
   - Plant Physiology BT 401
   - Human Physiology Z 401
   - Gen & Comp Physiology Z 409
   - Morphology - one course
   - Plant Anatomy BT 302
   - Plant Morphology BT 311
   - Comparative Vertebrate Anatomy Z 301
   - Vertebrate Embryology Z 351
   - Vertebrate Histology Z 400
   - Biology Electives to total 45 credits* 2-17
   - Chemistry
   - College Chemistry C 131-134
   - Organic Chemistry C 317, 319
   - Mathematics
   - Algebra & Trigonometry M 111
   - Four or more credits chosen from the following:
   - Applied Statistics with the Computer M 120
   - A First Course in Programming CS 122
   - Introduction to Computer Science CS 127
   - Calculus and Analytic Geometry M 204
   - Digital Computer Program EN 104 or CS 124
   - Credits: 26-32

3. Education Requirements
   Credits: 26-32
   The following are required for Secondary Teaching Certification in Idaho:
   - Foundations of Education TE 201
   - Reading in Content Subjects TE 407
   - Educat Except Secondary Student TE 333
   - Educational Psychology P 325
   - Secondary School Methods TE 381
   - Secondary School Science Methods TE 384
   - Secondary School Student Teaching
   - Credits: 10-16

4. Elective
   Credits: 0-4
   NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education for more information.

Secondary Education Option - Minor Endorsement

1. General University and Baccalaureate Degree requirements
   Credits: 30

2. Major Requirements
   Credits: 30

3. Minor Endorsement in Biology
   Credits: 24**
   - General Botany BT 130
   - General Zoology Z 130
   - Cell Biology B 301
   - Genetics B 343-344
   - Elective course in Botany
   - Elective course in Zoology
   - Credits: 26-32
The following are required for Secondary Teaching Certification in Idaho:

- Foundation of Education TE 201
- Read in Content Subject TE 407
- Educ Except Secondary Student TE 333
- Educational Psychology P 325
- Secondary School Methods TE 381
- Secondary School Science Methods TE 384
- Secondary School Student Teaching

5. Electives

Credits: 12-18

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

** A Biology Major without a minor requires 45 Biology credits. A Biology Major with a minor in another area requires 20 Biology credits. A Minor in Biology requires a minimum of 24 Biology credits. In all instances a minimum of 6 credits must be in Botany and 6 credits in Zoology.

Recommended Program

BIOLOGY MAJOR
Bachelor of Science Degree

<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>General Botany BT 130</td>
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BIOLOGY MAJOR
SECONDARY EDUCATION OPTION
Bachelor of Science

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College of Arts and Sciences

SENIOR YEAR

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PRE-FORESTRY AND WILDLIFE MANAGEMENT

This program is designed to satisfy the lower division coursework typically completed during 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.

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<td>Essentials of Chemistry C 107-110</td>
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SOPHOMORE YEAR

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<td>General Forestry FS 101</td>
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<td>Systematic Botany BT 305</td>
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<td>Fundamentals of Speech CM 111</td>
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<td>Digital Computer Programming EN 104</td>
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<td>Principles of Economics EC 201-202</td>
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<td>Physical Education</td>
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Course Offerings

B BIOLOGY

Lower Division

B 100 CONCEPTS OF BIOLOGY (3-2-4)(F/S) (Area III). Basic course for nonmajors. General biological principles and how they relate to man. B 141 or 142 is recommended. Offered alternate years. PREREQ: C 101-102.

B 200 MAN AND THE ENVIRONMENT (3-6-3)(F/S). The impact of biological, economic, and social factors on man's environment are discussed. PREREQ: C 101-102.

B 205 MICROBIOLOGY (3-2-4)(F/S). A survey of microbial diversity, structure, function, and metabolism; principles of microbial control; host-parasite relationships; immunology; and medically important microorganisms. PREREQ: C 101-102.

Upper Division

B 301 CELL BIOLOGY (3-3-3)(F/S). Structure and function of prokaryotic and eukaryotic cells, cellular energetics and metabolism, mitochondria and chloroplasts, cell and organelle genetics, chromosomal aberrations, and medical applications of Cell Biology. One year of college Biology and prior or concurrent enrollment in Organic Chemistry are required.

B 303 GENERAL BACTERIOLOGY (3-2-4)(F). A general survey of the field of bacteriology; techniques, cytology, taxonomy, growth, physiology, ecology, genetics, evolution, control, medical aspects and immunology. PREREQ: C 317, B 303, PERM/INST.

B 310 PATHOGENIC BACTERIOLOGY (2-4-4)(F). Medically important bacteria, rickettsia, and chlamydia are surveyed with emphasis on their pathogenicity, host-parasite relationships, and the clinical and diagnostic aspects of the diseases they produce in humans and animals. PREREQ: B 303, PERM/INST.

B 343 GENETICS-LECTURE (3-3-3)(F). A study of the principles of genetics as they relate to living organisms. PREREQ: B 303, PERM/INST.

B 343 GENETICS LABORATORY (3-3-3)(F). A practical course in the techniques of growing and analyzing genetic materials. Drosophila and other organisms will be cultured and analyzed; reports will be submitted. PREREQ: prior or concurrent enrollment in B 343 required.

B 401 ORGANIC EVOLUTION (3-4-3)(S). Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanisms of evolutionary change, adaptation, specialization, and radiation. Genetically recommended. Offered alternate years. PREREQ: B 303 or PERM/INST.

B 412 GENERAL PARASITOLOGY (2-3-3)(S). Animal parasites with emphasis on those of man and his domestic animals. Lectures cover general biology, life history, structure, function, distribution, and significance of parasites. Laboratory experience in identification and detection. PREREQ: B 301, PERM/INST.

B 415G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S). Microbial populations and processes in soil and water. Water and food-borne
College of Arts and Sciences

pathogens. Microbiological and biochemical methods of environmental assessment. PREREQ: B 303, PERM/INST.

B 420 IMMUNOLOGY (3-4-3)(S). A survey of the principles of immunology. Host defense systems, the immune response, immune disorders, serology and other related topics. Representative laboratory procedures will be demonstrated. PREREQ: B 303, PERM/INST.

B 423 ECOLOGY (3-3-4)(F/S). A survey of the physical factors of the environment and their effect on the mode of life and distribution of plants and animals. Environmental and biological interrelationships of organisms will be discussed. Field and laboratory investigations into topics of physical habitat, populations, communities, pollution, etc., will be discussed. Weekend field trips may be taken. PREREQ: BT 130, Z 130, PERM/INST.

B 498, 499 BIOLOGY SEMINAR (1-0-1)(F/S). A review of pertinent literature on selected topics. Restricted to senior Biology majors.

Graduate Courses

See Graduate College section of this catalog for course descriptions.

BT BOTANY

Lower Division

BT 115 MUSHROOMS OF IDAHO (2-8-2)(F). A survey of the fleshly fungi with emphasis on collecting and identifying species of Idaho mushrooms. Edible and poisonous mushrooms will be discussed. Weekend field trips arranged.

BT 130 GENERAL BOTANY (3-3-4)(F/S) (Area III). An introduction to a plant biology which includes the study of cells, genetics, whole plant physiology and functions, ecology, classification, and economic importance.

Upper Division

BT 302 PLANT ANATOMY (3-3-4)(S). A study of the structure and development of vascular plant tissues, regions, and organs. Emphasis will be placed on the Angiosperms. PREREQ: B 303, Z 317, PERM/INST.

BT 305 SYSTEMATIC BOTANY (2-4-4)(S). Fundamental problems of taxonomy. Discussion of historical development of classification systems and comparison of recent systems. Instruction on use of keys and manuals. PREREQ: BT 130, PERM/INST.

BT 311 PLANT MORPHOLOGY (3-4-4)(F). A comparative study of the structure, function, reproduction, and development of major plant groups. Phylogeny, paleobotany, and economic importance of various plant groups will be considered. PREREQ: BT 130, or PERM/INST.

BT 330G MYCOLOGY (3-3-4)(F). A study of the biology of fungi with emphasis on their classification, morphology and development, identification, ecology, and economic significance. Laboratory work will include projects and field trips. PREREQ: BT 130, or PERM/INST.

BT 401 PLANT PHYSIOLOGY (3-3-4)(F). Emphasis placed on physical and chemical processes of plant body functions. Includes coverage of cell, tissue, and organ functions; mineral requirements, metabolism, water uptake, photosynthesis; soil chemistry, and the alkaloids and glucosides synthesized by plants. BT 302 and PH 101, 102 recommended. Offered odd-numbered years. PREREQ: BT 130, C 317, PERM/INST.

FS FORESTRY

Lower Division


Z ZOOLOGY

Lower Division

Z 107 CONCEPTS OF HUMAN ANATOMY AND PHYSIOLOGY (3-2-4)(F/S). A survey of human structure and function with emphasis on regulatory mechanisms of the body. This is a terminal course and does not satisfy allied health program requirements. PREREQ: BT 130, or PERM/INST.

Z 111, 112 HUMAN ANATOMY AND PHYSIOLOGY (3-3-4) (Area III CORE). A two-semester sequence for students whose career objectives require a thorough study of human anatomy and physiology. Z 112 cannot be substituted for either semester of this sequence. One semester of this sequence cannot be substituted for Z 107. Priority enrollment in C 107 recommended.


Upper Division

Z 301 COMPARATIVE VERTEBRATE ANATOMY (2-4-4)(S). The evolutionary development of vertebrate anatomy, fishes through mammals. Dissection of the shark, salamander and cat plus demonstrations of other vertebrate types. PREREQ: Z 130, PERM/INST.

Z 305G ENTOMOLOGY (2-6-4)(F). Biology of insects with emphasis on identification and life cycles for students who have completed one year of college level biology. Laboratory includes field trips to collect and identify local species. Insect collection required. Students should meet with instructor the spring or summer before enrolling. PREREQ: PERM/INST.

Z 307 INVERTEBRATE ZOOLOGY (2-4-4)(S). Morphology, taxonomy, and natural history of the major invertebrate animal groups. Exclusive of the insects. Offered in alternate years. PREREQ: Z 130, PERM/INST.

Z 314G 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. PREREQ: Z 130, PERM/INST.

Z 351 VERTEBRATE EMBRYOLOGY (2-6-4)(F). 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. PREREQ: Z 130 or 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. PREREQ: 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 histochemical techniques. Offered alternate years.

Z 400 VERTEBRATE HISTOLOGY (3-3-4)(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. PREREQ: Z 130 or PERM/INST.

Z 401 HUMAN PHYSIOLOGY (3-3-4)(F). Functional aspects of human tissue and organ systems with emphasis on regulatory and homeostatic mechanisms. PREREQ: B 301, C 317, PERM/INST.

Z 409G 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. PREREQ: Z 130, C 317, PERM/INST.

Z 412G MAMMALOLOGY (2-3-5)(S). Mammals as examples of biological principles: classification, identification, distribution, ecology, life histories, and adaptations of mammals. Two weekend field trips. Offered alternate years. PREREQ: Z 355, PERM/INST.

Department of Chemistry

Science-Nursing Bldg., Rm. 315
Telephone (208) 385-3963
Chairman and Professor: Richard Banks; Professors: Carter, Dalton, Ellis, Hibbs, Matjeks, Mercer, Peterson, Stark.

Degrees Offered

• BS in Chemistry
• BS in Chemistry, Secondary Education

Degree Requirements

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; or
• Attend a professional school in medicine.

The Chemistry curriculum of Boise State University offers an education based upon employment requirements of industry, educational institutions, and government 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.

CHEMISTRY MAJOR
Bachelor of Science

This degree prepares the student for employment as a chemist or for admission to medical school.

1. General University and Baccalaureate Degree Requirements (128 credits total).

General Requirements ............................................. 53-61

English Composition E 101, 102 .................................. 6
Area I Core ............................................................ 12
Area II Core ........................................................... 12
I

2. Recommended Electives:

1. General University and Baccalaureate Degree Requirements (128 credits total).

- General Requirements
  - English Composition E 101, 102
  - Area I Core
  - Area II Core
  - Electives, Lower and Upper Division

- Major Endorsement Requirements
  - Chemistry
  - College Chemistry C 131, 132, 133, 134
  - Quantitative Analysis C 211, 212
  - Organic Chemistry C 317, 318, 319, 320
  - Physical Chemistry C 321, 322, 323, 324
  - Chemistry Seminar C 498, 499
  - Additional Upper Division Chemistry Courses

- Mathematics
  - (Completion of Mathematics through Calculus M 206)
  - Physics Requirements (PH 211, 212, 213, 214)
  - Life Science Courses

CHEMISTRY MAJOR, SECONDARY EDUCATION OPTION
Bachelor of Science Degree

This degree program prepares students to teach Chemistry in secondary schools.

1. General University and Baccalaureate Degree Requirements (128 credits total).

- General Requirements
- Recommended Electives
- Major Endorsement Requirements

2. Idaho Certification Requirements

- College Certification C 109 or C 133 may not receive credit for C 100.

College of Arts and Sciences

Recommended Programs

CHEMISTRY MAJOR
Bachelor of Science

FRESHMAN YEAR

1st 2nd

Sem Sem

English Composition E 101, 102 3 3
College Chemistry C 131, 132, 133, 134 4 4
Mathematics M 111, 204 5 5
Degree Requirements or Electives 3 3
Totals 15 16

SOPHOMORE YEAR

Organic Chemistry C 317, 318, 319, 320 5 5
Mathematics M 205, 206 4 4
Physics I PH 211-212 4 4
Physics II PH 213-214 4 4
Degree Requirements or Electives 3 3
Totals 17 17

JUNIOR YEAR

Physical Chemistry C 321, 322, 323, 324 4 4
Quantitative Analysis C 211, 212 5 5
Degree Requirements or Electives 4 4
Totals 13 13

SENIOR YEAR

Advanced Inorganic Chemistry C 401 3 3
Instrumental Analysis C 411 3 3
Independent Study C 496 1 1
Chemistry Seminar C 498, 499 1 1
Degree Requirements or Electives 9 9
Totals 18 18

CHEMISTRY MAJOR, SECONDARY EDUCATION OPTION
Bachelor of Science Degree

FRESHMAN YEAR

1st 2nd

Sem Sem

English Composition E 101, 102 3 3
College Chemistry C 131, 132, 133, 134 4 4
Mathematics M 111, 204 5 5
General Zoology Z 130 5 5
General Botany BT 130 4 4
Foundations of Education TE 201 3 3
Totals 17 17

SOPHOMORE YEAR

Organic Chemistry C 317, 318, 320 4 4
Mathematics M 205, 206 4 4
Physics I PH 211-212 5 5
Physics II PH 213, 214 5 5
General Psychology P 101 3 3
Foundations of Education TE 201 3 3
Totals 17 17

JUNIOR YEAR

Physical Chemistry C 321, 322, 323, 324 4 4
Quantitative Analysis C 211, 212 4 4
Educational Psychology P 25 3 3
Reading in Content Subjects TE 407 3 3
Degree Requirements or Electives 4 4
Totals 16 16

SENIOR YEAR

Upper Division Chemistry Course 3 3
Chemistry Seminar C 498, 499 1 1
Secondary School Methods TE 381 3 3
Secondary School Science Methods TE 394 3 3
Senior High School Student Teaching TE 483 10 10
Educating Exceptional Secondary Students TE 333 1 1
Degree Requirements and Electives 6 6
Totals 14 14

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

Course Offerings

C CHEMISTRY

Lower Division

C 100 CONCEPTS OF CHEMISTRY (3-3-4(S)(Area III)). A descriptive non-mathematical course designed to acquaint students with the science 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 110.

C 107 ESSENTIALS OF CHEMISTRY (3-0-3(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. Coreq: C 110. Concurrent enrollment in C 107 is required.

C 108 LABORATORY FOR ESSENTIALS OF CHEMISTRY (3-3-2(SU)(Area III)). A continuation of C 107 to include basic concepts of Biochemistry. Prereq: C 107 and C 108. Concurrent enrollment in C 110 is required.

C 110 LABORATORY FOR ESSENTIALS OF CHEMISTRY (3-3-2(SU)(Area III)). The laboratory to accompany C 108. One three-hour laboratory and one one-hour lecture. The recitation will include discussion of both lecture and laboratory material. COREQ: C 109.

C 131 COLLEGE CHEMISTRY (3-0-3(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. PREREQ: M 111 or 108. Concurrent enrollment in C 132 is required.

C 132 LABORATORY FOR COLLEGE CHEMISTRY (0-3-1)(F/SU) (Area III). Laboratory work to accompany C 131. Concurrent enrollment in C 131 is required.

C 133 COLLEGE CHEMISTRY (3-0-3)(F/SU) (Area III). A continuation of C 131 to include equilirium, redox, and complex ions. PREREQ: C 131, 132.

C 134 LABORATORY FOR COLLEGE CHEMISTRY (0-6-2)(F/SU) (Area III). Laboratory work to accompany C 133. To include qualitative analysis. PREREQ: C 131, 132.

C 211 QUANTITATIVE ANALYSIS (3-0-3)(F). Study of the equilibrium relationships and methods used in gravimetric, volumetric, and some instrumental analysis. PREREQ: C 131, 132.

C 212 QUANTITATIVE LABORATORY TECHNIQUE (0-6-2)(F). Practical application of quantitative analytical techniques through the analysis of unknown samples using gravimetric, volumetric, and some instrumental methods. PREREQ: C 211 or concurrent enrollment.

Upper Division

C 317 ORGANIC CHEMISTRY LECTURE (3-8-3)(F). An overview of Organic Chemistry covering the fundamental principles of nomenclature, reactions, synthesis, mechanisms, stereochemistry, and kinetics. Will fulfill the requirements for an elementary organic course. PREREQ: C 131, 132.


C 319 ORGANIC CHEMISTRY LABORATORY (1-3-2)(F). Basic organic laboratory techniques and organic syntheses. One three-hour laboratory and one hour of recitation per week. Concurrent enrollment in C 317 is required.

C 320 ORGANIC CHEMISTRY LABORATORY (1-3-2)(S). More advanced organic laboratory techniques, syntheses, classical organic qualitative analysis, and an introduction to spectroscopic methods. Three hours of laboratory and one hour of recitation per week. PREREQ: C 319. Concurrent enrollment in C 318 is required.

C 321, 322, PHYSICAL CHEMISTRY LECTURE (3-0-3)(F/S). The fall semester will cover gases, point symmetry, molecular structure and quantum theory (brielly) and the first, second and third laws of thermodynamics. The spring semester continues with thermodynamics, reaction kinetics, phase equilibria, electrochemistry, and absorption spectroscopy. PREREQ: C 131, 132, 133, 134, PH 102 or 221, M 206 or equivalent.

C 323, 324 PHYSICAL CHEMISTRY LABORATORY (0-3-1)(F/S). Laboratory experiments paralleling the material covered by the lectures. PREREQ: C 321, 322 or concurrent enrollment. A year’s sequence (fall and spring).

C 341, 342 GLASSBLOWING (0-3-1). C 341 acquaints students with the basics of scientific glassblowing. C 342 gives students practice in techniques and in construction of more complex apparatus. PREREQ: C 319. Junior Standing. Offered on demand.

C 410 ADVANCED INORGANIC CHEMISTRY (3-0-3)(F). Quantum mechanical treatment of atomic and molecular structure and quantum theory (brielly) and the first, second and third laws of thermodynamics. The spring semester continues with thermodynamics, reaction kinetics, phase equilibria, electrochemistry, and absorption spectroscopy. PREREQ: C 131, 132, 133, 134, PH 102 or 221, M 206 or equivalent.

C 411 INSTRUMENTAL ANALYSIS (2-6-4)(S). Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. PREREQ: C 211, 320. C 320 may be taken currently with C 411.

C 431 INTRODUCTION TO BIOCHEMISTRY (3-0-3)(F). A study of the chemistry of biologically important compounds and an introduction to metabolism. PREREQ: C 317.

C 432G BIOCHEMISTRY LABORATORY (0-3-1)(S). Identification, isolation, and reactions of biologically important compounds. PREREQ: C 431 or concurrent enrollment.

C 433G BIOCHEMISTRY (3-0-3)(S). The function of biological compounds, including intermediary metabolism and synthesis of proteins. Cellular control mechanisms of these processes are integrated into the material. PREREQ: C 431.

C 440 ORGANIC QUALITATIVE ANALYSIS (1-6-3)(S). Organic qualitative analysis with emphasis upon using spectroscopic methods and spectral interpretation. Two three-hour laboratories and one hour of lecture per week. PREREQ: C 318 and C 320.

C 498-499 SEMINAR (1-0-1)(F/S). Group discussions of individual reports on selected topics in the various fields of Chemistry. PREREQ: Chemistry major and senior standing.

Graduate

The department offers certain graduate courses. See the Graduate College portion of this Catalog for course descriptions.

Department of Construction Management and Pre-Engineering

Math/Geology Building, Room 2140  Telephone (208) 385-3775
Chairman and Professor: Norm Dahm; Professors: Parks; Associate Professors: Affleck, Gabert, Haefler; Assistant Professors: Mason.

Degrees Offered

- BS in Construction Management
- Pre-Engineering

Degree Requirements

CONSTRUCTION MANAGEMENT PROGRAM
Bachelor of Science Degree

The objective of the Construction Management program is to provide education in mathematics, science, communication, engineering, business and construction so that the construction manager can intelligently relate to and coordinate the efforts of owners, architects, engineers, craftsmen, contractors and other professionals to provide society with construction services of skill, responsibility and integrity.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C311-312</td>
<td>Construction Management Fundamentals</td>
<td>6</td>
</tr>
<tr>
<td>C323-324</td>
<td>Construction Management Techniques</td>
<td>6</td>
</tr>
<tr>
<td>C331-332</td>
<td>Construction Management Economics</td>
<td>6</td>
</tr>
<tr>
<td>C341-342</td>
<td>Construction Management Law</td>
<td>6</td>
</tr>
<tr>
<td>C351-352</td>
<td>Construction Management Accounting</td>
<td>6</td>
</tr>
<tr>
<td>C361-362</td>
<td>Construction Management Engineering</td>
<td>6</td>
</tr>
<tr>
<td>C371-372</td>
<td>Construction Management Materials</td>
<td>6</td>
</tr>
<tr>
<td>C381-382</td>
<td>Construction Management Environment</td>
<td>6</td>
</tr>
</tbody>
</table>

1. All Construction Management majors must complete at least 57 credits and have a cumulative grade point average of 2.40 or
better before being admitted to any upper division (number 300 and above) business or construction management classes.

2. All construction management classes will be taking several field trips during the semester to be scheduled Friday afternoons.

3. No more than 33 credits may be taken from the College of Business.

Recommended Program

PRE-ENGINEERING MAJOR

All of the following courses will transfer to either of Idaho's two schools of engineering as well as most all other engineering colleges. BSU offers at least 82 of the 128 credits required for an engineering degree in all of the engineering branches offered in Idaho. Therefore, it is possible to complete a degree in three semesters after transferring from Boise State.

COMMON CORE FOR ALL BRANCHES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English Composition E 101-102</td>
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</tr>
<tr>
<td>College Chemistry C 131-132-133*</td>
<td>7</td>
</tr>
<tr>
<td>Calculus &amp; Analytic Geometry M 204-205-206</td>
<td>13</td>
</tr>
<tr>
<td>Engineering Fundamentals &amp; Computer Programming EN 107</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Graphics EN 108</td>
<td>2</td>
</tr>
<tr>
<td>Humanistic-Social Electives (See Advisor)</td>
<td>15</td>
</tr>
<tr>
<td>Mechanics, Waves &amp; Heat + Lab PH 211-212</td>
<td>5</td>
</tr>
<tr>
<td>Electricity, Magnetism &amp; Optics + Lab PH 213-214</td>
<td>5</td>
</tr>
<tr>
<td>Elect. Engr. Circuits EN 227**</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Mechanics EN 205</td>
<td>3</td>
</tr>
<tr>
<td>Differential Equations M 331</td>
<td>3</td>
</tr>
<tr>
<td>Mechanics of Materials EN 306</td>
<td>3</td>
</tr>
<tr>
<td>Fluid Mechanics EN 301**</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL 71

** Electrical and Mechanical majors substitute EN 221.

*** Electrical majors select two courses from EN 301, EN 306 or EN 320.

ADDITIONAL TRANSFERABLE COURSES

BRANCH VARIATION

Agricultural Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Dynamics of Rigid Bodies EN 206</td>
<td>3</td>
</tr>
<tr>
<td>Thermodynamics and Heat Transfer EN 320</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Measurements EN 216</td>
<td>2</td>
</tr>
<tr>
<td>Biological Science Elective</td>
<td>3</td>
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</tbody>
</table>

TOTAL 81

Chemical Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Principles of Economics EC 201</td>
<td>3</td>
</tr>
<tr>
<td>Thermodynamics and Heat Transfer EN 320</td>
<td>3</td>
</tr>
<tr>
<td>Organic Chemistry C 317-318-319-320</td>
<td>10</td>
</tr>
<tr>
<td>Physical Chemistry C 321-322-323-324</td>
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</table>

TOTAL 95

Civil Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Dynamics of Rigid Bodies EN 206</td>
<td>3</td>
</tr>
<tr>
<td>Thermodynamics and Heat Transfer EN 320</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Measurements EN 216</td>
<td>2</td>
</tr>
<tr>
<td>Physical Geology GO 101</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL 85

Electrical Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Systems and Circuits II EN 223</td>
<td>4</td>
</tr>
<tr>
<td>Technical Writing E 202</td>
<td>3</td>
</tr>
<tr>
<td>Digital Circuits EN 230</td>
<td>3</td>
</tr>
<tr>
<td>Electricity &amp; Magnetism PH 361-382</td>
<td>6</td>
</tr>
</tbody>
</table>

TOTAL 87

Mechanical Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prin of Economics EC 201-202</td>
<td>6</td>
</tr>
<tr>
<td>Elec Systems and Circuits EN 223</td>
<td>4</td>
</tr>
<tr>
<td>Dynamics of Rigid Bodies EN 206</td>
<td>3</td>
</tr>
<tr>
<td>Thermodynamics and Heat Transfer EN 320</td>
<td>3</td>
</tr>
<tr>
<td>Technical Writing E 202</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL 89

Course Offerings

CO CONSTRUCTION MANAGEMENT

Lower Division

CO 235 CONSTRUCTION BLUE PRINT COMMUNICATIONS (2-0-2)(F). The transmission and interpretation of blueprint communications covering different types of drawings, including their organization and format. Emphasizing three-dimensional visualization to make practical applications and determine quantities of work. Learn how to interpret quickly and visualize what is being presented by the drawings. Friday field trips required. PREREQ: EN 108.

CO 240 INTRODUCTION TO THE MANAGEMENT OF CONSTRUCTION (3-0-3)(S). Introduction to construction terminology, industry and management. Includes the planning, staffing, directing and controlling functions with emphasis on organizations and the schools of management. A survey of the basic trades, methods, quantity take-off calculations, estimating, and scheduling. Friday field trips required. PREREQ: M 111 and EN 108.

CO 246 CONTRACTS AND SPECIFICATIONS (3-0-3)(S). Contracts, contract documents and specifications for construction including legal as well as technical implications, claims, change orders and contract administration, emphasizing Owner-Engineer/Architect-Contractor functions and related problems. Friday field trips required. PREREQ: GB 202.

Upper Division

CO 320 CONSTRUCTION EQUIPMENT & METHODS (3-3-3)(F). Characteristics, capabilities, limitations and employment of general building and heavy construction equipment. Friday field trips required. PREREQ: EN 205.

CO 339 SOIL MECHANICS AND FOUNDATION CONSTRUCTION (3-0-3)(S). Fundamentals of soil mechanics as it relates to foundation and earthwork construction problems: interaction of water and soil, compaction, bearing capacity, lateral pressures, drainage and waterproofing, spread footings, retaining walls, pile foundations, and special foundation construction problems. Friday field trips required. PREREQ: M 204 or PERN/INST.

CO 351 MECHANICAL INSTALLATIONS (3-0-3)(F). The fundamentals of mechanical installations and associated construction problems including heat loss and gain, heating, ventilating and air-conditioning, fluid flow in pipes and ducts as well as water supply, sewage, and fire protection installations. Friday field trips required. PREREQ: PH 102 and EN 205.

CO 352 ELECTRICAL AND ACOUSTICAL INSTALLATIONS (3-0-3)(S). The fundamentals of electrical and acoustical installations and associated construction problems including electrical circuits, conduits, conductors, switches, service equipment and electrical transmission. Also included will be lighting and acoustical installations and associated construction problems. Friday field trips required. PREREQ: EN 202 and EN 300.


CO 374 CONSTRUCTION OPERATIONS AND IMPROVEMENTS (3-0-3)(F). Converting organization, process and motivation, labor, materials, equipment, safety, time and motion studies, time-lapse photography, methods improvements, crew balance, and flow and process charts. Friday field trips required. PREREQ: CO 370.

methods of mixing, placing, curing and finishing. Friday field trips required.
PREREQ: EN 306.

CO 417 PROJECT SCHEDULING AND CONTROL (3-0-3)(S). Critical path method (CPM) as a construction planning, scheduling and management technique. Friday field trips required. PREREQ: EN 107 and CO 374.

CO 493 INTERNSHIP. Cooperative education/internship in construction management provides practical, on-the-job experience in blueprint reading, material takeoffs, estimating, equipment management and project planning.

EN ENGINEERING

Lower Division

EN 100 ENERGY FOR SOCIETY (3-2-4)(F)(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. Alternatively as well as conventional energy solutions will be studied.

EN 101 TECHNICAL DRAWING (2-2-2). A basic course in technical drawing covering lettering, the use of drawing instruments, geometry, orthographic projections, sectioning, dimensioning, pictorial drawing and other drafting problems.

EN 104 (CS 124) DIGITAL COMPUTER PROGRAMMING (2-0-2). An introduction to FORTRAN programming principles and logic including input-output, flow charting, handling arrays and subprograms, all applied to problem solving. PREREQ: M 106 or M 108.

EN 107 ENGINEERING FUNDAMENTALS AND COMPUTER PROGRAMMING (3-0-3)(F/S). An introduction to engineering including subdivisions and organization of the professions, methods of analysis, computations, and vectors all of which include the use of computer programming. PREREQ: M 111 or equivalent.

EN 108 ENGINEERING GRAPHICS (2-2-2)(F/S). Engineering graphical analysis and graphic transmission of information including introduction to micro computer design and drafting systems.

EN 205 INTRODUCTION TO MECHANICS (3-0-3). Covers basic statics including equilibrium, static friction, centroids, moment of inertia plus dynamics by particle motion analysis. Kinetics of particles including concepts of force, mass, acceleration, work, and energy, impulse and momentum. PREREQ: M 204 or PERM/INST and PH 220.

EN 206 DYNAMICS OF RIGID BODIES (2-0-2)(S). Analysis of forces and the resulting motion as pertains to rigid bodies undergoing rotary and general plane motion. PREREQ: EN 205.

EN 215 BASIC SURVEYING (1-3-2)(F). A basic course in surveying serving as both a preliminary course for engineering majors and a complete course for forestry, construction management, and other non-engineering majors. Course covers use of transit, level, plane table, and computations relating to elevations, traverse and stadia surveys. PREREQ: M 111 or equivalent.


EN 221 SYSTEMS AND CIRCUITS I (3-4-3)(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 and circuit analysis methods. PREREQ: M 204.

EN 223 SYSTEMS AND CIRCUITS II (3-3-4)(S). 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. PREREQ: EN 221.

EN 227 ELECTRICAL ENGINEERING CIRCUITS (3-4-3)(F). A survey course in circuit analysis for engineering majors other than electrical and mechanical. Topics covered include D.C. and A.C. circuit analysis using the basic network theorems and analysis methods. PREREQ: M 204.

EN 230 DIGITAL CIRCUITS I (3-0-3)(F). An introduction to number systems, Boolean algebra, logic gates, Karnaugh mapping, combinational circuits, registers, and arithmetic operations. PREREQ: Math equivalent to M 106, 108, 111; offered every odd numbered year.

Upper Division

EN 301 FLUID MECHANICS (3-0-3)(S). Physical properties of fluids: fluid mechanics and measurements; viscous and turbulent flow, momentum, lift, drag, and boundary layer effects; flow in pipes and open channels. PREREQ: EN 205 and EN 206.

EN 306 MECHANICS OF MATERIALS (3-0-3)(S). Elasticity, strength, and modes of failure of engineering materials, theory of stress and strains for columns, beams and shafts. Three class periods per week. PREREQ: M 205 or PERM/INST and EN 205.

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 radiation. PREREQ: M 206 and PH 221.

EN 382 ENGINEERING ECONOMY (3-0-2). Economic analysis and comparison of engineering alternatives by annual-cost, present-worth, capitalized cost, and rate-of-return methods; income tax considerations. PREREQ: Junior standing.

Department of English

Liberal Arts Building, Room 228, Telephone (206) 385-1246

Chairman and Professor: Charles G. Davis; Professors: Boyer, Leahy, Martin, Sahni, Willis; Associate Professors: Cocotis, Fox, Guilford, Maguire, Papinchak, Peck, Rinnert, Sanderson, Trusky, Widmayer, Zirinsky; Assistant Professors: Ackley, Burnmaster, Case, Dayley, Evett, Hadden, King, Loej, McGuire, Nickerson, Selander, Thomas, Warner.

Degrees Offered

- BA, English, Liberal Arts
- BA, English, Secondary Education
- BA, English, General Literature emphasis
- BA, English, American Literature emphasis
- BA, English, British Literature emphasis
- BA, English, Linguistics emphasis
- BA, English, World Literature emphasis
- BA, English, Writing emphasis

MA in Education, English emphasis

(see Graduate College for details)

Department Statement

The major in English has traditionally served to develop skills of imagining, reasoning, and communicating. English majors have come to approach matters from a variety of points of view, to recognize patterns of information or ideas from incomplete reports and to understand other people as well as abstract principles. For these reasons the major in English has provided one of the most successful prepatations for professional degrees in law, medicine, and commerce.

Because the major serves students seeking personal development as well as professional training, the department has designed a series of major options to fit student needs. The Secondary Option fulfills Idaho certification requirements and prepares students to teach in school districts around the country. The General Option affords student most flexibility through limiting departmental requirements. The Liberal Arts emphasis, by requiring preparation in a number of areas, offers the broadest, most complete background in the disciplines.

Degree Requirements

All majors must fulfill general university requirements for the Bachelors of Arts degree.

1. BA, English, Liberal Arts emphasis

- Specific Courses
  - Survey of British Literature E240 and E260
  - Shakespeare E345, 346
  - Introduction to Language Studies L1305
  - History of the English Language L1309
  - History of Literary Criticism E393
  - Senior Seminar E498

- Area Requirements
  - American Literature E271, 272, 378, 384
  - Pre-1800 British Lit E340, 341, 348, 349
  - Post-1800 British-American Lit E360, 365, 366, 369, 377, 370, 384, 385, 389, 390, 467

- Upper Division

- Electives
  - Competence in a Foreign Language equivalent to two years of University instruction.

2. BA, English, Secondary Education

- Specific Courses
  - Survey of British Literature E240, E260
  - Shakespeare E345, 346
  - Introduction to Language Studies L1305
  - History of the English Language L1309
  - History of Literary Criticism E393
  - Senior Seminar E498

- Area Requirements
  - American Literature E271, 272, 378, 384
Pre-1800 British Lit E340, 341, 348, 349, 350, 351, 356, 358, 359 .............. 6
Special Option Requirements
a. Option 7-9 (Junior High)
   Writing E201, 401 (Instead of E393) ........................................ 3
   Language Li 307 and 307 or 405 ........................................... 6
   Methods* E301 and 381 or TE 335 .......................................... 3
   Speech ................................................................. 3
   Literature for use in Junior and Senior High School E481 .................. 3
   Upper Division English Electives ........................................... 6
   Western World Literature E230, 235 ..................................... 6
   Successful completion of Secondary Option Writing Proficiency exam.
   Idaho Certification Requirements** ....................................... 29-35
b. Option 10-12 (Senior High)
   Language Li 307 and 307 or 405 ........................................... 6
   Methods* E301 and 381 or TE 335 .......................................... 3
   Speech ................................................................. 3
   Advanced Writing E201, 305, 306, 401 .................................. 3
   Upper Division English Electives ........................................... 9
   Western World Literature E230 .............................................. 3
   Successful completion of Secondary Option Writing Proficiency exam.
   Idaho Certification Requirements** ....................................... 29-35
c. Option 7-12 (Composite)
   Language Li 307 and 307 or 405 ........................................... 6
   Methods* E301 and 381 or TE 335 .......................................... 3
   Speech ................................................................. 3
   Literature for use in Junior and Senior High School, E 481 ............ 3
   Advanced Writing E201, 305, 306, 401 .................................. 3
   Upper Division English Electives ........................................... 6
   Western World Literature E230 .............................................. 3
   Successful completion of Secondary Option Writing Proficiency exam.
   Idaho Certification Requirements** ....................................... 29-35
   Idaho Certification Requirements** ....................................... 29-35
   Indigenous Education TE 201 ........................................... 3
   Educ. Except. Secondary Student TE 333 ................................ 3
   Reading in Content Subjects TE 407 ...................................... 1
   Methods Courses* ..................................................... 6
   Secondary School Methods TF 381 ........................................ 3
   Secondary School Student Teaching ..................................... 10-16

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

3. BA, English, General Literature emphasis
   • Completion of 53 credits in English or Linguistics excluding E 101, E 102, E 111-H, and E 112-H.
     a. Of these credits, 38 must be upper division, including E 498, Senior Seminar.
     b. Of the upper division credits, 15 must be in British Literature, excluding E 385, E 389, and E 487.
   • No more than 9 credits may be in special topics courses in English or Linguistics.

4. BA, English, American Literature emphasis
   • Specific courses:
     Survey of American Lit, E 271, 272 .............................................. 6
     Shakespeare, E 345 or E 346 .................................................. 3
     American Renaissance, E 377 ............................................... 3
     American Realism, E 378 ...................................................... 3
     Lit of American West E 384 ................................................... 3
     Folklore, E 390 ............................................................... 3
     Senior Seminar, E 498 ........................................................ 2
   • Area requirements:
     Modern British & American Lit E 385, 389, 487 .......................... 3
     Lower Division Lit courses E 211, 213, 217, 219, 240 or 260 ........ 9
     Upper Division electives in Literature or Linguistics .................. 10
     American Political Theory PO 331 ....................................... 3
     Cultural Anthropology AN 102 (Area II) ................................ 3
     U.S. History HY 151, 354, 355, 356, 358, or 359 ....................... 3

5. BA, English, British Literature emphasis
   • Specific courses:
     Survey of British Literature E 240, 260 ..................................... 6
     Shakespeare E 345 or 346 ..................................................... 3
     Senior Seminar E 498 ........................................................ 2
   • Area Requirements:
     Pre-1800 British Lit courses numbered E 340-359 ....................... 12
     Post-1800 British Lit courses numbered E 360-369 ....................... 6
     Electives in British or American Lit (15 Upper Division) ............... 24
     British History HY 311, 312, 330 or 432 ................................ 3

6. BA, English, Linguistics emphasis
   • Specific courses:
     Intro to Linguistics Li 305 .................................................. 3
     Applied English Linguistics Li 307 ....................................... 3
     History of English Language Li 309 .................................... 3
     Modern English Structure Li 405 ....................................... 3
     Applied Linguistics in Teaching ESL Li 407 ............................ 3
     Esl Internship E 493 .......................................................... 3
     Senior Seminar E 498 ........................................................ 2
   • Area Requirements:
     Old or Middle English Language or Literature, excluding E 340, E 487, and foreign Lit read in original language ............................ 3
     Electives in literature lower or upper division ........................... 15
     Upper division electives in Lit. (12 British Lit) ......................... 15
     One year of a foreign language .......................................... 6-8
     A 2nd year of foreign language or one year of a 2nd foreign language ................................................................. 6-8
     Cultural Anthropology, AN 102 (Area II core) .......................... 3

7. BA, English, World Literature emphasis
   • Specific courses:
     Far Eastern Literature E 215 ............................................. 3
     Western World Lit E 230, 235 .................................................. 6
     19th & 20th Cent Continental Lit E 336, 338 .................................. 3
     Medieval Epic & Romance, E 341 ........................................... 3
     Shakespeare E 345 or 346 ..................................................... 3
     Folklore E 390 ............................................................... 3
     History of Literary Criticism E 393 ....................................... 3
     Senior Seminar E 498 ........................................................ 2
   • Area Requirements:
     Lower Division Lit—E 211, 213, 217, 240, 260, 271 or 272 ........ 6
     English Lit courses from E 340-369 ....................................... 9
     Upper Division electives in Lit or Linguistics ............................ 9
     World Drama TA 341, 342, or 445 ....................................... 3
     History, other than US or British .......................................... 6

8. BA, English, Writing emphasis
   • Specific courses:
     Advanced Expository Comp. E 201 ....................................... 3
     Technical Writing E 202 ..................................................... 3
     Advanced Writing E 401 ..................................................... 3
     Writing Internship E 493 ..................................................... 3
     Senior Seminar E 498 ........................................................ 2
   • Area Requirements:
     Creative Writing E 205, 206, 305, or 306 ................................ 6
     Additional upper division writing course ................................ 3
     Linguistics Li 305, 306, 307, or 309 ..................................... 6
     Lower Division electives ..................................................... 6
     Upper Division Lit electives ................................................ 12
     Additional upper division lit or ling electives .......................... 6
     Interdisciplinary electives, AS 315, CM 471, 473, 474, HY 480-499, CO 471, 15 311, PY 335, 408 or as approved by English Chair

Minor Endorsement In English
Advanced Composition .......................................................... 3
Linguistics ................................................................. 3
E 301, 381 ............................................................... 3
Survey of American Literature E 271, 272 .................................... 3
Lower Division Literature
   (To be selected from E 215, 230, 235, 240, 260) ...................... 6
Upper Division Literature ..................................................... 6
Successful completion of Secondary Option Writing Proficiency exam.

Theatre Arts Minor For English
Technical Theatre (basic set drawing and construction) TA 117 ........ 4
Technical Theatre (basic set design, painting, lighting) TA 118 ......... 4
Acting TA 215 ........................................................................ 3
Major Production Participation TA 331 .................................... 3
College of Arts and Sciences

One of the following:

Stage Voice TA 233 ........................................... 3
World Drama, 500 B.C. to 1660 TA 341 .................. 3
World Drama, 1660 to 1960 TA 342 ..................... 3
Contemporary Theatre TA 445 ............................ 3

Directing TA 401 ............................................... 3

One of the following:

Shakespeare: Tragedies and Histories E 345 ........... 3
Shakespeare: Comedies and Romances E 346 .......... 3

Total hours in Theatre Arts Minor for English Major ........ 23

**Combined Major, Communication and English**

The combined major is designed for students interested in jobs in business and industry or mass communication. It offers an opportunity to combine courses in complementary subject areas. Students may select an emphasis in Journalism or in Communication under the combined major.

Refer to the Department of Communication listing in this Catalog for specific requirements.

**Course Offerings**

**ENGLISH**

Students who transfer from other schools with qualifying scores on objective tests equivalent to those administered to Boise State University freshman will be required to take only the essay section of the placement tests. See requirements for remedial and advanced placement in English Composition. Nine credits of Creative Writing may be counted toward fulfillment of the major requirements.

**Lower Division**

E 010 DEVELOPMENTAL WRITING (1-2-3). Training in writing and editing processes with emphasis on correctness and sentence structure. Attention to fluency, organization, development, revision. Required if writing sample demonstrates need or if ACT, SAT, or TWE score is below 20th percentile. Also for basic review. Successful completion of E 101 satisfies the E 101 requirement for foreign students. 

E 101 ENGLISH COMPOSITION (3-9-3)(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. 

PREREQ: ACT score 20 or $ in Developmental Writing.

E 102 ENGLISH COMPOSITION (3-9-3)(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. 

PREREQ: E 101 or PRM/CHMN.

E 111, 112 HONORS COMPOSITION (3-6-3)(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, essays, and short fiction. Normal prerequisite: ACT of 80th percentile or above for E 111. Successful completion of competency test required. 

PREREQ: E 111 or PRM/CHMN for E 112.

E 120 ENGLISH AS A SECOND LANGUAGE (5-0-3)(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. 

PREREQ: Admission to college, recommendation of Foreign Student Advisor and PRM/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. 

PREREQ: Admission to College, recommendation of Foreign Student Advisor and PRM/INST. The sequence E 122-123 satisfies the E 101 requirement for foreign students.

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 relating to individual needs, advanced English sentence structure. 

For foreign students with TOEFL scores of 501-575. 

PREREQ: Admission to college, recommendation of Foreign Student Advisor and PRM/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 practice in the principles of formal and informal written English; principles of the essay and research paper; continuation of vocabulary development and mastery of the more complex types of English structure. 

PREREQ: Admission to college, recommendation of Foreign Student Advisor and PRM/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. 

PREREQ: Completion of or concurrent enrollment in E 101 or PRM/CHMN.

E 201 ADVANCED EXPOSITORY COMPOSITION (3-0-3)(F/S). An advanced writing course for students who wish to develop skills beyond those acquired in E 101. Composition. Students examine specimen pages of professional writing as well as criticizing the work of other students. 

Extensive writing practice stresses organization, clarity and effectiveness. 

PREREQ: E 102 or PRM/CHMN.

E 202 TECHNICAL WRITING (3-0-3)(F/S). Practice in writing the kinds of reports used in the sciences, social sciences, health services and industry. Students will improve the logic, organization and persuasiveness of their writing. 

Will not fulfill Area I requirements. PREREQ: E 102 or PRM/CHMN.

E 205 CREATIVE WRITING - Poetry (3-0-3)(F). Introduction to fiction writing with a concentration on descriptive technique. Readings in the short story.

E 206 CREATIVE WRITING-FICTION (3-0-3)(F). 

PREREQ: E 205.

E 213 AFRO-AMERICAN LITERATURE (3-0-3)(F). The Black experience as reflected in the development of Black American literature. This course relates Afro-American writing to its salient social and cultural conditions. It explores recurrent and characteristic themes, techniques, and genres from Slavery to the present. Emphasis is on Black writing from the 1930's to the present day. 

PREREQ: 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. 

PREREQ: 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 creative written literature. The use of form and style of oral narratives and the functions which these narratives serve in preliterate societies receive particular emphasis. 

PREREQ: E 102.

E 220 WESTERN WORLD LITERATURE (3-0-3)(F/S) (Area I). Introduction to writings of the great minds in the Western tradition which have shaped our cultural and literary past and present. Reading includes selections from ancient Greece, Imperial Rome, medieval Europe and Renaissance Europe. PREREQ: E 102.

E 225 WESTERN WORLD LITERATURE (3-0-3)(S/A). 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 skepticism and rebellion. 

PREREQ: E 102.

E 240 SURVEY OF BRITISH LITERATURE TO 1790 (3-0-3)(F/Area I). Examine the dominant cultural movements and literary forms in England from the middle ages through the 18th century. 

PREREQ: E 102.


PREREQ: E 102.

E 271 SURVEY OF AMERICAN LITERATURE: Beginnings to Civil War (3-0-3)(F/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. 

PREREQ: E 102.

E 272 SURVEY OF AMERICAN LITERATURE: Civil War to Present (3-0-3)(F/Area I). This course traces the continued development of American Literary thought as revealed in the works of such authors as Iwan, James, Hemingway, Eliot, and Faulkner. 

PREREQ: E 102.

**Upper Division**

E 301 TEACHING ENGLISH COMPOSITION (3-0-3)(F/S). Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, and integration of composition into all the other aspects of the total English program. Limited to teachers, students with a secondary option and a major in English, or consent of the Department. 

PREREQ: E 111 or E 305, Introduction to language Studies, or inservice teaching. 

E 305 CREATIVE WRITING - ADVANCED POETRY (3-0-3)(F). 

PREREQ: E 205 or PERM/INST based on evaluation of student's work. May be repeated for nine credit hours.


Recommended: E 206.

E 336 NINETEENTH-CENTURY CONTINENTAL LITERATURE (3-0-3)(F). 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, Sendahl,
E 338 TWENTIETH-CENTURY CONTINENTAL LITERATURE (3-0-3)(S). Twentieth-century philosophical and cultural themes are emphasized in the reading and study of works by Mann, Mann, Kafka, Hesse, Cioran, Camus, Sartre, and Beckett. PREREQ: E 102 or PERM/CHMN. Alternate years. Offered 1986/1987.


E 345 SHAKESPEARE: TRAGEDIES AND HISTORIES (3-0-3)(F/S). A selection of the tragic plays including Romeo & Juliet, Hamlet and King Lear, and the best plays concerning English history. PREREQ: Three credits literature or PERM/CHMN.

E 346 SHAKESPEARE: COMEDIES AND ROMANCES (3-0-3)(F/S). Representative plays from The Taming of the Shrew, A Midsummer Night's Dream, As You Like It, Twelfth Night, and The Tempest. PREREQ: Three credits of literature or PERM/CHMN.


E 350 SEVENTEENTH CENTURY POETRY AND PROSE (3-0-3)(S). The works of English authors such as Francis Bacon, Ben Johnson, John Donne, George Herbert, Andrew Marvell, Robert Burton, and Thomas Browne, who flourished in the first 60 years of the 17th century. The social, philosophical, and scientific background of this period. PREREQ: Three credits literature or PERM/CHMN. Alternate years. Offered 1986/1987.


E 359 BRITISH NOVEL: BEGINNINGS THROUGH AUSTEN (3-0-3)(F). An investigation of the novel tracing its roots and exploring the work of Defoe, Richardson,Fielding, Smollet, Sterne, Austen and others. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumptions about the world around us. PREREQ: 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 imagined patterns of emotional and intellectual response to our place in it. PREREQ: Three credits literature or PERM/CHMN.

E 365 VICTORIAN POETRY (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 artistic and moral hope amidst vital but unhealthy times. PREREQ: Three credits literature or PERM/CHMN.

E 366 VICTORIAN PROSE (3-0-3)(S). 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 and from art to amusement to reformism. PREREQ: Three credits literature or PERM/CHMN. Alternate years. Offered 1986/1987.

E 369 BRITISH NOVEL: SCOTT THROUGH HARDY (3-0-3)(F). An investigation of the development of the English novel from Scott to Hardy. Emphasis on the peculiar attention to the impact of Victorian thought on the genre and to the emergence of the modern novel. Includes Scott, Dickens, Thackeray, the Brontes, Eliot, Meredith, and Hardy. PREREQ: Three credits literature or PERM/CHMN.

E 377 AMERICAN RENAISSANCE (3-0-3)(F). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Cooper, Emerson, Thoreau, Poe and Whitman, acting under the various impulses of Puritanism, Romanticism and idealism, created the first universal vision of human experience to appear in American literature. PREREQ: Three credits of literature or PERM/CHMN.

E 378 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. PREREQ: Three credits of literature or PERM/CHMN.

E 381 METHODS OF TEACHING SECONDARY SCHOOL ENGLISH (3-0-3)(F). Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. PREREQ: Introduction to Language Studies II 305 or II 306.

E 384 LITERATURE OF THE AMERICAN WEST (3-0-3)(F/S). The literary merits of works by representative Western writers such as Wallace Stegner, Owen Wister, H.L. Davis, John Steinbeck, and Willa Cather. Also discussed are regional values and Western characters such as the mountain man, the cowboy and the pioneer. PREREQ: Three credits of literature or PERM/CHMN.


E 390 FOLKLORE (3-0-3)(F). Study of what folklore is, its written and oral traditions, its different genres. PREREQ: E 102.


E 401 ADVANCED WRITING (3-0-3)(F/S). Writing for the student who wants advanced training in expressing ideas. The emphasis is on developing effective prose styles, taking into account varieties of technique and their appropriateness for a specific audience. With fulfillment Area I requirement for graduation. PREREQ: E 102 or PERM/INST.

E 401 LITERATURE FOR USE IN JUNIOR AND SENIOR HIGH SCHOOLS (3-0-3)(F). A literary content course designed for prospective or experienced teachers of secondary English. Primarily designed for use in the reading of literature ordinarily used with adolescents in secondary schools. Secondary emphasis is placed on methods of critical analysis appropriate to secondary students. All genres will be discussed. Both classical and popular authors will be included. PREREQ: E 102, completion of two literature courses.

E 487 MODERN BRITISH AND AMERICAN POETRY (3-0-3)(F/S). A study of the radical changes Eliot, Pound, Yeats, and others made in poetry's tradition and thematic concerns early in this century. The course traces poetry's continuing metamorphoses into the present day. PREREQ: Three credits literature or PERM/CHMN.

E 488 METHODS AND THEORIES OF LITERARY CRITICISM (3-0-3)(S). A detailed study and theory of major critical methods and theories. PREREQ: E 393 or PERM/CHMN.

E 498 SENIOR SEMINAR (2-0-3)(S). Required of all senior English majors. PREREQ: Senior standing or PERM/CHMN.

HUMANITIES' LITERATURE

HU 207, 208 INTRODUCTION TO HUMANITIES (3-0-3)(Area I). Man's intellectual and creative heritage expressed in art, literature, philosophy, and architecture. PREREQ: E 102 or PERM/CHMN.

LI LINGUISTICS

LI 305 INTRODUCTION TO LANGUAGE STUDIES (3-0-3)(F). A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory, with emphasis on sound, word, sentence formation in English. PREREQ: E 102 or PERM/CHMN.

LI 307 APPLIED ENGLISH LINGUISTICS (3-0-3)(S). Application of linguistic theory and concepts to the teaching of English grammar and composition. Analysis of specific practical problems and structure encountered in instruction. Examination of tests and materials, reports on pertinent articles in professional journals and demonstrations. For teachers or prospective teachers of secondary schools. PREREQ: E 102 or PERM/CHMN.

LI 309 HISTORY OF THE ENGLISH LANGUAGE (3-0-3)(S). A study of the periods of development of English; Indo-European and Germanic backgrounds; development of writing; influence of social forces of change; dialects of English. Concentrated work with written documents in English language history. PREREQ: LI 305 or PERM/CHMN.

LI 405 MODERN ENGLISH STRUCTURE (3-0-3)(F/S). An approach to modern English grammar based on linguistic principles; will cover word formation and sentence structure included in transformational, structural, and newly developing theories of grammar. PREREQ: LI 305 or PERM/CHMN. Alternate years. Offered 19, 87/88.

LI 407 APPLIED LINGUISTICS IN TEACHING ENGLISH AS A SECOND LANGUAGE (3-0-3)(S). Designed to help teachers in the bilingual classroom or
teachers of students of limited proficiency in speaking English to understand to deal with the process of learning English. It will focus on identifying, defining, and remedying the specific problems that confront learners of a second language. PREREQ: LI 305 Alternate years. Offered 1987/88.

Department of Geology/Geophysics

Mathematics-Geology Bldg., Rm. 104  Telephone (208) 385-1631

Chairman, Associate Professor: Craig White; Professors: Donaldson, Hollenbaugh, Spinosa, Waag, Wilson; Associate Professors: Bentley, Pelton, Wood; Assistant Professor: Snyder.

Degrees Offered

- BS, Geology
- BS, Geophysics
- BS, Earth Science Education, Secondary Education
- MS, Education, Earth Science emphasis (see Graduate College for details)
- MS, Geology: cooperative program with Idaho State University (See Graduate College for details)

Special Information for Students

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 schools 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 curriculum offers a broad background of courses in Geology, Geophysics, Chemistry and Physics to support the Geophysics courses.

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.

For details regarding the Master of Science in Geology offered in cooperation with the Geology Department at Idaho State University, refer to the Graduate College section of this Catalog.

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

Nondegree course offerings in Geography meet the 15 credit requirement under the 30-15-15 Social Science, Secondary Education undergraduate or graduate thesis, or for participation in departmental research projects.

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Degree Requirements

GEOPHYSICS MAJOR
Bachelor of Science Degree Requirements

1. General University and BS Degree Requirements
   Note that Area III is fulfilled by the major requirements below.

2. Major Requirements:

   Geophysics:
   - Physical Geology GO 101
   - Historical Geology GO 103
   - Intro to Mineralogy GO 221
   - Field Geology GO 290
   - Geophysical Methods GP 320
   - Geophysical App. of Dig. Sig. Proc. GP 420
   - Exploration Geophysics GP 340
   - Geophysical App. of Dig. Sig. Proc. GP 420
   - Geophysical Electives

   Geology:
   - Physical Geology GO 101
   - Historical Geology GO 103

   Geophysics electives to total 30 credits

College Chemistry C 131, 132, 133, 134

General Physics PH 101-102

General Botany BT 103 and General Zoology Z 130

Mathematics through M 204

Recommended electives: Geography, Communication, Foreign Language, Mathematics, Life Science, Field Geology, Mineralogy

EARTH SCIENCE EDUCATION MAJOR
Bachelor of Science Degree Requirements

1. General University and BS degree requirements

2. Major Requirements:

   Geology:
   - Physical Geology GO 101
   - Historical Geology GO 103
   - Intro to Ocean Geology GO 210
   - Electro-Magnetism GO 211
   - Intro to Meteorology GO 213
   - Senior Seminar GO 498,499
   - Geomorphology GO 313
   - Geology electives to total 30 credits

   College Chemistry C 131, 132, 133, 134

   General Physics PH 101-102

   General Botany BT 103 and General Zoology Z 130

   Mathematics through M 204

   Intro to Descriptive Astronomy PH 105

   Electives

   Recommended electives: Geography, Communication, Foreign Language, Mathematics, Life Science, Field Geology, Mineralogy

3. Education Requirements

   Foundations of Education TE 201

   Educational Psychology P 325

   Educ. the Except. Secondary Student TE 333

   Reading in Content Subject TE 407

   Secondary School Science Methods TE 384

   Secondary School Methods TE 381

   Secondary Student Teaching

   NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.
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<th>Year</th>
<th>Recommended Programs</th>
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<tbody>
<tr>
<td><strong>FRESHMAN YEAR</strong></td>
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<td><strong>1st SEM</strong></td>
<td>College Chemistry C 131, 132, 133, 134</td>
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<td><strong>2nd SEM</strong></td>
<td>English Composition E 101-102</td>
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<td>Physical Geology GO 101</td>
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<td>Historical Geology GO 103</td>
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<td>Calculus &amp; Analytic Geometry I M 204</td>
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<td>Vector Calculus M 320</td>
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<td>Differential Equations M 331</td>
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<td>Lin Sys and Sig Proc CS 426</td>
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<td><em>Electives</em> <em>recommended electives usually include 3 courses tailored to an individual student's needs. See an advisor for assistance.</em></td>
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<td><strong>SOPHOMORE YEAR</strong></td>
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<td><strong>1st SEM</strong></td>
<td>Cartography GO 220 or alternate</td>
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<td><strong>2nd SEM</strong></td>
<td>Intro to Mineralogy GO 221</td>
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<td>ig &amp; Met. Petrology GO 323</td>
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<td>Field Geology GO 280</td>
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<td>Mechanics, Waves and Heat <em>Lab PH 211</em></td>
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<td>Calculus &amp; Analytic Geometry M 205</td>
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<td>Algebra &amp; Trigonometry M 111</td>
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<td>Area I &amp; II Electives</td>
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<td>Structural Geology GO 314</td>
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<td>Sedimentation &amp; Stratigraphy GO 310</td>
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<td>Geophysics GO 313</td>
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<td><strong>SENIOR YEAR</strong></td>
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<td><strong>1st SEM</strong></td>
<td>Senior Seminar GO 498 or 499</td>
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<td><strong>2nd SEM</strong></td>
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<td>Free Electives at least 3 cr. of upper division</td>
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<td><strong>EARTH SCIENCE EDUCATION MAJOR</strong></td>
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<td>Mathematics M 111, 204</td>
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<td><strong>GEOPHYSICS MAJOR</strong></td>
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<td>Geophysics Field Camp GO 482-483</td>
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<td><strong>1st SEM</strong></td>
<td>Linear Systems &amp; Signal Proc CS 426</td>
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<td><strong>2nd SEM</strong></td>
<td>Exploration Well Logging GP 410</td>
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<td>Geophysics Field Camp GO 482-483</td>
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<td><strong>SENIOR YEAR</strong></td>
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<td><strong>1st SEM</strong></td>
<td>Calculus Analytic Geometry I M 204</td>
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<td><strong>2nd SEM</strong></td>
<td>Calculus &amp; Analytic Geometry II M 205</td>
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<td>Area I or II or Elective</td>
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<td>Structural Geology GO 314</td>
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<td>Geophysics GO 313</td>
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GO GEOLOGY

Lower Division

GO 100 FUNDAMENTALS OF GEOLOGY (3-2-4)(Area III)(field trip required).
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. Open to all students except those with previous credit in 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)(field trip required). A study of the origin and development of the earth, its materials and processes. Topics include weathering, erosion, volcanism, earthquakes, landscapes and plate tectonics. Rocks, minerals and topographic and geologic maps are studied in the laboratory.

GO 103 HISTORICAL GEOLOGY (3-3-4)(Area III)(field trip required). A study of the origin and progressive development of the earth and evolution of plants and animals. The geologic history of the earth is treated in considerable detail. Prehistoric life and fossil study, as well as field trips to fossil beds are included in the laboratory work. PREREQ: GO 101.

GO 105 ROCKS AND MINERALS (2-3-3)(Area III). A systematic study of rocks and minerals, with emphasis on physical characteristics and methods of identification. Field trips and laboratory sessions are part of the course for those taking the class for credit. PREREQ: High school chemistry or PERM/INST.

GO 111 GEOLOGY OF IDAHO AND THE PACIFIC NORTHWEST (3-3-3)(field trip required). A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and scenic features, structural and stratigraphic features, mineral deposits, fossil and geomorphic areas and current problems in natural resource products. PREREQ: GO 103 or PERM/INST.

GO 201 INTRODUCTION TO OCEAN GEOLOGY (3-0-3)(F/S). A general study of the physiography, the structures, and the sediments of the ocean floors and the geologic and biologic processes and environments. PREREQ: GO 101.

GO 213 INTRODUCTION TO METEOROLOGY (3-0-3). A study of the weather phenomena in terms of origin, distribution, and classification. Instruments and research methods are also investigated. PREREQ: GO 101.

GO 221 MINERALOGY (2-3-3)(F). A study of the chemical and physical properties of rocks and minerals and their relationships to physical environments. The laboratory work includes the study of crystal models and field hand specimens of about 100 important minerals. PREREQ: GO 101. COREQ: C 131.

GO 222 OPTICAL MINERALOGY (1-3-2)(F). The theory and application of the polarizing microscope to the examination of minerals in immersion media and primarily in thin sections. The study of crystal optics and the use of the petrographic microscope for the identification and quantitative examination of minerals. COREQ: GO 221.

GO 259 PRINCIPLES OF PALEONTOLOGY (2-3-3)(F). Overview of paleontology for nongeology majors. Evolution, taxonomy and description of important fossil groups are stressed. Laboratory study of small collections and simple museum methods. Term paper or project.

GO 280 FIELD GEOLOGY (1-6-3)(F)(field trip required). Techniques of field mapping to solve geologic problems. Field study of geologic maps, stereopair air photos, Brunton compass, and plane-table alidade for mapping. A detailed geologic map and written geologic report will be made, interpreted in area range and moderate complexity rocks. Two weekend field trips required. Required field work on Friday afternoons. PREREQ: GO 101, 103, E 102. COREQ: M 111.

Upper Division

GO 310 SEDIMENTATION AND STRATIGRAPHY (3-1-4)(S). The study of the transportation and deposition of sediments and their depositional environments. Emphasis is placed on the identification and correlation of sedimentary facies and on basin analysis. PREREQ: GO 103, GO 323.

GO 313 GEOMORPHOLOGY (2-3-3)(F)(Field trips required). A study of the features of the earth's surface such as mountains, valleys, beaches, and rivers and the processes by which they are formed and changed. Laboratory work consists of maps study and field investigations. PREREQ: GO 103, E 102.

GO 314 STRUCTURAL GEOLOGY (3-3-4)(S). (Field trips required). Fundamentals of descriptive, kinematic and dynamic analysis of structures within the Earth's crust, and a theoretical treatment of stress and strain. Laboratory work in orthographic and stereographic methods, and solution of structural problems using geologic maps and cross-sections. PREREQ: M 111, GO 101, 221, 222.

GO 323 IGNEOUS AND METAMORPHIC PETROLOGY (2-3-3)(S). A study of igneous and metamorphic rocks with emphasis on the physical and chemical constraints on their origin, occurrences and associations. The classification and characteristics of these rocks and their tectonic affinities. PREREQ: GO 221, GO 232, COREQ: GO 324.

GO 324 IGNEOUS AND METAMORPHIC PETROGRAPHY (0-3-1)(S). The study of igneous and metamorphic rocks in thin section by means of the polarizing microscope. A systematic survey of the classes of igneous an metamorphic rocks and study of their origin and histories through examination of their mineralogy, textures, fabrics, and alteration. PREREQ: GO 232 COREQ: GO 323.

GO 351 INVERTEBRATE PALEONTOLOGY (2-3-3)(F)(field trip required). The study of the invertebrate phyla represented in the fossil record. Special emphasis is placed on hardpart morphology, ontogeny, phylogeny and taxonomy of geologically important invertebrates. Laboratory work based on standard collections. Special project. PREREQ: GO 101.

GO 403 ENGINEERING GEOLOGY (2-3-3)(S). (Field trip required). Introduction to soil and rock mechanics. Slope stability analysis. Surface and subsurface exploration of sites. Geotechnical and geophysical considerations for construction projects. Current applications of geology to engineering projects. Alternate years. PREREQ: GO 280, PH 102 or PH 220, GO 323 or PERM/INST.

GO 412 HYDROGEOLOGY (3-0-3)(S)(field trip required). The study of subsurface water and its relationship to surface water, the hydrologic cycle and the physical properties of aquifer systems. Flow nets and flow through porous and factured media. Methods of determination of aquifer characteristics and performance, and groundwater modeling. PREREQ: GO 310, 314.

GO 421 ORE DEPOSITS (2-3-3)(F)(Field trips required). Genesis, structure, associations and classification of mineral deposits. Discussion of modern theories of ore deposition, origin, and migration of ore-bearing fluids, and the processes of alteration, and secondary enrichment, controls of ore occurrence and the economics of exploration, development, and use of ores. Laboratory work consists of detailed studies of ore and alteration suites. Transmitted and reflected-light microscopy will be used to supplement hand specimen study.

GO 422 EXPLORATION AND MINING GEOLOGY (3-3-3)(S). The course emphasizes geologic, engineering, and economic factors as they relate to exploration for and developing mineral deposits. The philosophy and methodology of systematically gathering, evaluating, and presenting data pertinent to exploration and development discussions are also studied. Field trips required.

GO 431 PETROLEUM GEOLOGY (2-3-3)(S)(field trips)(Odd years). A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution, and methods and techniques for prospecting and development of oil and gas fields. PREREQ: GO 103.

GO 460G VOLCANOLOGY (2-2-3)(F)(Field trip)(odd years). A study of volcanic processes and the deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of magma 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-geologic relationships will be emphasized. An independent project pertaining to volcanoes or volcanic rocks will be required of all students taking the course for graduate credit. PREREQ: GO 323.

GO 471G REGIONAL FIELD STUDY (1, 2, or 3 CR)(F/S)(5-5-5). Field trips and field exercises to study geology of classic localities in North America. Review of pertinent literature and map, map and cross-section based upon mapping experiences and the preparation of a comprehensive report on the geology of the areas visited. PREREQ: GO 103 or PERM/INST.

GO 482 GEOLOGY SUMMER FIELD CAMP (0-4-4)(S). The study of geology in its natural environment, the field. Emphasis is upon geologic mapping, the collection, plotting and analysis of data to solve geologic field problems, mapping on aerial photographic and topographic base. Student should expect to be in the field 8-10 hours per day, 6 days per week for 4 weeks. Students working toward a professional degree in geology (Bachelor of Science) at BSU must take COREQ: GO 483.

GO 483 GEOLOGY SUMMER FIELD CAMP REPORT (0-2-2)(SU). A comprehensive report on a summer field camp. Field report and cross-section must be professional quality. COREQ: GO 482.

GO 493 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 conclusive result. Project may be substituted for GO 480 upon approval of a written proposal by a committee of three department faculty members. PREREQ: Senior Standing.

GO 498, 499, GEOLOGY SEMINAR (1-0-1). Research project based on field and/or literature studies. Fundamentals of geologic report preparation and oral presentations. PREREQ: Geology, Geophysics or Earth Science Education major.

GG GEOGRAPHY

Lower Division

GG 101 INTRODUCTION TO GEOGRAPHY (3-4-3)(F/5)(Area II). A survey of earth environments, basic concepts and techniques used in geography and the utilization of natural and human resources. PREREQ: 102.

GG 102 CULTURAL GEOGRAPHY (3-3-0)(F/5)(Area II). A study of the distribution and character of cultural activities throughout the world with emphasis on man-land relationships.

GG 201 THE USE AND INTERPRETATION OF MAPS (3-5-0)(F/S). An intensive use of interpretation, map and cross-section based upon mapping experiences and limitations for students of various fields, such as Archaeology, History, Geology and Teaching.

GG 220 CARTOGRAPHY (1-3-2)(F/S). A study of the methods, concepts, techniques and instrumentation of map collection, plot and graphic presentation of data through the use of coordinate systems, map projections and scale. Lettering tools, graphic design, dimensional problems, computer mapping, and aerial photographs are discussed.
GG 221 GEOGRAPHY OF IDAHO AND THE PACIFIC NORTHWEST (3-0-3)(F,S). A study of the natural 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. Current problems and problem solving in accordance with the knowledge base.

GG 231 GEOGRAPHY OF CANADA AND LATIN AMERICA (3-0-3)(F). A study of the natural and cultural geographies of Canada and Latin America with emphasis on the resources, environments, peoples and potential of each region. PREREQ: GG 101, PERM/INST.

GG 241 GEOGRAPHY OF AFRICA AND THE FAR EAST (3-0-3)(F). The physical and cultural geography of Africa and the Far East with emphasis on the relationships and changes within the regions. Topics include the various landscapes, flora and fauna, peoples and problems. PREREQ: GG 101, PERM/INST.

Upper Division

GG 301 HISTORICAL GEOGRAPHY OF THE UNITED STATES (3-0-3)(F,S). The course explores the changing physical and cultural landscapes of the United States through time and space and analysis of the various regions. Included is the study of the distribution and relationships between peoples, land and resources. PREREQ: GG 102 PERM/INST.

GG 311 WORLD ECONOMIC GEOGRAPHY (3-0-3)(F,S). A real distribution and variation of resources and human activity related to producing, exchanging and consuming commodities. Economic activities are studied in the context of where they occur, their regional characteristics and their relationship to national or international phenomena. PREREQ: GG 101, or PERM/INST.

GG 321 CONSERVATION OF NATURAL RESOURCES (3-0-3)(F). Informative study of natural resources, their use and relative values. Discussions will include perception, attitudes, character of resources, demand factors, social implications, and population characteristics. Local and regional examples are emphasized. Upper level students Conservation issues will serve as guest speakers. PREREQ: GG 101 or PERM/INST.


GG 340 GEOPHYSICS (3-0-3)(F). An introduction to the study of the earth's gravity, magnetism, electricity, seismicity, heat and radioactivity and the significance of these properties in understanding the complexities of the earth. Alternate years. PREREQ: PH 102.

GP 302 PHYSICS OF THE EARTH (3-0-3)(F). The course will include a discussion of the earth's gravity, magnetism, electricity, seismicity, heat and radioactivity and the significance of these properties in understanding the complexities of the earth. Alternate years. PREREQ: PH 102.

GP 301 INTRODUCTION TO APPLIED GEOPHYSICS (3-0-3)(F). A survey of surface based geophysics methods, including elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, and electrical techniques. Application of various techniques to exploration geology (economic and petroleum), engineering geology and groundwater geology will be stressed. Alternate years. PREREQ: PH 102, GO 101.

GP 310 GRAVIMETRIC AND MAGNETIC METHODS (3-0-3)(F). Basic potential field theories, instrumentation, reduction of observed data, methods of data interpretation. Applications to petroleum and mineral exploration, geotechnical and engineering investigations. PREREQ: GO 101; must be concurrently taking or have taken PH 222, PH 224.


GP 410 EXPLORATION WELL LOGGING (2-3-3)(F). Fundamentals of geophysical and geological well logging applied to petroleum, groundwater, and engineering site exploration. Examples of conventional interpretation of logs in sedimentary sections, and special considerations of logs in igneous and metamorphic rocks and fresh-water bearing sections. Integration of well logging, seismic reflection data, and surface geology. PREREQ: GO 340, PREREQ: GO 310.

GP 420 GEOPHYSICAL APPLICATIONS OF DIGITAL SIGNAL PROCESSING (3-0-3)(F). Digital processing of geophysical data including stacking, filtering, deconvolution, migration, synthetic seismograms, two-dimensional operations. PREREQ: CS 426.

GP 430 MATHEMATICAL MODELING IN GEOPHYSICS (3-0-3)(F). Introduction to useful mathematical techniques in geophysics. Examples include: Taiwan modeling, statistical evaluation of aeromagnetic anomalies, and finite element and finite-difference techniques applied to seismic wave propagation. PREREQ: M 331, M 301, M 406, CS 426.
College of Arts and Sciences

4) M 431-432 Probability and Statistics
5) M 441-442 Abstract Algebra

4) M 431-432 Probability and Statistics
5) M 441-442 Abstract Algebra

d. And a 400-level course (numbered below M/CS 490) in addition to those in the sequence selected.

All upper division mathematics courses numbered below M/CS 490 count toward the requirement of 27 upper division mathematics credits. No more than 4 credits of the combined total of credits earned for courses numbered M/CS 490 through M/CS 499 can be used toward the 27 credits of upper division mathematics requirements.

MATHEMATICS, SECONDARY EDUCATION MAJOR
Bachelor of Science or Bachelor of Arts Degree

1. University Requirements for BS or BA Degree
2. Mathematics Requirements:
   a. Computers: CS 122 or 124
   b. Calculus through M 206 or M 212
   c. Linear Algebra: M 301
   d. At least one of
      1) Intro. to Abstract Algebra M 302
      2) Number Theory M 306
   e. Foundations of Geometry M 311
   f. Foundations of Analysis M 314
   g. Statistics M 361 or both M 431-432
   h. Mathematical Modeling M 464
   i. Mathematics in Secondary Schools M 490
3. Either 45 semester hours of Mathematics or 30 semester hours of Mathematics and an approved area of emphasis outside of Mathematics.

NOTE: for those students planning to teach junior high school mathematics, M 103 is strongly recommended.

4. Education Requirements - 26-32 credits. See "Certification Requirements and Endorsements for Secondary Education", in the section for the Department of Teacher Education.

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Suggested Programs

MATHEMATICS MAJOR

FRESHMAN YEAR
Calculus M 204-205 or M 211-212
English Composition E 101-102 or E 111-112
Pascal Programming CS 125
Introduction to Computer Science CS 127
Area I and Area II core requirements
Area III Core Requirements
College Chemistry C 131-134
Mechanics, Wave and Heat + Lab PH 211-212

SOPHOMORE YEAR
Calculus M 206
Linear Algebra M 301
Differential Equations M 331
Intro to Abstract Algebra M 302
Area I and Area II core requirements
Suggested electives:
   Prin of Economics EC 201-202
   Electricity, Magnetism and Optic + Lab PH 213-214

JUNIOR YEAR
Foundations of Analysis M 314
Discrete Math Structures M 356
OR
   Number Theory M 306
   Linear Programming M 456
Probability and Statistics M 431-432
Area I and Area II core requirements

SENIOR YEAR
Advanced Calculus M 401-402
Abstract Algebra M 441-442
Senior Seminar M 498
Area I and Area II core requirements

MATHEMATICS MAJOR
Emphasizing Computer Science

FRESHMAN YEAR
Calculus M 204-205 or M 211-212
English Composition E 101-102 or E 111-112
Pascal Programming CS 125
Intro. to Computer Science CS 127
Area I and Area II core requirements
Suggested electives and requirement alternatives:
   Fund of Speech Comm CM 111
   Intro to Logic PY 121
College Chemistry & Labs C 131-134
Mechanics, Waves & Heat + Lab PH 211-212

SOPHOMORE YEAR
Calculus M 206
Assembler Programming CS 226
Linear Algebra M 301
Area I and Area II core requirements
Suggested electives and requirement alternatives:
   Applied Programming PH 225
   COBOL I IS 360
   Differential Equations M 331
   Economics EC 201-202
   Electricity, Magnetism & Optics + Lab PH 213-214

JUNIOR YEAR
Data Structures CS 356
Programming Languages CS 354
Discrete Structures M 356
Numerical Analysis M 340
Area I and Area II core requirements
Suggested electives and requirement alternatives:
   Introduction to Abstract Algebra M 302
   Foundations of Analysis M 314
   Technical Writing E 202

SENIOR YEAR
Systems Programming CS 451
Probability and Statistics M 431-432
Mathematical Modeling M 464
Area I and Area II core requirements
Suggested electives and requirement alternatives:
   Internship M/CS 493
   Prin of Finance FI 303
   Data Base Applications IS 405
   Systems Analysis and Design IS 420
   Software Design IS 430

MATHEMATICS, SECONDARY EDUCATION

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

FRESHMAN YEAR
Calculus M 204-205 or M 211-212
General Psychology P 101
Foundations of Education TE 201
Linear Algebra M 301
Electives
TOTAL

SOPHOMORE YEAR
Calculus M 206
General Psychology P 101
Foundations of Education TE 201
Linear Algebra M 301
Electives
TOTAL

JUNIOR YEAR
Foundations of Analysis M 314
Algebra M 302 or Number Theory M 306
Statistics M 361 or 431 and 432
Educational Psychology P 325
Electives
TOTAL

SENIOR YEAR
Foundations of Algebra M 441
Area I and Area II core requirements
Electives
TOTAL

Teaching Reading in Content Subjects TE 407

TOTAL

56
Course Offerings

CS COMPUTER SCIENCE

Lower Division

CS 109 INTRODUCTION TO COMPUTERS (3-1-4). The potential and limitations of computers, and their impact on society. The course includes an introduction to computer hardware and programming. Designed for non-science majors. PREREQ: Satisfactory score on placement exam SK.

CS 124 A FIRST COURSE IN PROGRAMMING (2-4-2). Programming using a conversational language such as BASIC with a small computer. PREREQ: Satisfactory score on placement exam BA.

CS 124 DIGITAL COMPUTER PROGRAMMING (2-4-2). Beginning FORTRAN. See EN 105. Credit cannot be obtained for both CS 124 and EN 104.

CS 125 PASCAL PROGRAMMING (3-0-3). An introduction to the Pascal programming language: structured programming, logical control, procedures and functions, data types, I/O and files. PREREQ: M 111 or M 106 or PERM/INST.

CS 127 INTRODUCTION TO COMPUTER SCIENCE (4-0-4). Concepts of assembly language programming; number systems and data representation; algorithms; procedures and subroutines; files; recursion; elementary data structures; searching and sorting; floating point errors; good programming practice; structured design, testing and verification. PREREQ: CS 125 or CS 124.

CS 226 ASSEMBLER LANGUAGE (4-4-4). Assembly language programming for the IBM 370. Data representation, the machine instructions, looping, address modification, hands-on output, program sectioning and linking, macros. PREREQ: CS 127 or M 105 or PERM/INST.

CS 227 PROGRAMMING IN 'C' IN THE UNIX ENVIRONMENT (4-4-4). Students will learn the 'C' programming language at the University's UNIX-based computers. They will learn how to use UNIX and some of the development tools available under the UNIX operating system. PREREQ: CS 127 or PERM/INST.

CS 341 INTRODUCTION TO COMPUTER GRAPHICS (3-0-3). The mathematics and programming techniques of computer graphics, including line drawing, presentation graphics, two- and three-dimensional transformations, hidden line and surface removal, clipping. PREREQ: M 206 or M 212 and CS 125.

CS 354 PROGRAMMING LANGUAGES (4-4-4). A comparison of current languages (such as FORTRAN, Icon, Lisp, Ada), their programming and design syntax and semantics. Introduction to assembly language programming, concepts of compiler construction, an introduction to compiler construction tools under UNIX. PREREQ: CS 227, 234, and 358.

CS 358 DATA STRUCTURES (4-0-4). The representation of data, lists, stacks, queues, storage mapping, tree structures, hierarchical data structures, recursion, searching and sorting, codes, data structures in programming languages. PREREQ: CS 127 or PERM/INST.

CS 426 LINEAR SYSTEMS AND SIGNAL PROCESSING (4-4-4). Introduction to linear systems and Fourier analysis of continuous and discrete signals. Examples of applications will be drawn from the physical, biological, and social sciences. PREREQ: M 331 and a knowledge of FORTRAN, BASIC, or Pascal or PERM/INST.

CS 451 SYSTEMS PROGRAMMING (4-4-4). Machine language programming, assembly language programming, concepts of compiler construction, an introduction to compiler construction tools under UNIX. PREREQ: CS 227, 354, and 358.

CS 471 SOFTWARE DESIGN AND IMPLEMENTATION (3-0-3). A formal study of software design specification and verification processes. This course will implement a project. PREREQ: CS 451 or PERM/INST.

M MATHEMATICS

Lower Division

M 012 ARITHMETIC REVIEW (2-0-0). A review course for those who have forgotten how to add, subtract, multiply, and divide using whole numbers, fractions, decimals, percents and signed numbers. Applications include measured of weight, area, and volume.

M 1000 ALGEBRA REVIEW (3-0-0). A refresher course for students in education, engineering, science, or business. Algebra is covered from fundamental operations through the level required for M 103, 105, 106, 108 or CS 122. PREREQ: Satisfactory score on arithmetic placement exam.

M 100 MATHEMATICS FOR LIBERAL ARTS STUDENTS (3-0-3). Designed for liberal arts students. Emphasis is on the nature of mathematical knowledge, its meaning, methodology, and use. Generally taken from the elementary materials in set theory, logic, number theory, algebra, geometry, probability, statistics, graph theory. PREREQ: Satisfactory score on placement exam SK.

M 103-104 ELEMENTARY MATHEMATICS FOR TEACHERS (3-2-4). Fundamental concepts of mathematics, including the study of the development of the number systems from the whole numbers through the reals, numeration, number operations, number properties, algorithms. Probability, algebraic and geometric principles, measurement, and topics selected from graphing or computing. The course includes a two-hour laboratory per week which uses physical models appropriate to the content of the course. PREREQ: high school algebra and geometry and satisfactory score on the algebra placement exam.

M 105 MATHEMATICS FOR BUSINESS DECISIONS (4-4-0). Matrices, systems of linear equations, graphing, linear programming, discrete probability. PREREQ: Satisfactory score on placement exam BA.

M 106 MATHEMATICS FOR BUSINESS DECISIONS (4-4-0). Limits, derivatives, curve sketching, partial derivatives, optimization problems, and integrals. PREREQ: M 105, 106 or 111.

M 108 INTERMEDIATE ALGEBRA (4-4-0). Intermediate algebra with plane trigonometry. PREREQ: Satisfactory score on placement exam BA.

M 111 ALGEBRA AND TRIGONOMETRY (5-4-3). Equations and inequalities, systems of linear equations or inequalities, functions and their inverses, exponential and logarithmic functions, graphing, sequences, mathematical induction, binomial theorem, basic theory of equations, trigonometric identities, solution to trigonometric equations, and De Moivre's theorem. PREREQ: Satisfactory score on placement exam AA (advanced algebraic).

M 120 APPLIED STATISTICS WITH THE COMPUTER (4-4-0). Pre-calculus treatment of probability and statistics. Emphasis on concepts and applications rather than on proofs. Use of available computer statistics packages to handle computations. PREREQ: M 108 or M 111.

M 204 CALCULUS AND ANALYTIC GEOMETRY (5-4-3). Plane analytic geometry, functions, limits and continuity. The derivative and applications. The integral and applications. Conic sections and translation of axes. PREREQ: Satisfactory score on placement exam CR.


M 206 CALCULUS AND ANALYTIC GEOMETRY (4-4-0). Three-dimensional analytic geometry and introduction to vector algebra and calculus of vector valued functions. Partial differentiation and multiple integration. PREREQ: M 205.

M 211 ACCELERATED CALCULUS (5-4-3). 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. Students must have a strong high school background or have completed either M 106 or 111 with a grade of A.

M 212 ACCELERATED CALCULUS (5-4-3). Solid analytic geometry, vectors and vector functions, partial derivatives, multiple integration, series, introduction to differential equations. PREREQ: M 211.

M 225 INTERMEDIATE APPLIED PROGRAMMING (2-0-2). Intermediate FORTRAN. See PH 225. Credit cannot be obtained for both PH 225 and M 225.

Upper Division

M 301 LINEAR ALGEBRA (4-0-4). Matrix algebra, determinants, vector spaces and linear transformations. PREREQ: M 206 or 212.

M 302 INTRODUCTION TO ABSTRACT ALGEBRA (3-0-3). Sets, groups, integral domains, rings, fields. PREREQ: M 302.

M 306 NUMBER THEORY (3-0-3). Primes, congruences, Diophantine equations, residues, quadratic reciprocity, and continued fractions. PREREQ: M 205 or 212.

M 311 FOUNDATIONS OF GEOMETRY (3-0-3). Euclidean, non-euclidean, and projective geometries from an axiomatic point of view. PREREQ: M 301.

M 312 COMBINATORIAL GEOMETRY (3-0-3). Study of curves and surfaces in Euclidean spaces, maps, networks, topological equivalence of figures, topological spaces, and metric spaces. PREREQ: M 205 or 212. Odd-numbered years.

M 314 FOUNDATIONS OF ANALYSIS (3-0-3). Logic, axiomatics, sequences, foundations of calculus, real numbers. PREREQ: M 206 or 212.

M 320 VECTOR CALCULUS (2-0-2). Vector valued functions of several variables, line and surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem. PREREQ: M 206 or 212.

M 331 DIFFERENTIAL EQUATIONS (3-4-3). Theory of ordinary differential equations with applications to the physical sciences and engineering. PREREQ: M 206 or 212.

M 340 NUMERICAL ANALYSIS (4-4-4). The application of numerical methods
to the interpretation and analysis of data, solution of equations, general iterative methods, approximation of functions, error analysis.  
PREREQ: M 206 or M 212 and a working knowledge of BASIC, FORTRAN OR PASCAL.

**M 356 DISCRETE MATHEMATICAL STRUCTURES (3-8-3).** The study of fundamental logical and combinatorial concepts from mathematics useful in abstracting ideas in other disciplines. Special emphasis will be placed on applications to computer science. Topics are: combinatorics with emphasis on enumeration, logical deduction, sets, relations, graphs and directed graphs, trees, and networks. PREREQ: M 206 or M 212 or PERM/INST.

**M 351 FUNDAMENTALS OF STATISTICS (4-8-4).** Discrete probability, random variables, distributions, central limit theorem, descriptive statistics, regression and correlation, tests of hypotheses, design of experiments and sampling surveys. PREREQ: One of M 105, 205, 212.

**M 401-402 ADVANCED CALCULUS (3-8-3).** The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, theory of integration, and infinite series. PREREQ: M 314.

**M 406G THEORY OF FUNCTIONS OF A COMPLEX VARIABLE (3-8-3).** Complex numbers, functions of a complex variable, analytic functions, infinite series, integration, and conformal mapping. PREREQ: M 206 or M 212.

**M 411 INTRODUCTION TO TOPOLOGY (3-8-3).** Sets, metric spaces topological spaces, continuous mappings, connectedness, compactness. PREREQ: M 314.

**M 421 FOURIER SERIES AND BOUNDARY VALUE PROBLEMS (3-8-3).** The wave equation, the heat equation, and Laplace's equation. Orthogonal sets of functions and Fourier series solutions. Boundary value problems. PREREQ: M 212.

**M 431G-432G PROBABILITY AND STATISTICS (3-8-3)/(3-8).** Basic concepts of probability theory, sample spaces, random variables, mathematical expectation, the central limit theorem, estimation and testing of hypotheses. PREREQ: M 212 or M 216.

**M 441-442 ABSTRACT ALGEBRA (3-8-3).** Group theory, homomorphism theorems, Sylow theorems, ring theory, ideal theory, field theory, field extensions, and Galois groups. PREREQ: M 301, 302.

**M 45G LINEAR PROGRAMMING (4-8-4).** The simplex algorithm, two-phase method, simplex algorithm for problems with bounded variables, duality theory, postoptimality analysis, and transportation and assignment problems. PREREQ: M 301.

**M 464 MATHEMATICAL MODELING (3-8-3).** Introduction to mathematical modeling through case studies. Deterministic and probabilistic models. Optimization. Examples will be drawn from the physical, biological, and social sciences. PREREQ: M 361 and CS 122 or PERM/INST.

**M 490 MATHEMATICS IN SECONDARY SCHOOLS (3-8-3).** Objectives, content, and methods of secondary school mathematics programs. PREREQ: Six hours of Mathematics completed at, or above the 300 level.

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**Department of Music**

Morrison Center, Room C-100  
Telephone (208) 385-1771

**Chairman and Professor:** Wilber E. Elliott; **Associate Chairman and Associate Professor:** Donald Oakes; **Professors:** Baldwin, Hsu, Shelton, Winston; **Associate Professors:** Brett, Parkinson, Rozmajzl, Schroeder; **Assistant Professors:** Baldassarre, Belfy, Berg, C. Elliott, Samball, Thomason, Wells.

**Degrees Offered**

- **BA and BM in Music**
- **BM in Music Education**

**Department Statement**

Gifts and Memorials to the Music Department: The Music Department has been the recipient of many fine gifts of instruments, music, scholarship donations; and record collections from friends and supporters of the Department. In the Hemingway Center for Western Studies is housed the J.W. Cunningham Memorial Pipe Organ, a three manual Austin Organ of 45 ranks and 54 registers, given to the University by Laura Moore Cunningham. It is used for concerts, teaching and practice purposes. The console for the Harry W. Morrison Memorial Carillon built by Maas-Rowe, is also in the Hemingway Center for Western Studies. Given as a memorial to her husband by Mrs. Virginia Morrison, the Carillon System chimes the hours and half-hours and daily plays short programs of carillon music.

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

- **Dr. & Mrs. Robert deNeufville**  
  Alice Gould
- **Dr. & Mrs. Arthur C. Jones**  
  Senator Len Jordan
- **Bryant S. Martineau**  
  Marjorie Palmquist
- **Mr. & Mrs. Edward Uitley**  
  William K. Dunkley Family
- **Mrs. Eli Weston**

**Scholarship endowments have been given in the names of Margaret Drake, Elizabeth Bowen, Martha S. Reese, Lucille Lippincott, and the Boise Choristers.**

**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 artists, teachers, and composers, this program is basic to preparing 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.

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

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**Degree Requirements**

**BACHELOR OF MUSIC PROGRAM**

1. **General Requirements**

   **a. 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.

   **b. 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, the Piano Proficiency Examination before a faculty committee. A grade of C or better in MU 213 will satisfy this requirement. Details are available from the Music Department.**

   **c. 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 (M 180, 380) toward the required six credits. Guitar majors may take two credits of Guitar Ensemble (M 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.**

   **d. 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 are exempt during semester-week of student teaching.)
   - Materials of Music I-V MU 119, 120, 219, 220  
     (14 credits)
   - Ear Training I-IV MU 121, 122, 221, 222  
     (4 credits)
   - Basic conducting MU 261  
     (9 credits)
   - Survey of Music History and Literature I-III MU 341, 342, 343, 344  
     (20 credits)
   - Ensemble (see 1c above)  
     (20 credits)
   - Total  
     35-37

2. **Performance Emphasis Minimum Requirements:**

   **a. General University and Basic Core Requirements for Bachelor of Music Degree:**  
   (32 Total credits)
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
Total credits ............................................. 16-22
Keyboard Harmony & Basic Improv MU 313-314 .... 4
Counterpoint MU 423,424 .................................. 6
Advanced Form & Analysis MU 410 ...................... 3
Choral or Instrumental Conducting MU 365,366 * .................................. 1
Major Instrument Literature MU 457 ..................... 2
Major Instrument Pedagogy I, II MU 463,464 ** .................................. 4
Senior Recital MA 446 ........................................ 2
* Not required of Piano, Voice or Guitar majors.
** Required only of Piano, Voice or Guitar majors.

d. Elective Credits ...................................... 7-15
Total 128

3. Theory-Composition Emphasis Minimum Requirements
a. General University and Basic Core Requirements for Bachelor of Music Degree ............................................. (32 Total credits)

b. Music Requirements:
(1) Music Core ........................................... 35-37
(2) Lower Division Performance Studies ........ 16
Performance Major Studies ................................ 8
Performance Major Studies (Piano, unless major instrument is Keyboard) .... 8
(3) Additional Upper Division Courses .............. 31
MC 300 Level Performance Major Studies ........... 4
Keyboard Harmony & Basic Improv MU 313-314 .. 4
Band Arranging MU 455 .................................... 2
Counterpoint MU 423,424 .................................. 6
Advanced Form & Analysis MU 410 ...................... 3
Choral & Instrumental Conducting MU 365,366 .... 2
Music Composition MA 410 ................................... 8
Senior Composition Recital MA 447 or
Music Seminar MU 498 ..................................... 2

c. Elective Credits ...................................... 12-14
Total 128

4. Music Education Emphasis Minimum Requirements
a. General University and Basic Core Requirements for Bachelor of Music Degree ............................................. 32

b. Music Requirements:
(1) Music Core ........................................... 35-37
(2) Major Instrument Performance Studies .......... 14
MC 300 Level or above: 4 cr minimum
(3) Additional Lower Division Courses .................. 7
Orientation to Music Educat MU 271 ................. 1
Instrumental Tech & Meth MU 257,266 ............... 4
Vocal Tech & Meth MU 256 ................................... 2
(4) Additional Upper Division Courses ............... 13
Band Arranging MU 455 .................................... 2
Band & Orchestra Meth & Mater MU 387 ............ 2
Choral Methods & Mater MU 385 ........................ 2
Choral & Instrumental Conducting MU 365,366 .... 2
Instrumental Tech & Meth MU 368,369 ............... 4
One-half Senior Recital MA 444 ......................... 1
(5) Education College Requirements .................. 26-32
General Psychology P 101/Area II ......................... 3
Foundations of Education TE 201/Area II ............. 3
Education Psychology P 325 ............................. 3
Educ. Except. Secondary Student TE 333 ............... 1
Reading in Content Subjects TE 407 ................... 3
Secondary School Methods TE 381 ....................... 3
Secondary Student Teaching ........................... 10-16

c. Elective Credits ...................................... 0-1
Recommended Music Electives: Functional Piano MU 213 .............. 2

BACHELOR OF ARTS PROGRAM
General Music Major Option

1. General University and Basic Core Requirements for the Bachelor of Arts Degree.
2. Minimum Music Requirements:
Performance Studies ...................................... 8
Materials of Music I-IV MU 119,120,219,220 .... 14
Ear Training I-IV MU 121,122,221,222 .............. 4
Survey of Music History and Literature Courses (to be chosen from MU 341,342,343,344) .... 4-6
Ensemble ...................................................... 4
Concert Class MA 010 each semester ................. 0
Performance, Theory, Music Education, Music History Electives (to support Senior Recital or Senior Project) .................................. 10
Senior Recital* or Senior Project** .................... 1
*Senior Recital or Senior Project** ................... 45-47

* See MA 444 course description for details of the Senior Recital.
** An independent study terminal project under faculty supervision and with approval of the Dept. Chairman in the areas of Music Theory, Music History/Literature, or Music Education.

Music/Business Option

General University and Basic Core Requirements for the Bachelor of Arts Degree to include the following:
1. Area II:
CM 111 Fundamentals of Speech Communication .... 3
2. Area III: At least one course in Mathematics selected from the following:
M 100 Mathematics for Liberal Arts Students, or 4
M 105,106 Math for Business Decisions .......... 4-6
3. Minimum Music Requirements
Total credits ............................................. 45
MA 010 Concert Class (each semester) ................. 0
MC—Performance Studies ................................ 8
ME—Ensemble ........................................... 4
MU 119-120 Materials of Music I-II ..................... 8
MU 121-122 Ear Training ................................ 4
MU 341,342,343,344 History & Lit of Music .............. 10
Senior Project ........................................... 3

Teaching Music in the Elementary
Classroom MU 372 ........................................ 2
(to qualify students for Idaho State Certification for Elementary School Music Specialist)

The above requirements lead to state certification eligibility to teach music in the public schools. Certification is available to teach K-12, 7-12, or K-8 in music. Specific details are available from the Music Department.

College of Arts and Sciences

Teaching Music in the Elementary
Classroom MU 372 ........................................ 2
(to qualify students for Idaho State Certification for Elementary School Music Specialist)

The above requirements lead to state certification eligibility to teach music in the public schools. Certification is available to teach K-12, 7-12, or K-8 in music. Specific details are available from the Music Department.

College of Arts and Sciences

Teaching Music in the Elementary
Classroom MU 372 ........................................ 2
(to qualify students for Idaho State Certification for Elementary School Music Specialist)

The above requirements lead to state certification eligibility to teach music in the public schools. Certification is available to teach K-12, 7-12, or K-8 in music. Specific details are available from the Music Department.
Music Electives (upper division) .................................................. 10
4. Business courses (a maximum of 33 credits in Business courses allowed in this option) .................................................. 24-33
5. Required Courses
   GB 101 Introduction to Business ........................................ 3
   MM 101 Salesmanship* ....................................................... 3
   MM 105 Elements of Management** .................................... 3
   MM 203 Principles of Advertising ...................................... 3
   AC 205 Introduction to Financial Accounting* ....................... 3
   AC 206 Introduction to Managerial Accounting ................. 3
   GB 202 Legal Environment of Business ................................ 3
   IS 210 Introduction to Information Science ......................... 3
6. Additional courses-electives (up to 9 credits may be chosen from the following):
   EC 201 Principles of Economics-Macro ................................ 3
   EC 202 Principles of Economics-Micro ................................ 3
   AS 309 Records Management** ........................................... 3
   AS 317 Office Management** ............................................. 3
   MK 301 Principles of Marketing** ....................................... 3
   MK 307 Consumer Behavior** ............................................ 3
   * An Independent Study term/project under faculty supervision with the approval of the Music Department Chairman.
   ** To enroll in these courses special arrangements are necessary with the chairman of the Department of Marketing and Administrative Services.

Music Minor The Music Department will recognize as a minor in Music (in conjunction with a major in a non-Music area) a minimum of 20 semester hours of Music credits completed. Emphasis is possible in Performance, Music Theory, History/Literature, or Music Education. Details of the individual student's curriculum are to be determined by the student in consultation with an assigned Music minor advisor and subject to the approval of the Music Department Chairman.

Graduate Work Master of Arts in Secondary Education, Music Emphasis. Details may be found in the Graduate College Section of this Catalog.

Recommended Programs

PERFORMANCE EMPHASIS MAJORS

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* Keyboard Harmony is offered alternate years only. See course description.
** Piano, Voice or Guitar majors must include major instrument literature MU 452 and Pedagogy MU 464-466.

MUSIC EDUCATION EMPHASIS MAJORS

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* Keyboard Harmony is offered alternate years only. See course Descriptions.
NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Course Offerings

MA MUSIC APPLIED—PERFORMANCE CLASSES, RECITALS

Lower Division

MA 010 CONCERT CLASS (0-1-0)(F/S). Student, guest and/or faculty performances. Minimum attendances per semester: 10 for music majors, 6 for minors; plus attendance at a minimum of 5 Music Department sponsored concerts/recitals. Participation in the concert/recital does not equal attendances. Letters from department for meeting this requirement.

MA 107 RECORDER CLASS (1-0-1)(S). The class is designed to improve the technical ability of the classroom teacher or anyone interested in playing the recorder, and to discover the classroom value of the instrument. Baroque ensemble will be emphasized. The classes will meet once a week. Students must supply their own instrument. May be repeated once for credit.

MA 127 BEGINNING GUITAR CLASS (0-2-1)(F/S). Technical fundamentals in playing the acoustical guitar for beginners. Use of popular and folk songs. Course is based on written notation and aural instruction, stressing chord playing, correct posture and holding positions. Students must provide their own instrument. May be repeated once for credit.

MA 128 INTERMEDIATE GUITAR CLASS (0-2-1)(F/S). Continuation of MA 127. Emphasis on understanding fret-board theory, reading music notation for guitar, solo playing. Concept of form levels as it relates to upper position work. Students must provide their own instrument. May be repeated once for credit.

MA 150 PIANO CLASS (0-1-1)(F/S). Each semester. Maximum 2 credits allowed.


Upper Division

MA 307 RECORDER CLASS (1-0-1)(S). The class is designed to enhance the technical ability of the classroom teacher or anyone interested in playing the recorder, and to discover the classroom value of the instrument. Baroque ensembles will be emphasized. The classes will meet once a week. Students must supply their own instrument. May be repeated once for credit. PREREQ: MA 107 or PERM/INST.

MA 327 ADVANCED GUITAR CLASS (3-0-2)(F/S). Study of music and technical problems in solo guitar playing; chord construction and progression, analysis of intervals, functional harmonic relationship, principal of guitar transcriptions, introduction of improvisation. Students must provide their own instrument. May be repeated once for credit. PREREQ: MA 128 or PERM/INST.

MA 328 JAZZ GUITAR CLASS (0-2-1)(F/S). A course in jazz improvisation for the guitarist with at least 1 year of playing experience. The use of the guitar in jazz is approached within a historical perspective beginning with the 1930's. Students must provide their own instrument. May be repeated once for credit. PREREQ: MA 128 or PERM/INST.

MA 410 MUSIC COMPOSITION (2-0-2)(F/S). Instruction and supervised experience in composing for various instruments and voices, individually and in combination, utilizing small and large musical forms. May be repeated for a total of 8 credits. PREREQ: 300-level performance ability and PERM/INST. Graded pass/fail.

MA 444 MUSIC EDUCATION—BACHELOR OF ARTS SENIOR RECITAL (0-0-1). This course is a one-half recital to be presented as the culminating performance project for education majors and for bachelor of arts music majors emphasizing performance. PREREQ: 300-level performance ability and PERM/INST. Graded pass/fail.

MA 446 SENIOR PERFORMANCE RECITAL (0-0-1). This course is a full recital to be presented as the culminating project for performance emphasis majors within the Bachelor of Music program. PREREQ: 400-level performance ability 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, all entering freshmen will enroll in 100-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 office. 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 (1-2-3) indicates performance level; second digit = instrumental family (-0- woodwinds, -1- brass, -2- percussion, -3- voice, -4- keyboard, -5- fretted stringed instruments); third digit (-1-2-3-4) indicates 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: woodwinds: A flute, B oboe, C clarinet, D bassoon, E saxophone, F recorder; Brasses: A horn, B trumpet, C trombone, D tuba; Keyboard: A piano, B organ; Fretted stringed instruments: A guitar; Bowed string instruments: A violin, B viola, C cello, D bass. The class schedule printed prior to each semester lists particular studio courses available for the semester.

Major area minimum practice requirements

For 4 hrs. credit - 16 hrs. practice per week.
For 5 hrs. credit - 20 hrs. practice per week.
For 6 hrs. credit - 24 hrs. practice per week.

Minor area practice requirements: for 2 hrs. credit - 12 hrs. practice per week.


MC 122, 124, 222, 224, 322, 324, 422, 424 PERCUSSION INSTRUMENTS private lessons.


MC 142, 144, 242, 244, 342, 344, 442, 444 KEYBOARD INSTRUMENTS private lessons.

MC 152, 154, 252, 254, 352, 354, 452, 454 FRETTED STRING INSTRUMENTS private lessons.


Course numbers ending in 0: (0-0-1)(F/S). Courses numbers ending in 4: (0-1-4)(F/S). Courses numbers ending in 2: (0-2-2)(F/S). Courses numbers ending in 1: (0-1-1)(F/S).
ME MUSIC, ENSEMBLE

Lower Division and Upper Division

ME 101, 301 UNIVERSITY SINGERS (0-2-1)(F/S). 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 or 301, 3 CR.

ME 105, 305 MEISTERSINGERS (0-5-1)(F/S). Essentially a course in unaccompanied singing, open to all university students. The Meistersingers is the concert-choral wing of the University of Michigan. Maximum credits: ME 105 or 305, 5 CR. PREREQ: Department approval.

ME 110, 310 VOCAL ENSEMBLE (0-2-1)(F/S). Designed to promote participation in and repertoire knowledge of small vocal ensembles. Literature includes music of all periods. Public performances given each semester. Maximum credits: ME 110 or 310, 4 CR. PREREQ: ME 101 and/or ME 350, 8 CR.

ME 115, 315 OPERA THEATRE (0-5-1). A course in the study and production of opera. Maximum credit: ME 115/315, 8 CR. PREREQ: PERM/INST.

ME 120-320 BAND (6-0-6)(F/S). An elective open to all students who can play a band instrument. Maximum credits: ME 120, and/or ME 320, 8 CR.

ME 125, 325 BRASS ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and increasing repertoire knowledge for small brass ensembles. A public performance is required each season. Maximum credits: ME 125, and/or ME 325, 4 CR. PREREQ: PERM/INST.

ME 126, 326 JAZZ ENSEMBLE (6-3-6)(F/S). A course designed to promote playing in and repertoire knowledge and performance of jazz. An elective. Maximum credits: ME 126, and/or ME 326, 8 CR. PREREQ: PERM/INST.

ME 130, 339 WOODWIND ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and increasing repertoire knowledge of small woodwind ensembles. A public performance is required each season. Maximum credits: ME 130 and/or ME 339, 3 CR.

ME 140-340 PERCUSSION ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each season. Maximum credits: ME 140 and/or ME 340, 8 CR. PREREQ: PERM/INST.

ME 141, 341 KEYBOARD PERCUSSION ENSEMBLE (0-2-1)(F/S). In conjunction with the preparation of music for public performance, students will acquire a first-hand knowledge of the keyboard, major selection and application, general ensemble techniques, musical style and interpretation, and repertoire. Students will also be encouraged to compose original music and/or arrange and adapt music for the ensemble. Maximum credits: ME 141 or 341, 4 credits.

ME 150, 350 ORCHESTRA (0-5-1)(F/S). The Boise State University Symphony is composed of students and experienced musicians and prepares students for participation in the six- to eight-hour orchestra. Audition is required of new students. Maximum credits: ME 150 and/or ME 350, 8 CR.

ME 160, 360 STRING ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and increasing repertoire knowledge for small string ensembles. A public performance is required each semester. Maximum credits: ME 160 and/or ME 360, 8 CR. PREREQ: PERM/INST.

ME 167, 367 GUITAR ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and repertoire knowledge of ensembles of or including guitar(s). Maximum credits: ME 167 and/or ME 367, 4 CR. PREREQ: PERM/INST.

ME 180, 380 ACCOMPANYING (0-2-1)(F/S). Practical experience in accompanying vocal and instrumental students. Maximum credits: ME 180 and/or ME 380, 3 CR. PREREQ: PERM/INST.

ME 185, 385 DUO-PIANO ENSEMBLE (0-2-1)(F/S). A basic survey of duo-piano literature from the Baroque to the present. Students will learn how to cope with ensemble problems in rehearsal and performance. Class sessions will consist of performance, listening and discussion. A public performance will be presented. Maximum credits: ME 185 and/or ME 385, 3 CR. PREREQ: PERM/INST.

ME MUSIC, GENERAL

Lower Division

ME 101 MUSIC FUNDAMENTALS (2-0-2). Primarily for Elementary Education students, but open to all non-music majors. Learning to read music through study of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced.

ME 103 ELEMENTS OF MUSIC (2-0-2)(S). Intended primarily for music majors, this course is open to anyone interested in acquiring knowledge on or upgrading their understanding of the basic structural and compositional elements of music. The course will cover scales, intervals, rhythm patterns, etc. The course is designed for students aspiring to become music majors but lacking the necessary fundamentals background.

ME 119 MATERIALS OF MUSIC (4-0-4)(F). Music fundamentals review: notation, intervals, scales and modes, triads, key signatures, etc. Melody, cadences, Emphasis is on aural and visual recognition, analysis and compositional skills involving the above. PREREQ: piano proficiency to play simple melodies and harmonies, or concurrent enrollment in piano study, or PERM/INST.

ME 120 MATERIALS OF MUSIC II (4-0-4)(S). 4-voice textures (linear & vertical); homophony, diatonic choruses and musical form; harmonic resolutions; dominant sevenths; secondary dominants; cadence patterns, binary and ternary through-composed forms; linear and vertical analysis; compositional skills. PREREQ: ME 119 or concurrent enrollment and piano as per MU 119.

ME 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. PREREQ: ME 119 or concurrent enrollment in ME 119 and 120.

ME 133 INTRODUCTION TO MUSIC (3-0-3)(AREA I). 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. Attendance at six live concerts/recitals required.

ME 147 SURVEY OF OPERA AND MUSIC THEATRE (0-2-1)(F). An historical survey of the development and growth of opera and music theatre through chronological study of scores, recordings, sound films, and library resource materials from the beginning of the Baroque period to contemporary compositions. Required of voice majors.

ME 213 FUNCTIONAL PIANO (2-0-2)(F/S). Building of basic keyboard skills needed for music education majors in areas of sight reading, transcription, harmonization, improvisation, and repertoire materials; piano music and 2 and 4 hand scores will be used. May be repeated once for credit. PREREQ: ME 120 and one year of piano study.

ME 219 MATERIALS OF MUSIC III (3-0-3)(F). Continuation of 4-part textures. Diatonic sevenths; introduction to altered chords, augmented sixth and neapth chords; cantus firmus techniques; remote modulations; composition; skills involving the above. PREREQ: ME 210 or equivalent and piano per MU 119.

ME 220 MATERIALS OF MUSIC IV (3-0-3)(F). Includes introduction to invention and fugue techniques and sonata form; elements of three-voiced chords; twentieth century melody and harmony; atonality and serial techniques. Compositional skills involving the above. PREREQ: ME 219 or equivalent and piano per MU 119.

ME 221-222 EAR TRAINING III-IV (0-2-1)(F/S). Continuation of ear training I-II: solfeggio, dictation of more advanced rhythms, 2, 3 and 4-parts. Student expected to play at keyboard simpler forms of basic chords in 4-part harmony.

ME 256 VOCAL TECHNIQUES AND METHODS (1-2-2)(S). Designed for the music education major, this course deals with teaching skills to help develop the vocal potentials of young students, describing basic physical components of the voice and their coordination, understanding the young and "changing" voice, and learning phonetic components of Latin, Italian, and German.

ME 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.

ME 261 BASIC CONDUCTING (8-2-1)(F/S). Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading.

ME 266 WOODWIND TECHNIQUES AND METHODS (1-2-2)(F). Primarily for music education majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic pedagogical technique on two or more of the woodwind instruments.

ME 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 visitation in public schools.

Upper Division

ME 313-314 KEYBOARD HARMONY AND BASIC IMPROVISATION (2-0-2)(F/S). Keyboard application of basic harmonic principles: playing and harmonizing figured and unfigured bases and melodies, modulation, transposition, accompanying familiar tunes, beginning improvisation. Offered alternate years, beginning fall semester, even numbered years. PREREQ: ME 120-122 and one years piano study.

ME 331 AMERICAN MUSICAL THEATRE (3-0-3)(F). An historical overview will be presented along with a look at behind-the-scenes work necessary in the presentation of musical theatre productions. Includes an in-depth study of the responsibilities of the music director at all levels, in-depth study of production and box office to stage crews, and from make-up crews to cast.

ME 332 MUSICAL THEATRE PRODUCTIONS (8-0-4)(S). Specific apprentice- ships in the operations of actual musical theatre productions will be given to students with a basic performing technique on two or more of the orchestral string instruments: violin, viola, cello and string bass.

ME 341 HISTORY AND LITERATURE OF MUSIC I (2-2-2)(S). 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. PREREQ: MU 119 and 120 or PERM/INST.

MU 432 HISTORY AND LITERATURE OF MUSIC II (2-0-2)(S). Encompasses the period from the Fontainebleau Camerata through the music of the Baroque, Rococo, and pre-classic composers. Attention to the evolution of musical forms through score reading, analysis, and discussion. PREREQ: MU 119 and 120, or PERM/INST.

MU 342 HISTORY AND LITERATURE OF MUSIC III (3-0-3)(F). Works of Haydn, Mozart, and their contemporaries through the Romantic period to Liszt, Wagner, and Puccini will be considered and analyzed as vehicles of expression and as steps to greater varieties of musical expression. Their relationships to works in parallel movements in literature and other arts will be considered. PREREQ: MU 119 and 120, or PERM/INST.

MU 344 HISTORY AND LITERATURE OF MUSIC IV (3-0-3). Analysis of styles and characteristics of Western music from the last decades of the previous century to today's avant garde and electronic music. PREREQ: MU 119 and 120, or PERM/INST.

MU 365 CHORAL CONDUCTING (2-1-2)(F). A course designed to deal with the problems and techniques of conducting choirs and choral groups. Includes baton technique and analysis of choral literature. PREREQ: MU 119 or 120 or PERM/INST.

MU 366 INSTRUMENTAL CONDUCTING (2-0-2)(S). A course designed to deal with the problems and techniques of instrumental conducting for student instrumentalists. Includes baton technique and analysis of instrumental literature. PREREQ: MU 119 or 120 or PERM/INST.

MU 368 PERCUSSION TECHNIQUES AND METHODS (1-2-1)(F). Primarily for music education majors, this course deals with the techniques and materials of teaching percussion ensembles, encouraging the composition of percussion music. Emphasis is on accompaniment skills, elementary chord theory, melody playing, proper hand position and note reading. Musical material is drawn from popular and folk styles useful in elementary classes. May be repeated for credit.

MU 371 MUSIC METHODS FOR THE ELEMENTARY SCHOOL TEACHER (2-0-2). Materials, methods and problems relating to classroom music in grades K through 6. PREREQ: Music Fundamentals MU 101 or equivalent.


MU 385 CHORAL METHODS AND MATERIALS (1-2-2)(S). Designed for music education majors who will be teaching vocal groups in junior and/or senior high schools. A practical workshop in conducting of choruses, vocal materials, rehearsal techniques, use of small ensembles, planning and organization of vocal groups.

MU 387 BAND AND ORCHESTRA METHODS AND MATERIALS (1-2-2)(F). The study of the organization and orchestration of bands and orchestras at the secondary school level; including equipment purchasing, budgets, public relations, planning, rehearsal techniques, scheduling, programming, and emergency repair of instruments. PREREQ: MU 261 or equivalent.

MU 410 ADVANCED FORM AND ANALYSIS (3-0-3)(S). Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. PREREQ: MU 220 or PERM/INST.

MU 42g SIXTEENTH CENTURY COUNTERPOINT (3-0-3)(S). Study of 16th century compositional techniques. Compositions will be written in 2 to 4 voices, 5 species, C clefs and Latin texts. Analysis/listening of music of the period. Additional compositions and/or research for graduate credit. PREREQ: MU 220 or equivalent. Odd numbered years.

MU 42g COUNTERPOINT SINCE 1600 (3-0-3)(S). Study and writing in contrapuntal styles from Baroque Period to present day. Invertible counterpoint, canon, fugue, invention, analysis of procedures in representative works. Additional compositions and/or research for graduate credit. PREREQ: MU 220 or equivalent. Even numbered years.


MU 457 MAJOR INSTRUMENT LITERATURE (PIANO, VOICE, GUITAR) (2-0-2)(F). A survey course to acquaint the student with the important literature from all periods for piano, voice, or guitar. Section 1, Piano literature, Section 2, Guitar literature, Section 3, Vocal literature. PREREQ: Upper Division standing in performance.

MU 463 MAJOR INSTRUMENT PEDAGOGY (PIANO, VOICE, GUITAR) (2-0-2)(F). Survey and comparative study of pedagogical materials, principals and procedures. The course will consist of reading, lecture, listening and observation in teaching studios. PREREQ: Upper Division standing in performance. Alternate years with MU 457.


MU 498 MUSIC SEMINAR (2-0-2)(F). A seminar project under faculty direction. PREREQ: Senior standing.

Department of Physics

Science-Nursing Bldg., Rm. 318

Chairman and Professor: Robert A. Luke


Assistant Professors: Dykstra

Degrees Offered
- BS in Physics
- BS in Physics, Secondary Education

Degree Requirements

PHYSICS MAJOR
Bachelor of Science Degree

The scope of the program is applied. However, flexibility is maintained in order to direct the student toward his desired objectives. If the student is interested in going on into graduate Physics, more Math and some independent study in Quantum Physics would be recommended. Depending on the particular field of interest in Physics, the student could select electives in Biology, Chemistry, Math or Geophysics.

LIBERAL ARTS OPTION

Physics Major

1. General University and BS Degree Requirements

A. Physics

B. Engineering

B. Systems & Circuits I, II EN 221,222

C. Math

Mathematics

Calculus Sequences

D. Recommeded Electives

E. Computer Programming EN 104 or 107

2. Major Requirements

3. A choice of one or more of the following

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

B. Computer Programming EN 104 or 107

C. Systems & Circuits I, II EN 221,222

D. Fluid Mechanics EN 301

E. Thermodynamics EN 320

F. Probability & Statistics M 431

G. Linear Syst & Sig Process CS 426

H. Chemistry

I. Required courses
## Course Offerings

### PS PHYSICAL SCIENCE

#### Lower Division

**PS 100 FOUNDATIONS OF PHYSICAL SCIENCE** (3-2-4) (Area III). Selected concepts of matter and energy that are widely applicable toward understanding our physical environment. A one-semester course for non-Science majors.

**Graduate**

**PS 501 BASIC PHYSICAL SCIENCE FOR SCIENCE TEACHERS** (3-6-3). 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. Concepts will be discussed and demonstrated with emphasis on methods that can be used in the classroom. Offered when there is sufficient demand.

**PH PHYSICS**

#### Lower Division

**PH 100 A CULTURAL APPROACH TO PHYSICS** (3-3-4). Designed for liberal arts courses. Students should gain an appreciation for the basic ideas of physics and how these ideas have contributed to the development of western culture by their influence on philosophy, religion and technology.

**PH 101-102 GENERAL PHYSICS** (3-2-4) (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-dental and pre-medical students. PREREQ: Algebra and Trigonometry.

**PH 105 INTRODUCTION TO DESCRIPTIVE ASTRONOMY** (3-2-4) (Area III). A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-Science majors.

**PH 106 RADIOLOGICAL PHYSICS** (2-3-1) (F). Fundamental concepts of radiation physics involving structure of the atom, radioactivity, electricity, magnetism, and electromagnetic radiation. Includes the physical principles of magnetic resonance and diagnostic ultrasound.

**PH 109 (CS 109) INTRODUCTION TO COMPUTERS** (3-2-4). The potential and limitations of computers, and their impact on society. The course includes an introduction to computer hardware and programming. Designed for non-Science majors.

**PH 207 INTRODUCTION TO BIOPHYSICS** (3-2-4) (F). A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used in lab to study biological systems. PREREQ: M 111 or M 108.

**PH 211 MECHANICS, WAVES, AND HEAT** (4-1-4) (Area III). Kinematics, dynamics of particles, statics, momentum, rotational motion, wave motion, heat and thermodynamics. PREREQ: PH 225. COREQ: PH 212. Must be concurrently taken or have taken M 205.

**PH 212 MECHANICS, WAVES, AND HEAT LAB** (0-3-1) (Area III). Lab to be taken with PH 211. Basic experiments in mechanics, wave motion, and heat. COREQ: PH 211.


**PH 214 ELECTRICITY, MAGNETISM, AND OPTICS LAB** (3-1-3) (Area III). Lab to be taken concurrently with PH 213. Basic experiments in electricity, magnetism, optics, and modern physics. PREREQ: PH 211. COREQ: PH 213.

**PH 225 INTERMEDIATE APPLIED PROGRAMMING** (2-6-2) (S). An intermediate course stressing the algorithmic techniques of problem solving using the computer. Stress will be on language and programming topics useful in the solution of science and engineering problems. Concentration will be on FORTRAN, but other programming languages will also be used. PREREQ: EN 104 or EN 107. COREQ: M 205 or M 106. Credit cannot be obtained from both PH 225 and M 225.

#### Upper Division

**PH 301 ANALOG ELECTRONICS LAB** (2-6-4) (F). An introduction to some of the more common discrete semiconductor devices and analog integrated circuits and their use in electronic circuits. Included are devices such as diodes, silicon control rectifiers, bipolar transistors, field effect transistors, operational amplifiers and their use in rectifier, amplifier and waveform circuits. PREREQ: PH 214, EN 223.

**PH 304 TRANSUCERS** (1-3-2) (S). An introduction to some common devices used to convert energy forms into electrical signals. Included are photomultiplier tubes, photoconductive cells, photodiodes, phototransistors, linear variable differential transformers, thermocouples, thermistors, piezoelectric and piezoresistive elements. Signal conditioning for these devices will be covered. PREREQ: PH 301.

**PH 307 LABORATORY MICROPROCESSOR APPLICATIONS** (2-3-3) (F). A lecture/laboratory course designed to provide the student with the necessary
skills to utilize a preassembled microprocessor system for data acquisition and control. PREREQ: PH 213 or EN 223 or PERM/INST.

PH 311-312 MODERN PHYSICS (3-0-3)(F-S). A brief introduction to the special relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic, molecular, nuclear, solid state physics and statistical mechanics. PREREQ: PH 213, M 331.

PH 331 OPTICS (3-3-4)(F). An upper division course stressing the applied facets of optics such as the use of various optical components for analysis and measurements in the visible region of the electromagnetic spectrum. PREREQ: M 331 and PH 213.

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. PREREQ: M 321 and PH 211.


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

PH 481 SENIOR LAB (1-6-3)(F). A senior laboratory course designed to acquaint the student with concepts of modern physics, laboratory techniques and measurements. PREREQ: PH 482.

PH 482 SENIOR PROJECT (0-6-2)(5/1 or 2 credits depending on the project). Elective. A sophisticated library or laboratory project in some area of physics. PREREQ: Senior status.

PH 499 PHYSICS SEMINAR (1-0-1)(F). Individual reports on selected topics. PREREQ: Senior status.

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Department of Theatre Arts
Morrison Center, Room C-100
Telephone (208) 385-3957

Chairman and Associate Professor: Stephen R. Buss; Professor: Lauterbach, Shankweiler; Associate Professor: Ericson. Assistant Professor: Atalakson;

Degrees Offered
- BA in Theatre Arts
- BA in Theatre Arts, Secondary Education

Program Requirements

THEATRE ARTS Bachelor of Arts Degree

General University Requirements except Theatre Arts Major.

1. Theatre Symposium TA 010, required each semester of every Theatre Arts Major.

2. Fitness Activity Courses (as recommended by Advisor, fencing, dance, gymnastics, etc.)

3. Area I Credits

   - Intro to Theatre TA 107 ......... 3
   - Intro to Art or Music AR 103, MU 133 ......... 3
   - Dramatic Literature ......... 3
   - Elective Literature Course ......... 3

4. Area II Credits

   - History of Western Civilization ......... 6

5. The Department recommends that Theatre Arts Majors take one year of Foreign Language and Reading and Study Skills TE 108.

   Major Subject Requirements

THEATRE

   Introduction to Theatre TA 107 ......... 3
   Technical Theatre TA 117-118 ......... 3
   Acting (Lower Division) TA 215 ......... 3
   Stage Voice TA 233 ......... 3

   *Acting

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Recommended Program

THEATRE ARTS MAJOR

(Departmental Requirements indicated by asterisk)

THEATRE EMPHASIS

FRESHMAN YEAR

Sem SEM SEM

1st 2nd 2nd

- English Composition E 101-102 .. 3 3
- French Activity .. 1 1
- Laboratory Science .. 4 4
- *Introduction to Theatre TA 107 .. 3 3
- *Technical Theatre TA 117-118 .. 4 4
- Intro Art or Music AR 103, MU 133 .. 3
- Reading and Study Skills TE 108 .. 2

SOPHOMORE YEAR

Sem SEM SEM

- Literature Elective .. 3
- *Stage Voice TA 233 .. 3
- *History of Western Civilization HY 101, 102 .. 3 3
- *Acting .. 3
- *Social Science Elective .. 3
- Laboratory Science .. 4
- Electives .. 4 6

JUNIOR YEAR

Sem SEM SEM

- Foreign Language .. 4 4
- *Dramatic Literature .. 3
- *World Drama TA 341, 342 .. 3 3
- Upper Division Electives .. 6 8

SENIOR YEAR

Sem SEM SEM

- *Directing .. 3 0
- *Theatre History TA 421, 422 .. 3 3
- Upper Division Electives .. 6 12
- *Contemporary Theatre TA 445 .. 3 12

* Departmental Requirements.

SECONDARY EDUCATION EMPHASIS

FRESHMAN YEAR

Sem SEM SEM

1st 2nd 2nd

- English Composition E 101-102 .. 3 3
- Physical Education .. 1 1
- Laboratory Science .. 4 4
- *Introduction to Theatre TA 107 .. 3
- *Technical Theatre TA 117-118 .. 4 4
- Intro Art or Music AR 103, MU 133 .. 3
- Reading and Study Skills TE 108 .. 2

SOPHOMORE YEAR

Sem SEM SEM

- Literature Elective .. 3
- *Stage Voice TA 233 .. 3
- *History of Western Civilization HY 101, 102 .. 3
- Laboratory Science .. 4
- Social Science Elective .. 3
- Electives .. 4 6

SECONDARY EDUCATION

Sem SEM SEM

1st 2nd 2nd

- English Composition E 101-102 .. 3 3
- Physical Education .. 1 1
- Laboratory Science .. 4 4
- *Introduction to Theatre TA 107 .. 3
- *Technical Theatre TA 117, 118 .. 4 4
- Intro Art or Music AR 103, MU 133 .. 3
- Reading and Study Skills TE 108 .. 2

* Departmental Requirements.
NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

ENGLISH MINOR FOR THEATRE ARTS

Secondary Education Option: See recommended minor listed in this Catalog under the English Department heading.

Liberal Arts Option:
Lower Division Literature .................................................9*
One of the following ......................................................3
Expository Composition E 201
Creative Writing, Poetry E 205
Creative Writing, Fiction E 206
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 & Histories E 345 ................................3
Shakespeare: Comedies and Romances E 346 .......................3

Total in English Minor for Theatre Arts Major ......................24
theory and history of theatre for children. Includes practical participation in an on-campus production of a play for children.

**TA 288 TOURING CHILDREN’S THEATRE (3-0-3)**. A concentrated study of the history and techniques of producing theatre for children. Specific emphasis on a single script selected for production and off-campus touring to local elementary schools.

**Upper Division**

**TA 311 ADVANCED ACTING (3-0-3)**. 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. **PREREQ:** TA 215-216 or PERM/INST. Alternate years.

**TA 341 WORLD DRAMA 300 BC-1642 (3-0-3)**. Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form.

**TA 342 WORLD DRAMA 1642-1960 (3-0-3)**. Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form.

**TA 351 ELEMENTS OF SCENIC DESIGN (3-0-3)**. 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. **PREREQ:** TA 117-118.

**TA 352 COSTUME DESIGN (3-0-3)**. 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. **PREREQ:** TA 117-118. Alternate years.

**TA 362 STAGE LIGHTING DESIGN (3-0-3)**. A study of the theories, principles and practices of stage lighting including both aesthetic conception and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. **PREREQ:** 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. **PREREQ:** Upper Division standing.

**TA 421g-422g THEATRE HISTORY (3-0-3)**. 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 THEATRE (3-0-3)**. A study of world theatre and drama since 1960 with an emphasis on current research materials and techniques. Alternate years.

**TA 451 SENIOR PROJECTS (3-0-3)**. A culminating work for the theatre major. The student will completely research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formal written, fully documented thesis describing his production and the concept involved. **PREREQ:** PERM/CHMN.
School of Social Sciences and Public Affairs

Dean: Robert C. Sims, Ph.D.
Telephone (208) 385-3776
School of Social Sciences and Public Affairs Emeriti:
Sylvester, Warwick

The State Board of Education has designated the social sciences and public affairs as primary emphasis areas for Boise State University. In 1984 the School of Social Sciences and Public Affairs was established to meet this responsibility. The school contains six academic departments:

- Communication
- History
- Military Science
- Political Science
- Social Work
- Sociology, Anthropology, and Criminal Justice Administration

These departments offer eighteen undergraduate degree programs. The school also cooperates with other units of the University in planning and conducting public affairs programs for students and the public. Included among such activities is the annual Frank Church Conference on Public Affairs, which brings distinguished national and international figures to the campus. The school also serves the people of Idaho through providing consulting services and research assistance on public issues.

The school's location in the state's population, business, and governmental center provides outstanding opportunities for students, including internships and other educational experiences unique in Idaho.

Department of Communication

Communication Building, Room 100 Telephone (208) 385-3320
Chairman and Professor: Robert R. Boren; Professors: Cox, Parker; Associate Professors: Craner, McCorkle, McLuskie, Pitman, Rayborn, Träynowicz; Assistant Professors: Rudd; Instructor: Morris.

Degrees Offered

- BA, Communication
- BA, Communication and English Combination, Journalism emphasis
- BA, Communication and English Combination, Communication emphasis
- BA, Communication, Interpersonal Communication emphasis
- BA, Communication, Mass Communication emphasis
- BA, Communication, Journalism Communication emphasis
- BA, Communication, Secondary Education

Department Statement

The Department of Communication is a rapidly growing department (the number of majors has increased 61% since 1978) which may reflect America's evolution from an industrial to an informational society.
The department has a broad-based program which offers students an opportunity to develop an understanding of the basic processes involved when humans attempt to communicate with one another. We believe that all majors in communication should understand the basic principles and theories about human communication before they specialize in any particular area of communication. It is also our belief that after having gained the basic knowledge, students should be allowed to create programs which are best suited to meet their particular career plans. Therefore, the number of required courses is as limited as possible, and the student, working with an advisor, selects sufficient additional courses to complete the requirements for a major.

A BA in Communication includes a common core of courses required of all Communication majors. Beyond the basic core, students may choose a combined major in Communication-English, or a communication emphasis area. Communication study is reinforced through communication laboratory, the campus newspaper, the campus radio station, forensic activities, and on-the-job opportunities afforded through internships and practice.

Degree Requirements

COMMUNICATION MAJOR
Bachelor of Arts Program

1. Completion of general University requirements for Bachelor of Arts degree as listed in Part 3 of this Catalog.
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
   - Research Methods CM 302
   - Perspectives on Communication CM 421
   - Communication Seminar CM 498
   - Communication Lab CM 216, 316
   - Courses for Area of Emphasis

   TOTAL 26-36

NOTE: Students are encouraged to participate in practical communication applications such as internships and/or practice. Six internship credits may count toward departmental major requirements, and four practicum credits may count toward departmental major requirements. Additional internship and practicum credits may count toward general education electives.

COMBINED MAJOR
Communication - English
Journalism emphasis

Department requirements

COMMUNICATION

Introduction to Communication Studies CM 115
Perspectives on Inquiry CM 201
Communication Laboratory CM 216, 316
Interpersonal Communication CM 221
Rhetorical Theories CM 321
Perspectives on Communication CM 421
Upper Division Communication Electives

TOTAL 26

ENGLISH

British or American Literature survey
Composition above the basic sequence
Introduction to Language Study LI 305
Upper Division Electives (3 hrs in courses before 1800)

TOTAL 27

COMMUNICATION

Introduction to Communication Studies CM 115
Perspectives on Inquiry CM 201
Communication Laboratory CM 216, 316
Interpersonal Communication CM 221
Rhetorical Theories CM 321
Organizational Communication CM 361
Perspectives on Communication CM 421
Upper Division Electives

TOTAL 26

Recommended Programs

The following are 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

Total credit hours

3. Suggested Courses as follows:
   a. Listening CM 131
   b. Mass Comm: Concepts & Perspectives CM 171
   c. Feature Writing CM 473
   d. Reasoned Discourse CM 111
   e. Communication Activities CM 114-314
   f. Voice and Diction CM 121
   g. Public Speaking CM 231
   h. Oral Interpretation CM 241
   i. Reporting and Newswriting CM 273
   j. Communication Practicum CM 451
   k. Radio-TV Newswriting CM 471

TOTAL CREDIT HOURS

Mass Communication Emphasis

1. General University Requirements
2. Departmental Core Requirements

Total credit hours

3. Suggested Courses as follows:
   a. Contemporary Public Communication CM 332
   b. Organizational Communication CM 361
   c. Ethics, Law and Communication CM 461
   d. Persuasion CM 412
   e. Public Relations CM 478

TOTAL 27

Mass Communication Emphasis

1. General University Requirements
2. Departmental Core Requirements

Total credit hours

3. Suggested Courses as follows:
   b. Contemporary Public Communication CM 332
   c. Organizational Communication CM 361
   d. Ethics, Law and Communication CM 461
   e. Persuasion CM 412
   f. Public Relations CM 478

TOTAL 9

b. Reporting & News Writing CM 273
   c. Photo Communication CM 277
   d. Theatrical Communication Practicum CM 372
   e. Communication Graphics CM 379
   f. Radio-TV Newswriting CM 471

TOTAL 4-14

TOTAL CREDIT HOURS

45-55

School of Social Sciences and Public Affairs
Secondary Education Emphasis

1. General University Requirements 
   Total credit hours 
   51

2. Departmental Core Requirements 
   Total credit hours 
   19

3. Education Requirements 
   See Department of Teacher Education listing in the College of Education section of the Catalog.

4. Required Emphasis Area Courses:
   - Rea:sd Discourse CM 112 ... 3
   - Internship in Directing Forensics CM 493 ... 1
   - Interpersonal Communication CM 221 ... 3
   - Methods of Teaching Communication CM 401 ... 3
   - Communication Practicum CM 451 ... 1-4
   - Communication in the Small Group CM 251 ... 3
   
   Total credit hours: 19

5. Six credits chosen from the following presentation courses:
   - Public Speaking CM 231 ... 3
   - Oral Interpretation CM 241 ... 3
   - Fundamentals of Speech Communication CM 111 OR Speech Communication for Teachers CM 311 ... 3
   - Communication Practicum CM 451 ... 1-4
   - Communication in the Small Group CM 251 ... 3

   Total credit hours: 17

6. Nine credits chosen from any of the following:
   - Fundamentals of Speech Communication CM 111 ... 3
   - Voice and Diction CM 121 ... 3
   - Listening CM 131 ... 3
   - Mass Comm: Concepts and Perspectives CM 171 ... 3
   - Public Speaking CM 231 ... 3
   - Oral Interpretation CM 241 ... 3
   - Communication in the Small Group CM 251 ... 3
   - Reporting and Newswriting CM 273 ... 3
   - Interviewing CM 307 ... 3
   - Speech Communication for Teachers CM 311 ... 3
   - Rhetorical Theories CM 321 ... 3
   - Message Analysis and Criticism CM 331 ... 3
   - Nonverbal Communication CM 341 ... 3
   - Intercultural Communication CM 351 ... 3
   - Communication Graphics CM 379 ... 3
   - Persuasion CM 412 ... 3
   - Small Group Process CM 314 ... 3
   - Communication Practicum CM 451 ... 3
   - Ethics, Law and Communication CM 461 ... 3

   Total credit hours: 46

7. Suggested Extra-Departmental Elective Courses, as follows:
   - Introduction to Theatre TA 107 ... 3
   - Major Production Participation TA 231, 331 ... 1-4
   - Production of Audio Visual Materials TE 356 ... 2

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

   NOTE: Completion of all requirements for graduation with a secondary education option must include a minimum of 9 credit hours in one area:

   - History
   - Economics
   - English
   - Psychology
   - Social Science
   - Performing and Spatial Arts
   - Political Science

   OR any other program listed in this Catalog under Baccalaureate Degree Programs.

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

Course Offerings

CM COMMUNICATION

Lower Division

CM 111 FUNDAMENTALS OF SPEECH COMMUNICATION (3-0-3) (Area II). Fundamental principles of effectively preparing, presenting and 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. Preparation for and participation in activities designed to apply the principles of logical reasoning in the public speaking context.

CM 114 COMMUNICATION ACTIVITIES (1-0-1). Preparation for and participation in communication activities: intercollegiate debate competition, individual speaking, or community speaking activities. PREREQ: 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 (1-0-1). Dimensions of human communication, historical and contemporary concepts, communication degree programs, and career opportunities. (PASS/FAIL)

CM 116 COMMUNICATION LABORATORY (1-1-3). An experimental probe into human communication through participation in practical applications of communication, communication requirements, and technologies.

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. PREREQ: Completion of the course in Voice and Diction.

CM 122 INTRODUCTION TO MANAGERIAL ENGLISH (3-0-3). An introduction to Managerial 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 131 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. (PASS/FAIL)

CM 201 PERSPECTIVES OF INQUIRY (3-0-3). The nature, sources and tests of knowledge; various views of theories, value judgments and models, and the nature of inquiry. PREREQ: E 102, CM 115 or PERM. INST.

CM 216 COMMUNICATION LABORATORY (3-0-3). 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. PREREQ: CM 115. May not be taken concurrently with CM 316.

CM 221 INTERPERSONAL COMMUNICATION (3-0-3). An examination of the nature of human communication: focuses, through experimental learning, on awareness of self, communicative relationships and context.

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 NEWSWRITING (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 in writing. Study of newspaper styles—usage, grammar, punctuation, capitalization—and the use of copyrighting symbols. PREREQ: E 102 and ability to use typewriter or PERM/INST.

CM 277 PHOTO COMMUNICATION (2-2-3). Photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. PREREQ: AR 251 or PERM/INST.
Upper Division

CM 300 COMMUNICATION ISSUES, INDUSTRIES AND INQUIRY IN CANADA (3-0-3) (S). Describes Canadian communication industries, issues and inquiry, especially the question of cultural identity for Canada. Discusses governmental communication policy as a tool for preserving national, regional and tribal identity. Examines Canadian scholars of communication. Cross-listed as CN 300 for credit in the Canadian Studies Minor.

CM 302 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. PREREQ: CM 201 or consent of instructor.

CM 307 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 confronted 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. PREREQ: 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. PREREQ: 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 (3-0-3). 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. PREREQ: CM 115. May not be taken concurrently with CM 216.

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 will be stressed. Techniques for using a total communicative system will be discussed. PREREQ: CM 114 and CN 300 for credit in the Canadian Studies Minor.

CM 323 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 dialog 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 and between organizations.

CM 372 JOURNALISTIC COMMUNICATION PRACTICUM (Var 1 to 4). Designed for students who seek professional experience and to prepare for careers. Offers students training with professionals in the community. PREREQ: PERM/INST. May be repeated for a total of four hours.


CM 401 METHODS OF TEACHING COMMUNICATION (3-0-3). Analysis and planning of a curriculum 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 (2-0-2). Involvement in a community to practice and refine communication skills, e.g., leadership, organization, advisory, research, and evaluation.

CM 421 PERSPECTIVES ON COMMUNICATION (3-0-3). A survey of contemporary theories and theorists of communication. PREREQ: CM 201.

CM 431 SMALL GROUP PROCESS (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 452 ETHICS, LAW AND COMMUNICATION (3-0-3). Study of the laws and ethics related to communication. PREREQ: Upper Division standing.

CM 471 RADIO-TV NEWSWRITING (2-0-2). Practice writing radio-television news, including the Write and assignment of material, adding script to film, techniques for condensing stories and deciding the importance of story material. PREREQ: CM 273 or PERM/INST.

CM 473 FEATURE WRITING (3-0-3). Non-fiction writing of features for newspapers 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 editorials, personal columns, and reviews of the arts. Alternate years.


CM 480 STUDIES IN JOURNALISTIC COMMUNICATION (3-0-3) (F/S). Advanced instruction in theories about, history of, and preparation of non-fiction content for the mass media. Content varies from semester to semester. Subjects may include: Public Affairs Reporting, Journalism History, Documentary Script Writing, etc. PREREQ: Upper Division status and PERM/INST.

CM 481 STUDIES IN INTERPERSONAL COMMUNICATION (3-0-3) (F/S). The examination of issues, contexts, and particulars of interpersonal communication. Content varies from semester to semester. Subjects may include: Conflict Management, General Semantics, Male-Female Communication, etc. PREREQ: Upper Division status and PERM/INST.

CM 482 STUDIES IN MASS COMMUNICATION (3-0-3) (F/S). Instruction in theories about, history of, and preparation of content for mediated public communication. Content varies from semester to semester. Subjects may include: History of Mass Communication, International Communication, Small Format Video, etc. PREREQ: Upper Division status and PERM/INST.

CM 483 STUDIES IN ORGANIZATIONAL COMMUNICATION (3-0-3) (F/S). The study of basic communication principles as applied to or affected by the organizational setting. Content varies from semester to semester. Subjects may include: Communication Theory, Organizational Communication, Negotiation, Human Relations Training, etc. PREREQ: Upper Division status and PERM/INST.

CM 484 STUDIES IN RHETORIC AND PUBLIC PRESENTATION (3-0-3) (F/S). Historical, theoretical, and practical study in various forms of communication presentation. Content varies from semester to semester. Subjects may include: Advanced Public Speaking, Group Interpretation, Theory of Debate, etc. PREREQ: Upper Division status and PERM/INST.

CM 498 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. PREREQ: CM 421 and Senior standing.
Department of History

Library Building, Room 247 Telephone (208) 385-1255
Chairman and Professor: Warren L. Vinz; Professors: Barrett, Fletcher, Keiser, Lovin, Odahl, Ourada, Sims, Zirinsky; Associate Professors: Buhler, Jones, Lundy; Assistant Professors: Shallat.

Degrees Offered

• BA, History
• BA, History, Secondary Education
• BA, History, Social Science, Secondary Education
• MA, History; see Graduate College section for further details.

Department Statement

The Department of History offers three baccalaureate degree programs: History-Liberal Arts (42 hours of History); History-Social Science, Secondary Education Option (42 hours of History; 26-32 hours State Teacher Certification requirements); and History-Social Science, Secondary Education Option (minimum 33 hours History; 20 hours each in two Social Sciences, 26-32 hours State Teacher Certification requirements). The History-Liberal Arts degree helps the student prepare for either graduate history or careers in History related professions, and provides a broad Liberal Arts training for the student. The other two degrees prepare the student for a teaching career. Specific requirements for each degree are listed below.

Degree Requirements

HISTORY MAJOR
Bachelor of Arts Program

History-Liberal Arts Option

1. General University Requirements to include:
   - One year of college level Foreign Language
   - 6-8
   - Language equivalency required by the History Department will be determined by the Department of Teacher Education.

American National Government
   - 3

2. History Requirements:
   - History of Western Civilization HY 101, 102, or 201, 202
   - 6
   - U.S. History HY 151, 152, or 251, 252
   - 6
   - Intro to the Study of History HY 210
   - 3
   - Total Lower Division Courses
   - 15

   3. History Seminar
   - 3
   - Seminar or Colloquium
   - 3
   - Upper Division History (minimum)
   - 12
   - Additional History Upper Division or non-required
   - 9
   - Lower Division Electives
   - 9
   - **Total Other History Courses
   - 27

   **Majors must have course work distributed between U.S., European and Third World History with at least 12 hours in one area and at least 6 hours in each of the other two.

3. Other Electives
   - 28-36

History-Social Science, Secondary Education Option

1. General University Requirements:
   - American National Government
   - 3

2. History Requirements:
   - History of Western Civilization HY 101, 102, or 201, 202
   - 6
   - U.S. History HY 151, 152, or 251, 252
   - 6
   - Introduction to the Study of History HY 210
   - 3
   - U.S. History Electives (Upper Division)
   - 3
   - Upper Division History (minimum)
   - 12
   - Seminar or Colloquium
   - 3
   - Additional History Upper Division or non-required
   - 9
   - Lower Division Electives
   - 9
   - **Total Other History Courses
   - 27

   **Majors must have course work distributed between U.S., European and Third World History with at least 12 hours in one area and at least 6 hours in each of the other two.

3. Education Requirements for State Certification for Secondary Education to include TE 305
   - 26-32

4. Other Electives
   - 18-13

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

History-Social Science, Secondary Education Option

1. Lower Division Courses:
   - U.S. History HY 151, 152 or 251, 252
   - 6
   - Western Civilization HY 101, 102 or 201, 202
   - 6
   - Intro to the Study of History HY 210
   - 3

2. Other History Courses
   - Minimum 15 Upper Division, 3 of those American History
   - 18
   - To be chosen by student in consultation with advisor from two out of three of the Department's offerings (U.S., European, Third World)

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

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. History would serve as one of the associate 20-credit blocks. For such a major the Department of History requires at least 9 of the 21 History credits be Upper Division, that 6 hours of the 21 be in U.S. History to meet state certification requirements, and that the remaining courses be selected to complement their major.

History Minor Option

Minor certification endorsements for teaching areas are listed in this Catalog under the Department of Teacher Education, College of Education.

Recommended 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. up through the cultural renaissance and religious reformation of western Europe in the sixteenth and seventeenth centuries of the Christian era.

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 and eighteenth centuries 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 assumptions about the physical world; the scientific revolution of the seventeenth and eighteenth centuries; biological theories; and science in the modern world.

HY 105 EASTERN CIVILIZATIONS (3-0-3) (Area II) (F/S). An historical survey of the Islamic civilization and the dominant civilizations of south and east Asia, with an emphasis on cultural and religious 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) (Area II). 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. PREREQ: High school course in World History or related subject matter or PERM/INST.

HY 202 PROBLEMS IN WESTERN CIVILIZATION (3-0-3) (F/S) (Area II). 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 twenty-first century. Not open to students with credit in HY 102. PREREQ: High school course in World History or related subject matter or PERM/INST.

HY 205 LEWIS AND CLARK (2-0-2) (S). A survey of the "corps of discovery" from
HY 101 INTRODUCTION TO THE STUDY OF HISTORY (3-0-3)(F). 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). Selected problems from colonial times through reconstruction following the Civil War. Not open to students who have completed HY 151. PREREQ: High school history course or PERM/INST.

HY 252 PROBLEMS IN U.S. HISTORY (3-0-3)(S). Selected problems from the rise of industrialism after the Civil War to the present. Not open to students who have completed HY 151. PREREQ: High school history course or PERM/INST.

HY 261 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. Alternate years.

Upper Division


HY 302 MODERN GERMANY (3-0-3)(F/S). The struggle for German unity in modern times, and the relation of this issue to the origins of the two World Wars. The problem will be traced through the "opening to the east" inspired by Willy Brandt. HY 102 recommended. Alternate years.

HY 303 FRANCE SINCE THE REVOLUTION (3-0-3)(F/S). The failure of Frenchmen in the 19th and 20th centuries to accept responsibility for their colonial past. The problem will be traced through the establishment of the Fifth Republic by Charles deGaulle. HY 102 recommended. Alternate years.

HY 309 THE RENAISSANCE (3-0-3)(F/S). A study of European society, economic development, artistic expression, humanism, and political concepts from the 12th through 16th centuries. PREREQ: HY 102 or PERM/INST. Alternate years.

HY 310 THE REFORMATION (3-0-3)(F). Survey of church-state relationships including the Babylonian Captivity, the Great Schism, the impact of the national state, the theological and political philosophies of reformers from Wycliff to the Council of Trent, and the world wide impact of Protestantism, the Catholic Reformation and dissident minority sects. PREREQ: HY 102 or PERM/INST. Alternate years.

HY 311,312 HISTORY OF ENGLAND (3-0-3)(F/S). First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1688. Second Semester: Great Britain from the seventeenth century to the present. Alternate years.


HY 315,316 HISTORY OF EAST ASIA (3-0-3)(F/S). First semester: Survey of the history of China and Japan ca. 1600 emphasizing their cultural development. Korea and Viet Nam receive brief consideration. Second Semester: A study of the Polipitical, economic, and cultural transformation of East Asia as a result of its interaction with the West. Alternate years.

HY 317 HISTORY OF SOVIET RUSSIA (3-0-3)(F/S). A survey of the history of Soviet Russia from the last tsars through the present. Alternate years.

HY 318 ANCIENT GREECE (3-0-3)(F/S). A study of the ancient Greek world from the Minoan sea empire of the second millennium to the empire of Alexander the Great in the late 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 dramatic poetry, historical writing and Visual Arts. PREREQ: HY 101, PERM/INST. Alternate years.

HY 320 ANCIENT ROME (3-0-3)(F/S). A survey of Rome from its earliest beginnings under Etruscan tutelage through its late imperial phase in the 5th century of the Christian era. Emphasis on political and military developments, social and religious changes, outstanding personalities, and literary, legal and artistic achievements. PREREQ: HY 101 or PERM/INST.

HY 321 EARLY CHRISTIANITY (3-0-3)(F/S). A study of the rise and development of Christianity from its Jewish and Greek origins in the first century through its establishment and development as the religion of the late Roman empire in the fifth century. Doctrinal, ethical, organizational liturgical and aesthetic developments within the Christian movement, and the political, social and cultural roles of the Church within the Empire. Recommended: HY 102 or HY 143. Alternate years.

HY 324 MEDIEVAL EUROPE (3-0-3)(F/S). A survey of the political, religious, economic, social, cultural, and moral life of Western Europe from the late 4th century to the fourteenth century. Special emphasis given to the Constantinian revolution, the rise and elaboration of monasticism, the Carolingian empire, feudalism and chivalry, the Gregorian reforms, and the blending of cultural achievements of the twelfth century renaissance. Alternate years.

HY 327 LIVING RELIGIONS: A Comparative Historical Study (3-0-3)(F). 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, Shintoism, Judaism, and Christianity. Recommended: HY 105. Alternate years.

HY 329 HISTORY OF MODERN SOUTH ASIA: India, Pakistan and Burma from 1750 to the Present (3-0-3)(F/S). The Mughal Empire; its decline the rise of British rule; the rise of nationalism and independence; and Indian and Pakistani history since 1947. Alternate years.

HY 330 HISTORY OF MODERN AFRICA: 1750-Present (3-0-3)(F). History of the African continent from the early centuries through the sub-Saharan regions, including the slave trade, its abolition, the pre-colonial era, independence movements and the emergence of the modern African state. Mediterranean, Black and White African states will be included. Alternate years.

HY 331 THE ISLAMIC MIDDLE EAST (3-0-3)(F). A history of the people, institutions and culture of the Near and Middle East from Muhammad to the decline of the Ottoman Empire. The breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nations. Recommended: HY 102. Alternate years.

HY 332 THE MODERN MIDDLE EAST (3-0-3)(S). 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 nations. Recommended: HY 102. Alternate years.

HY 333 HISTORY OF SPORTS AND THE AMERICAN IDEAL (3-0-3)(S). Traces the development of sport in America and its impact on American society. From Indian games to Big League this course has something for everyone. The area of sport is placed within the context of American thought and the social milieu of the nation. Alternate years.

HY 334 UNITED STATES SOCIAL AND CULTURAL HISTORY (3-0-3)(F). Selected themes from colonial times to the present. The nature and meaning of the national experience customs, traditions and intellectual developments. Recommended: HY 102. Alternate years.

HY 335 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. HY 151, 152 recommended. Alternate years.

HY 336 UNITED STATES CONSTITUTIONAL HISTORY (3-0-3)(F/S). A study of the origins, writing and development of the American constitution emphasis on the role of the Supreme Court. PREREQ: HY 151, 152 or PERM/INST. Alternate years.

HY 337 HISTORY OF IRELAND (3-0-3)(F/S). The development of the concept of an Irish nationality, the effects of the long colonial relationship between Ireland and Great Britain, the struggle for Irish independence, the contemporary Ulster crisis. Alternate years.

HY 351 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. PREREQ: HY 151 or PERM/INST. Alternate years.

HY 352 THE NATIONAL ERA, 1815-1848 (3-0-3)(S). 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. PREREQ: HY 151 or PERM/INST. Alternate years.

HY 354 CIVIL WAR AND RECONSTRUCTION (3-0-3)(F/S). A study of the origins of the conflict between the states, the encounter and the problems of reunification. PREREQ: HY 151 or PERM/INST. Alternate years.

HY 355 WESTERN AMERICA (3-0-3)(F/S). The frontier as a region in transition from the Atlantic seaboard to the Pacific coast, but largely the settlement and development of the Trans-Mississippi West. HY 151 Recommended. Alternate years.

HY 356 THE INDIAN IN UNITED STATES HISTORY (3-0-3)(F/S). Emphasis is on Indian-white relations. The time period studied extends from early contacts, European rivalries, and the origins of the United States Indian policy, to the reservation system, Red Power, and the current Indian problems. Alternate years.

HY 357 IDAHO AND THE PACIFIC NORTHWEST (3-0-3)(F/S). Political, economic and social development of the pacific northwest with emphasis upon the people, customs and institutions of Idaho. HY 151 recommended. Alternate years.

HY 358 THE GILDED AGE (3-0-3)(S). A study of United States history from 1877 to 1897 with emphasis upon industrial and concomitant social developments, emergence as a world power, and national responses to these changes, culminating with the Progressive Depression and Wilson’s “New Freedom.” PREREQ: HY 152 or PERM/INST. Alternate years.

HY 359 RECENT UNITED STATES, 1917 TO Present (3-0-3)(S). Versailles and post-war disillusionment; boom and bust of the 20’s; the Great Depression and F.D.R.’s New Deal; reappearance of the world scene; World War II and its aftermath, HY 152 recommended. Alternate years.

HY 367 COLONIAL LATIN AMERICA (3-0-3)(F). A study of the development of distinctive Latin American societies through the fusion of late medieval Iberian with American and African cultural elements. Mexico and South America, with emphasis upon the creation of colonial institutions in the context of Spain’s and Portugal’s imperial rise and decline, and the early 19th century wars of independence. Recommended HY 102. Alternate years.

School of Social Sciences and Public Affairs
HY 360 MODERN LATIN AMERICA (3-0-3): An examination of Latin America in the aftermath of the wars of independence, and the struggles for political and economic stability during the nineteenth century. Particular emphasis placed upon twentieth century socio-economic change and the role of the United States in that process. Alternate years.

HY 380 COLLOQUIUM IN AMERICAN HISTORY (3-0-3): Intensive studies of particular period, topic, or problem in American history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. PREREQ: Upper Division Standing.

HY 381 COLLOQUIUM IN EUROPEAN HISTORY (3-0-3): Intensive studies of a particular period, topic, or problem in European history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. PREREQ: Upper Division Standing.

HY 382 COLLOQUIUM IN THIRD WORLD HISTORY (3-0-3): Intensive studies of a particular period, topic, or problem in Third World history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. PREREQ: Upper Division Standing.

HY 410 ARCHIVES AND MANUSCRIPTS (3-0-3): Practical experience in the arrangement and description of manuscript collections located in the Idaho State Archives at 325 West State Street, Boise, and the research and writing of a paper using original sources, including newspaper collections located in the Archives.

HY 417 UNITED STATES ECONOMIC HISTORY (3-0-3): Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis given to the interaction of economic factors and other aspects of American society. PREREQ: EC 201 and EC 202 or PERM/INST. May be taken for History or Economics credit, but not for both.

HY 422 HISTORY OF SOCIALISM (3-0-3): Survey of European egalitarian ideas and movements. Emphasis given to 19th and 20th centuries. Alternate years.

HY 426 EUROPEAN DIPLOMATICAL HISTORY 1871-Present (3-0-3): Major problems in European diplomacy since 1871: search for security after unification of Germany, potential collapse of Ottoman Empire, imperialism in Africa and Asia, alliances systems, origins of World Wars One and Two, cold war and merging of European diplomacy into world diplomacy. Alternate years.

HY 428 ENGLISH DIPLOMATICAL HISTORY 1871-Present (3-0-3): Major problems in European diplomacy since 1871: search for security after unification of Germany, potential collapse of Ottoman Empire, imperialism in Africa and Asia, alliances systems, origins of World Wars One and Two, cold war and merging of European diplomacy into world diplomacy. Alternate years.

HY 432 TUDOR-STUART ENGLAND (3-0-3): England during the reigns of Tudor and Stewart monarchs; monarchy and parliamentary government; rise of middle class; beginnings of empire; religious and social conflict; cultural developments. Alternate years.

HY 458 HISTORY OF MEXICO (3-0-3): An examination of cultural, social, political, and economic factors affecting the historical development of Mexico from pre-conquest times to the present, with emphasis upon the conquest era, the revolution and post-revolutionary periods. Recommended: HY 367. Alternate years.

HY 480 SEMINAR IN AMERICAN HISTORY (3-0-3): Critical analysis of source materials and historical literature on a topic of restricted scope in American history. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. PREREQ: Upper Division standing.

HY 481 SEMINAR IN EUROPEAN HISTORY (3-0-3): Critical analysis of source materials and historical literature on a topic of restricted scope in European history. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. PREREQ: Upper Division standing.

HY 482 SEMINAR IN THIRD WORLD HISTORY (3-0-3): Critical analysis of source materials and historical literature on a topic of restricted scope in Third World History. Preparation and presentation of research papers. Consult current class schedule for specific selections offered each term. Seminar may be repeated. PREREQ: Upper Division standing.

HY 498 HISTORICAL SEMINAR (3-0-3).

Department of Military Science (Army ROTC)

Pavilion, Room 2025

Cadre: Chairman and Professor: Lieutenant Colonel Duston Rose; Assistant Professors: Demotte, Elliot, Munns, Schiller; Instructor: Estep, Johnson, Napoli.

Department Statement

The Reserve Officers' Training Corps (ROTC) 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. In addition, the Senior Division provides a major source of procurement for officers in the Regular Army. That 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 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; military history; leadership; map navigation, reading, land and orienteering; U. S. Army and National security; military teaching principles; branches of the Army; tactics; communications; operations; logistics; administration; military law; and the role of the United States in world affairs.

Basic Course: The basic course consists of the first two years of Military Science, normally taken during the freshman and sophomore years. Satisfactory completion of the basic course fulfills one of the requirements for continuation in the four-year program and acceptance into the advanced course. Those students desiring to take the advanced course, but lacking the credit for the basic course, may satisfy the requirements by attending a six-week summer camp between their sophomore and junior year (attending the MS III course of instruction without prior basic course credit is possible, but the basic course must be attended at the end of the MS III year and the advanced camp must be attended at the end of the senior year), or by obtaining 90 military contract hours. Veterans and some Reserve Component/National Guard personnel are given credit for some of 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 by permission of the chairman of the Department of Military Science.

Requirements for Army Commissions

Applicants for admission to the advanced course must

1. have satisfied one of the following requirements: Completion of the basic course; successfully completed the six-week summer camp;
2. be able to complete all requirements for commissioning prior to their 30th birthday;
3. successfully complete prescribed survey and general screening tests;
4. be approved by the president of Boise State University or any other institution to which they may thereafter be admitted;
5. execute an individual contract with the government in which they agree to complete the advanced course at Boise State University or any other institution at which they may thereafter be enrolled where such a course is given;
6. devote a minimum of eight 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 the ROTC Control group (this enlistment does not involve additional training or duty but is to insure compliance with the terms of the contract signed by the student and require active enlistment if contact is voided due to fraudulent enlistment or willful evasion.);
9. agree to accept a commission if tendered;
10. serve as a commissioned officer for eight years to include an initial period of active duty of up to four years. If the Army does not require service on active duty, agree to serve an initial period of active duty training of three to six months and remain a member of, and participate satisfactorily in, a Reserve component until the eighth anniversary of such appointment unless sooner relieved under other provisions. Guaranteed Reserve Forces (GRF) assign-
ments are available for those who do not want to compete for the active duty assignments. The CRF assignment allows officers to remain in Idaho and continue their civil career plans as well as serve in the reserves with an Army Commission.

11. Complete the requirements listed for Precommissioning Military Qualification Standards (MQS) as listed below:

**MILITARY QUALIFICATION STANDARDS PRECOMMISSIONING REQUIREMENTS**

The United States Cadet Command has established several standardization requirements for all precommissioning ROTC programs across the United States.

These standardizations include the requirements for a cadet to complete the Military Science courses listed below, as well as one course in each of the following areas.

1. **Written Communication.** The English Composition requirements of BSU also satisfy the MQS requirement.

2. **Human Behavior.** Recommended courses to meet this requirement include General Psychology, Sociology or Anthropology (all of these courses can also be used to meet the BSU Area II Social Science requirements).

3. **Military History.** (HY 297 Section 001, Special Topics "War, Peace and Military in the West", 3 credits taught Spring Semester only); (HY 151 or HY 152 may be substituted with the written approval of the Professor of Military Science.)

4. **Courses in Management and National Security Studies** are strongly recommended but are not required.

5. **The following Physical Education classes are recommended.** For students going to an ROTC Summer Camp, these classes are highly recommended:
   - a. FA 163 - Jogging
   - b. PE 121 - First Aid
   - c. FA 297 - Special Topics: Courses in Physical Conditioning
   - d. FA 297 - Special Topics: Orienteering

**Scholarships:** Financial assistance for selected students is offered through 2, 3, and 4-year scholarship programs paying for tuition and fees, a flat rate for books, and laboratory costs each year plus $100 a month allowance for up to ten months each year. Each student accepted for this assistance may be selected to 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, $740 (approximately); regular camp $840 (approximately); travel pay, 20 1/2 cents per mile each way. A uniform allowance of $380 is paid to each commissioned student upon entry into active duty.

**Uniforms:** Basic and advanced course students will be provided uniforms, texts, and equipment for ROTC classes. 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**

**Lower Division**

**ML 101 INTRODUCTION TO MILITARY SCIENCE** (1-1-1). Provides an overview of ROTC to include the purpose and history of ROTC, introduction to land navigation, customs and courtesies of the military, rifle marksmanship and first aid. Laboratory consists of progressive participation in leadership exercises, adventure training, and military branch orientation.

**ML 102 INTRODUCTION TO MILITARY SCIENCE** (1-1-1). Provides introduction to basic tactical Army communications, first aid for field environment casualties, structure and role of the U.S. Army, Army Reserves and National Guard and looks at various career fields in the Army. Laboratory consists of progressive participation in leadership exercises, adventure training and orientation.

**ML 201 INTRODUCTION TO LEADERSHIP** (2-1-2). Prepares student for ROTC leadership course. Introduces student to principles of leadership and participation in practical exercises. Gives a brief overview of Principles of War, land navigation review for field exercises, in depth study of careers with the Army and introduces military briefing procedures. Laboratory consists of progressive participa-
School of Social Sciences and Public Affairs

The substantive areas of concentration, including political philosophy, American government systems and processes, political behavior, comparative government and politics, international relations, and public law; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student's understanding of the political environment on the local, national, and international levels. The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the University offers a Bachelor of Arts in Philosophy. A Master of Public Administration Degree program is also offered.

**Degree Requirements**

**POLITICAL SCIENCE MAJOR**

**Bachelor of Arts Degree**

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

1. Political Philosophy and Public Law
2. American Governmental Systems and Processes
3. International Relations
4. Public Administration

5. Political Science-Social Science Secondary Education

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

- American National Government PO 101
- Comparative Political Ideologies PO 141
- International Relations PO 231
- Political Behavior PO 298
- Senior Seminar (Scope & Meth of Poli Sci) PO 498

Lower Division Electives (Select one requisite to the appropriate area of emphasis):
- American National Government PO 101
- Contemporary Political Ideologies PO 141
- International Relations PO 231
- Political Behavior PO 298
- Senior Seminar (Scope & Meth of Poli Sci) PO 498

The course requirements applicable to each of the four designated areas of emphasis, offered as optional major programs in Political Science, are described below.

1. **Political Science - Political Philosophy and Public Law Emphasis**

This area of emphasis is designed for those students whose principal interest in Political Science concerns both the fundamental political thought, past and present, in the development of political institutions in society and the systematized legal norms and processes of diverse societies.

- General University and Core Requirements
- Political Science Major Requirements

1) **LOWER DIVISION**

- Comparative Political Ideologies PO 141
- American National Government PO 101
- Contemporary Political Ideologies PO 141
- International Relations PO 231
- Political Behavior PO 298
- Senior Seminar (Scope & Meth of Poli Sci) PO 498

2) **UPPER DIVISION**

- Comparative Political Ideologies PO 141
- American National Government PO 101
- International Relations PO 231
- Political Behavior PO 298
- Senior Seminar (Scope & Meth of Poli Sci) PO 498

2. **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.

- General University and Core Requirements / Political Science Major Requirements

1) **LOWER DIVISION**

- American National Government PO 101
- State and Local Government PO 102
- Contemporary Political Ideologies PO 141
- International Relations PO 231
- Political Behavior PO 298

2) **UPPER DIVISION**

- American National Government PO 101
- State and Local Government PO 102
- Contemporary Political Ideologies PO 141
- International Relations PO 231
- Political Behavior PO 298

3. **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. 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.

- General University and Core Requirements
- Political Science Major Requirements

1) **LOWER DIVISION**

- American National Government PO 101
- Contemporary Political Ideologies PO 141
- Comparative European Govt & Politics PO 229
- International Relations PO 231
- Political Behavior PO 298

2) **UPPER DIVISION**

- Comparative Foreign Policy PO 311
- Comparative European Govt & Politics PO 229
- International Relations PO 231
- Political Behavior PO 298

4. **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 opting for the Public Administration area of emphasis should include electives in Computer Science, Psychology, Sociology, History, Economics, and Communication.
The Social Science Secondary Education Option Degree program is cooperative, interdisciplinary programs involving the Departments of Economics; History; Political Science; and Sociology, Anthropology, and Criminal Justice. Each of these departments provides a major emphasis with the Social Science Secondary Education Option. The following requirements apply for students choosing this option.

30 Credit Hour Program - 24 Credit Hours Required Courses:

1. LOWER DIVISION
   - 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 298 .............................................................. 3

2. UPPER DIVISION
   - 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
   - Organ, Theory & Bureaucratic Structure PO 487 ........................... 3
   - Senior Seminar (Scope & Meth of Poli Sci) PO 498 ....................... 3
   - Political Science Electives .............................................................. 9

5. Political Science - 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, Anthropology, and Criminal Justice. Each of these departments provides a major emphasis with the Social Science Secondary Education Option. The following requirements apply for students choosing this option.

30 Credit Hour Program - 24 Credit Hours Required Courses:

1. LOWER DIVISION
   - American National Government PO 101 ........................................... 3
   - State and Local Government PO 102 .............................................. 3
   - Contemporary Political Ideologies PO 141 ......................................... 3
   - International Relations PO 231 ..................................................... 3
   - Comparative European Government & Politics PO 229 .................. 3

2. UPPER DIVISION
   - American Parties and Interest Groups PO 301 OR
   - Legislative Behavior PO 312 .......................................................... 3
   - American Political Theory PO 331 .................................................. 3
   - Western Political Theory I or II, PO 441 or 442 ............................ 3
   - Constitutional Law PO 351 ............................................................. 3
   - Political Science Electives-Upper Division ................................... 6

15 Credit Hour Emphasis - 12 Credit Hours Required Courses:

1. LOWER DIVISION
   - American National Government PO 101 ........................................... 3
   - Contemporary Political Ideologies PO 141 ......................................... 3
   - Comparative European Govt & Politics PO 229 OR
   - International Relations PO 231 ..................................................... 3

2. UPPER DIVISION
   - American Parties & Interest Groups PO 301 OR
   - Introduction to Public Administration PO 303 OR
   - American Chief Executive PO 309 OR
   - Constitutional Law PO 351 ............................................................. 3
   - Upper Division Electives ................................................................. 3

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

1. LOWER DIVISION
   - American National Government PO 101 ........................................... 3
   - Contemporary Political Ideologies PO 141 ......................................... 3
   - Comparative European Govt & Politics PO 229 ............................. 3

2. UPPER DIVISION
   - Upper Division Electives ................................................................. 6

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

PHILOSOPHY MAJOR
Bachelor of Arts Degree

The program requirements for a major in Philosophy, in addition to the necessary requirements to obtain a Bachelor of Arts degree from Boise State, consist of 30 hours of Philosophy credit, 24 of which are in specifically required courses and 6 of which are electives from other courses in Philosophy. Philosophy majors should bear in mind that the university requires the completion of a total of 40 hours of upper division credit by all graduating seniors. The courses required for a major in Philosophy are:

1. PY 101, Introduction to Philosophy
2. PY 121, Introduction to Logic
3. PY 211, Ethics
4. PY 305, Ancient Philosophy
5. PY 309, Modern Philosophy
6. PY 313, Twentieth Century Analytic Philosophy
7. PY 333, Metaphysics
8. PY 335, Epistemology
9. PY 489, Senior Tutorial

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, emphasis on social, ideological, and constitutional background.

PO 102 LOCAL GOVERNMENT (3-0-3)(F). Institutions and processes of state and local government, with emphasis on constitutionalism, legislatures, government and tax arrangements.

PO 141 CONTEMPORARY POLITICAL IDEOLOGIES (3-0-3)(F/S)(Area I). Principal ideas characterizing liberalism, communism, fascism, and Nazism.

PO 220 AMERICAN POLICY PROCESS (3-0-3)(F). Process through which policy is determined, implemented and adjusted, with emphasis on role of administration.

PO 229 COMPARATIVE EUROPEAN GOVERNMENTS AND POLITICS (3-0-3)(F). 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. PREREQ: PO 101 or PERM/INST.

PO 231 INTERNATIONAL RELATIONS (3-0-3)(F/S)(Area II). 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. PREREQ: PO 101 or PERM/INST.


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. PREREQ: PO 101 or 102.

PO 392 PUBLIC OPINION AND VOTING BEHAVIOR (3-0-3)(F). Development of public opinion and voting behavior. Empirical research from a variety of fields for understanding and analysis of factors that mold popular attitudes and political behavior. PREREQ: PO 101 or 102.

PO 383 INTRODUCTION TO PUBLIC ADMINISTRATION (3-0-3)(F). Theory, administrative organization, functions and problems of governmental units. PREREQ: PO 101.

PO 309 AMERICAN CHIEF EXECUTIVE (3-0-3)(F). Consideration of the importance and influence of the President in the political and policy-making processes and powers of the presidency. Presidential campaign and elections. Role of the President as policy-maker and administrator. Effect of personality of a President on performance in office. PREREQ: 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). PREREQ: EC 201, 202.

PO 311 COMPARATIVE FOREIGN POLICY (3-0-3(F)). Political institutions, concepts, 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 relationships. PREREQ: 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, interpersonal 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 Soviet Union, Eastern Europe, People's Republic of China, and other communist party-states. Selected topics and problems related to political institutions and political parties; definitions and unification of political concepts. Questions of political theory and political determinants in development of communist party-states. PREREQ: 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)). Political systems of selected nations in developing areas of the world, including nation-states in Africa, Asia, and Latin America. Patterns and problems of political development and modernization in the nations will be analyzed. PREREQ: PO 101. Alternate years.

PO 335 UNITED STATES FOREIGN POLICY (3-0-3(F)). Development of diplomacy from foundation of the republic to the present with emphasis on emergence and continuance of United States as a world power; impact of domestic developments on formulation of foreign policies. Alternate years.

PO 351 CONSTITUTIONAL LAW (3-0-3(S)). Case study of constitutional system and its concepts as revealed in judicial decisions. PREREQ: PO 101.

PO 421 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. PREREQ: PO 101, 231. Alternate years.

PO 422 INTERNATIONAL ORGANIZATION (3-0-3(F)). Historical background, the league; basic problems of international entities; the United Nations. PREREQ: PO 101, 231. Alternate years.

PO 441 PART I WESTERN POLITICAL THEORY (3-0-3(F)). Development of political philosophy from Hobbes to Machiavelli.

PO 442 PART II WESTERN POLITICAL THEORY (3-0-3(F)). Development of political thought since Machiavelli. PREREQ: PO 441. Alternate years.

PO 451 COMPARATIVE LEGAL SYSTEMS (3-0-3(S)). Principal legal systems of the world, with emphasis on ideational foundations, organization, procedures, methods of growth, relationships to political and economic systems, and basic juridical concepts. PREREQ: PO 101, 141, 229. Alternate years.

PO 465G COMPARATIVE PUBLIC ADMINISTRATION (3-0-3(F)). Systematic examination and comparison of varied models and theories of administrative systems. International and intranational studies. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. PREREQ: PO 303.

PO 467G ADMINISTRATIVE LAW (3-0-3(F)). Sources of power and duties of administrative agencies, rules and regulations made by agencies through investigation and hearings, judicial decisions and precedents relating to administrative activities. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. PREREQ: PO 303 or PERM/INST.

PO 469G INTERGOVERNMENTAL RELATIONS (3-0-3(F)). Intergovernmental cooperation and conflict in the American federal system, including state-local relationships and intergovernmental dispersal and integration. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. PREREQ: PO 101, 102, 303.

PO 487G ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURES (3-0-3(F)). Socio-political 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.

PO 121 INTRODUCTION TO LOGIC (3-0-3(F)). A general introduction to some basic philosophical problems and concepts, with attention to selected major philosophers and with an emphasis on philosophical method.

PO 211 ETHICS (3-0-3(F)). An investigation of the validity of moral claims, the uses of language, and the justification of classical efforts, e.g., utilitarianism, to provide a test of moral rightness.

PO 231 PHILOSOPHY OF RELIGION (3-0-3(F)). An introduction to basic philosophical issues connected with religious belief, such as the nature and existence of God, the problem of evil, miracles, and the significance of religious experience. Alternate years.

Upper Division

PO 305 ANCIENT PHILOSOPHY (3-0-3(F)). An introduction to the origins of Western philosophy in the ancient world, with emphasis on Plato and Aristotle. PREREQ: PO 101. Alternate years.

PO 307 MEDIEVAL PHILOSOPHY (3-0-3(F)). A survey of major developments in Western philosophy from St. Augustine through William of Ockham, with emphasis on selected figures. PREREQ: PO 101. Alternate years.

PO 309 MODERN PHILOSOPHY (3-0-3(F)). A survey of developments in Western philosophy from Descartes through Kant, with emphasis on selected figures. PREREQ: PO 101. Alternate years.

PO 313 TWENTIETH CENTURY ANALYTIC PHILOSOPHY (3-0-3(F)). A critical examination of the development of the analytic method in Anglo-American philosophy since 1900, with attention to selected figures such as Russell, Moore, Wittgenstein, and Austin. PREREQ: PO 101. Alternate years.

PO 315 PHENOMENOLOGY AND EXISTENTIALISM (3-0-3(F)). An exploration of the nature of conscious experience and the place of dream and choice in human existence, with emphasis on selected figures in the tradition of European philosophy established by Kierkegaard and Husserl. PREREQ: PO 101. Alternate years.

PO 333 METAPHYSICS (3-0-3(F)). An investigation of basic problems about the nature of reality. Possible topics include personal identity, the nature of mind, freedom and determinism, and the problem of universals. PREREQ: PO 101.

PO 335 EPistemology (3-0-3(F)). An investigation of basic problems concerning knowledge and the justification of belief. Possible topics include attempts to define knowledge and related concepts, the problem of skepticism, and the problem of other minds. PREREQ: PO 101. Alternate years.

PO 337 AESTHETICS (3-0-3(F)). A course in the philosophy of the fine arts covering such topics as the existence and nature of works of art, aesthetic experience, artistic creativity, and the species of aesthetic value. Alternate years.

PO 404 SYMBOLIC LOGIC (3-0-3(F)). A study of techniques of validation in the propositional calculus and the predicate calculus, with emphasis on the construction of formal proofs. Some attention will be given to metalogical notions such as consistency of completeness. PREREQ: PO 121. Alternate years.

PO 406 PHILOSOPHY OF SCIENCE (3-0-3(F)). A study of philosophical issues raised by refutation on the nature of science and the results of scientific inquiry. PREREQ: PO 101 or 121. Alternate years.

PO 408 PHILOSOPHY OF LANGUAGE (3-0-3(F)). A study of basic concepts used by recent philosophers in thinking about language and its connections with thought and reality. Some attention may be given to discussions of language by traditional philosophers. PREREQ: PO 101 or 121.

PO 410 PHILOSOPHY OF MIND (3-0-3(F)). An examination of various solutions to the mind/body problem, the problem of other minds as well as related mental concepts. Problems of action theory may be explored. PREREQ: PO 101. Offered on demand.

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(F)). Development of political thought since Machiavelli. PREREQ: PO 441. Alternate years.

PO 498 SENIOR TUTORIAL (Scope and Methods of Political Science) (3-0-3(F)). Directed research culminating in the writing of a Senior Essay to be approved by the members of the Philosophy faculty. PREREQ: Senior standing in Philosophy major.

Department of Social Work

Education Building, Room 716
Telephone (208) 385-1568
Chairs and Associate Professor: Doug Yunker; Professor: Huff; Associate Professors: Johnson, Oliver, and Panitch.

Department Statement

The Baccalaureate Degree program in Social Work is fully accredited by the Council on Social Work Education. A major in Social Work prepares students for beginning social work practice and licensing by the State of Idaho.
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.

The 1986 study of the 117 BSU graduates since 1980 showed 85% of the respondents had been employed at one time or another in social work, and 34% have had some kind of graduate experience. Respondents working full time as social workers in public agencies earned an average of $19,455.

Degrees Offered

• BA in Social Work

Degree Requirements

SOCIAL WORK MAJOR
Bachelor of Arts Degree

1. TOTAL Requirements
   General University and Major Requirements 128

2. LOWER DIVISION
   COURSES .. 63
   English Composition E 101,102 .................. 6
   Literature (Core)* ................................ 6
   Humanities (Core)* ................................ 6
   History (3 cr. from Core) .......................... 6
   Concepts of Biology B 100 ......................... 4
   Lab Science and/or Math (Core)* ................... 3
   Communication ................................... 3
   Economics ....................................... 3
   Intro to Sociology SO 101 .......................... 3
   Social Problems SO 102 ............................ 3
   General Psychology P 101 .......................... 3
   State and Local Government PO 102 ............... 3
   Intro to Social Work SW 101 ....................... 3
   Elementary Social Work Processes SW 201 ....... 3
   Intro to Multi-Ethnic Studies SO 230 .......... 3

3. UPPER DIVISION
   COURSES ......................................... 45
   Social Welfare Policy SW 301 ..................... 3
   Human Behavior in Social Environment SW 321 .. 3
   Social Work Stat & Research Methods SW 380 .... 3
   Social Work Methods-Casework SW 385 ........... 3
   Social Work Methods-Community Organization SW 430 3
   Social Work Methods-Social Administration SW 435 3
   Psychology Electives ............................. 6
   Field Work SW 480, 481 ........................... 10
   Social Sciences & Public Affairs Electives** ...... 9
   Senior Seminar SW 498,499 ....................... 2

4. ELECTIVES
   General Electives-Lower – Upper Division .......... 20
   * Core from: AR, HU, IH, MU, PT, TA, Foreign Language 201,202. Humanities must represent two fields.
   ** Must be selected from: Social Work, Communication, Sociology, Anthropology, Criminal Justice Administration, Political Science, History. With approval of advisor.

Suggested Program

BACHELOR OF ARTS DEGREE

FRESHMAN YEAR

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Courses:
- English Composition E 101-102
- Concepts of Biology B 100
- Science-Mathematics (Core)
- History (Core)
- State and Local Government PO 102
- Intro to Sociology SO 101
- Intro to Social Work SW 101
- General Psychology P 101
- Communication

JUNIOR YEAR

SOCIAL WORK

Upper Division

Lower Division

SW 301 SOCIAL WELFARE POLICY (3-0-3)(F/S). 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 past and present, the ideological base for understanding the interface between policies and social welfare.
PREREQ: SW 201 and all lower division requirements.

SW 321 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT (3-0-3)(F/S). 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.
PREREQ: SW 201, SO 101 and P 101.

SW 380 SOCIAL WORK STATISTICS AND RESEARCH METHODS (3-0-3)(S). 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. PREREQ: SW 301, 321.

SW 385 SOCIAL WORK METHODS-CASEWORK (3-0-3)(F/S). An examination of skills employed to serve individuals and families; communication skills, problem solving process and case recording. PREREQ: SW 301, 321.


SW 435 SOCIAL WORK METHODS-GROUPWORK (3-0-3)(F/S). Dynamics of group behavior, understanding group interaction and the processes of working with groups. PREREQ: SW 301, 321.

SW 480 FIELD WORK I (3-0-3)(F). Sixteen clock hours per week, the student works as a practicing social worker under the teaching supervision of a professionally trained and experienced social worker. Must apply for admission into the field work program December preceding Fall registration period. PREREQ: SW 301, 321, 320, 385s; Cum GPA: 2.5; Major GPA: 3.0. PERM/INST.

SW 481 FIELD WORK II (0-16-3)(S). Continuation of Field Work I. PREREQ: SW 480 and PERM/INST.

SW 498 SENIOR LEVEL SEMINAR (1-0-1)(F). Facilitates and encourages the student's development as an entry level practitioner through the synthesis of
Department of Sociology, Anthropology, Criminal Justice Administration

Library Building, Room 218  Telephone (208) 385-3406
Chairman and Professor: Patricia M. Dorman; Professors: Baker, Pavesic, Scheffler; Associate Professors: Blain, Christensen, Cox, Hopfenbeck; Assistant Professors: Blain, Corbin, Plew, Walsh.

Degrees Offered

- BA in Anthropology
- BA in Anthropology, Social Science, Secondary Education
- AA, BA, and BS in Criminal Justice Administration
- BA in Multi-Ethnic Studies
- AA in Social Science (MHAFB only)
- BA, BS in Social Science
- BA and BS in Sociology
- BA in Sociology, Social Science, Secondary Education

Department Statement

The Department of Sociology, Anthropology and Criminal Justice Administration is responsible for eight degree programs.

In addition, the Department is responsible for both an Anthropology and a Sociology "Social Science Curriculum Minor" as part of the Social Science, Secondary Education degree; for a "Minor" in Multi-Ethnic Studies; and for "Minor Certification Endorsement" in Anthropology and in Sociology for teachers.

Degree Requirements

Anthropology

Bachelor of Arts Degree

1. Liberal Arts Option
   a. General University and Basic Core Requirements
   b. ANTHROPOLOGY

   Total Requirements ........................................ 42

   1) LOWER DIVISION COURSES ................................ 9
      Physical Anthropology AN 101 ........................... 3
      Cultural Anthropology AN 102 ............................ 3
      Intro to Archaeology AN 103 .............................. 3

   2) UPPER DIVISION COURSES ............................. 6
      History of Anthropology AN 401 ........................ 3
      Elem. Social Statistics SO 310 or equiv. ............. 3

   3) OTHER UPPER DIVISION COURSES ..................... 27
      Select 9 credits from each of the following groups of courses:
      Group I Courses ........................................... 9
      Human Variation AN 325 ................................... 3
      Anthropology of Education AN 409 ...................... 3
      Applied Anthropology AN 430 ............................ 3
      Socio-Cultural Electives ................................. 3
      Group II Courses ......................................... 9
      Peoples of the Pacific Islands AN 305 ................. 3
      Indians of North America AN 307 ...................... 3
      Peoples & Cultures of the World AN 311 ............... 3
      Indian Peoples of Idaho AN 315 ........................ 3
      Ethnography Electives ................................. 3
      Group III Courses ....................................... 9
      Old World Prehistory AN 303 ............................ 3
      Archaeology of North America AN 312 ................ 3
      Archaeology of Latin America AN 318 ................ 3
      Seminar in Archaeology AN 421 ....................... 3

   c. Recommended Electives:
      - One year of a foreign language; a computer application course; and LI 305 Introduction to Linguistics.

2. Anthropology - 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, Anthropology, and Criminal Justice. Each of these departments provide a major emphasis with the Social Science Secondary Option. The following requirements apply for students choosing this option.

   a. Must complete a minimum of 30 credits in the subject matter of one of the above departments.
   b. Must complete a minimum of 15 credits in each of two of the social sciences.
   c. Must complete six additional credits in U.S. History or certification requirements.
   d. Must complete 3 credits American National Government for certification requirements.

   See the department listings for each of these departments for additional information.

   a. Anthropology Courses
      Total Credits ............................................. 30
      Required courses are the same as for the major less 3 credit hours in each of Groups I, II, and III, and SO 310 is not required.

   b. Secondary Education Requirements
      Total Credits ............................................. 26-32
      Refer to Teacher Education Department

   c. State Department of Education Certification
      Requirements, Social Studies ........................... 9
      U.S. History ............................................ 6
      Federal Government ...................................... 3

   In addition to "C" above, the student must take at least 15 credits of which 9 must be Upper Division credits offered by any two of the following academic disciplines:
      Economics ................................................. 3
      Political Science ........................................ 3
      Geography ............................................... 3
      History .................................................. 3
      Sociology ................................................ 3

   NOTE: Completion of all requirements for graduation with a secondary education option may require more than 126 credit hours. See Department of Teacher Education listing for more information.

3. Anthropology Minor Option

   a. Liberal Arts Minor
      Completion of the following courses .................... 21
      Physical Anthropology AN 101 ............................ 3
      Cultural Anthropology AN 102 ............................ 3
      Intro to Archaeology AN 103 ............................. 3
      Peoples & Cultures of the World AN 311 ............... 3
      Upper Division Anthropology Electives ................. 9
      Anthropology Education Minor Option
      Total credits .............................................. 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 recommended.

CRIMINAL JUSTICE ADMINISTRATION

Bachelor of Arts Degree
Bachelor of Science Degree

The Bachelor of Arts/Science degree in Criminal Justice Administration offers a choice of four professional areas of emphasis: 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:  ........................................ 12
   English Composition 1 101-1102 .......................... 6
   Literature (Area I) ....................................... 3
   Humanities (Area I) ...................................... 3
   Science or Mathematics (Area III) .................... 12
   History (Area II) .......................................... 3
   Introduction to Financial Accounting AC 205 .......... 3
   OR
   Introduction to Information Sciences IS 210 ........ 3
   General Psychology P 101 .............................. 3
   American National Government PO 101 ............... 3
State-Local Government PO 102 .......... 3
Fundamentals of Speech Communication CM 111 .......... 3
Introduction to Sociology SO 101 .......... 3
Social Justice CR 101 .......... 3
Intro to Criminal Justice Admin CR 201 .......... 3
Police in the Community CR 215 .......... 3
Administration of Justice CR 301 .......... 3
Criminal Law CR 321 .......... 3
Contemporary Correctional Theory & Practice CR 362 .......... 3
Senior Seminar in Criminal Justice CR 496 .......... 3
Abnormal Psychology P 301 .......... 3
Juvenile Delinquency SO 415 .......... 3
Criminology SO 417 .......... 3
Independent Study in Criminal Justice CR 496 .......... 3

1. LAW ENFORCEMENT
Defensive Tactics FA 141 .......... 1*
Law of Criminal Evidence CR 275 .......... 3
Law of Arrest, Search & Seizure CR 276 .......... 3
Police Organization & Management CR 351 .......... 3
Introduction to Criminalistics CR 380 .......... 3
Criminal Justice Planning CR 425 .......... 3
Comparative Law Enforcement Admin CR 451 .......... 3
Field Practicum: Enforcement CR 490 .......... 6
Electives to total 128 .......... 19

2. COURTS/LAW
Law of Criminal Evidence CR 275 .......... 3
Law of Arrest, Search & Seizure CR 276 .......... 3
Judicial Admin & Court Management CR 381 .......... 3
Criminal Justice Planning CR 425 .......... 3
Comparative Law Enforcement Admin CR 451 .......... 3
Constitutional Law PO 351 .......... 3
Electives to total 128 .......... 20

3. CORRECTIONS/COUNSELING
Corrections in the Community CR 331 .......... 3
Interviewing & Counseling in Crim Justice CR 340 .......... 4
Advanced Interview & Counsel in Crim Just CR 341 .......... 4
Criminal Justice Research & Evaluation CR 428 .......... 3
Criminal Justice Elective .......... 3
Electives to total 128 .......... 21

4. PLANNING/ADMINISTRATION
Judicial Admin & Court Management CR 381 .......... 3
Criminal Justice Planning CR 425 .......... 3
Criminal Justice Research & Eval CR 426 .......... 3
Comparative Law Enforcement Admin CR 451 .......... 3
Criminal Justice Electives .......... 6
Field Practicum: Planning/ Admin CR 490 .......... 6
Electives to total 128 .......... 20

SOCIAL SCIENCE
Bachelor of Arts Degree
1. General University and Basic Core Requirements:
2. Social Science Requirements:
a. LOWER DIVISION
Total Lower Division Courses .......... 21
Anthropology .......... 3
Economics .......... 3
Political Science .......... 3
Sociology .......... 3
Social Science Electives .......... 9
b. UPPER DIVISION: Select from the following combinations-
12 credits in one field and 6 credits in two other fields
Total upper division credits .......... 24
Anthropology .......... 3
Economics .......... 3
History .......... 3
Political Science .......... 3
Psychology .......... 3
Sociology .......... 3

SOCIOLOGY MAJOR
Bachelor of Arts
Bachelor of Science

1. Completion of general university requirements for the Bachelor of Arts or Science degree as given in the Academic Section of this Catalog. Bachelor of Arts degree candidates are required to complete one year of foreign language. Sociology courses MAY NOT be used to satisfy Area II requirements.
2. Sociology Majors shall complete at least forty-one (41) credit hours in Sociology courses, including:
   a. A twenty-three (23) hour major core consisting of the following courses:
      - Introduction to Sociology SO 101
      - Computer Application in Social Science SO 210
      - Elementary Social Statistics SO 310
      - Social Research SO 311
      - History of Sociology SO 401
      - Contemporary Sociological Theory SO 402
      - Sociology Seminar SO 403
   b. A nine (9) credit hour track emphasizing either 1) General Sociology or 2) Applied Sociology. The General track will help those who desire a broad theoretical orientation and substantive knowledge base with less emphasis on quantitative and methodological aspects of the field. The Applied track should be useful to those who, whether working toward post-graduate education or immediate employment, want to emphasize the tools of research and quantitative analysis.
      1) GENERAL SOCIOLOGY - Nine credit hours selected from:
         - Social Institutions SO 351
         - Social Change SO 403
         - Social Inequality SO 421
         - Social Psychology SO 431
      2) APPLIED SOCIOLOGY
         - Advanced Social Statistics SO 410
         - Advanced Research Methods SO 411
         - Sociology Internship SO 493
   c. Nine (9) additional hours in Sociology. These may be selected from all Sociology course offerings or focused on some specific area of interest or vocational concern.

SOCIOLOGY
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, Anthropology, and Criminal Justice. Each discipline of these departments provides a major emphasis with the Social Science Secondary Option. The following requirements apply for students choosing this option.

1. Must complete a minimum of 30 credits in the subject matter of one of the above departments.
2. Must complete a minimum of 15 credits in each of two of the social sciences.
3. Must complete six additional credits in U.S. History for certification requirements.
4. Must complete 3 credits in American National Government for certification requirements.

See the department listings for each of these departments for additional information.

ANTHROPOLOGY

Required Courses:
- AN 101
- AN 102
- AN 311

SOCIOLGY

Required Courses:
- SO 101
- Sociology Electives (Six must be Upper Division)

Minor certification endorsements for teaching areas are listed in this Catalog in the Department of Teacher Education Section within the College of Education.

MULTI-ETHNIC STUDIES
Bachelor of Arts Degree

The Multi-Ethnic Studies program, which is open to all students, is an interdisciplinary area of emphasis, providing a BA degree. The program will help students view 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

Recommended Programs

SOCIOLGY PROGRAM

Following is a suggested sequence of courses for the Bachelor of Science degree. An asterisk (*) marks each course that is not required, but recommended for a well-rounded program.

FRESHMAN YEAR

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<td>English Composition E 101-102</td>
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<tr>
<td>Concepts of Biology B-100*</td>
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<tr>
<td>Math for Liberal Arts Students M-100*</td>
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<tr>
<td>Introduction to Sociology SO 101</td>
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<td>Cultural Anthropology AN 102*</td>
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<td>American National Government PO 101*</td>
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<td>Introduction to Philosophy PY 101*</td>
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<td>History of Western Civilization HY 101*</td>
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SOPHOMORE YEAR

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<td>Science-Mathematics Elective</td>
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<td>General Psychology P 101*</td>
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<td>Theories of Society SO 201</td>
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<td>Computer Applications SO 210</td>
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<td>Area I Electives (Core)</td>
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<td>Science Electives for B.S. OR</td>
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<td>Foreign Lang. Elect. for B.A.</td>
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JUNIOR YEAR

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<td>Elem Social Statistics SO 310</td>
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<td>Social Research SO 311</td>
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<tr>
<td>History of Sociology SO 401</td>
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<td>Contemporary Soc Theory SO 402</td>
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<td>Emphasis: General:Applied</td>
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<td>Sociology Electives</td>
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<td>Sociology Seminar SO 498</td>
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History: A. R. Corbin, Department of Sociology, Anthropology and Criminal Justice Administration; or Dr. Mamie Olliver, Department of Social Work, to develop program of study.
AN 303 OLD WORLD PREHISTORY (3-0-3)(F/S). A survey of cultural evolution north of Mexico and Central America, particularly the Maya and Aztec. PREREQ: Upper division status or PERM/INST.

AN 307 INDIANS OF NORTH AMERICA (3-0-3)(F/S). A general survey emphasizing the study of living primates, and the relationship between biology and culture. PREREQ: Upper Division status or PERM/INST.

AN 309 ANTHROPOLOGY OF EDUCATION (3-0-3)(F/S). An examination of the cultural aspects of educational processes and institutions. The application of anthropological method and theory to the problems of formal and informal education in traditional and modern cultures. PREREQ: AN 102, Upper division status or PERM/INST.

AN 401 HISTORY OF ANTHROPOLOGY (3-0-3)(F/S). An introduction to the human fossil record and present patterns of variability among humans. PREREQ: AN 101 or 102, Upper division status or PERM/INST. Alternate years.

AN 403 INTRODUCTION TO ARCHAEOLOGY (3-0-3)(F/S). An introduction to the historic background and basic techniques of anthropological archaeology. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, activities, and histories. PREREQ: AN 102, Upper division status or PERM/INST.

AN 409 ANTHROPOLOGY OF EDUCATION (3-0-3)(F/S). An examination of the cultural aspects of educational processes and institutions. The application of anthropological method and theory to the problems of formal and informal education in traditional and modern cultures. PREREQ: AN 102, Upper division status or PERM/INST.

AN 421 SEMINAR IN ARCHAEOLOGY (3-0-3)(S). A survey of the philosophical and theoretical foundations of archaeology. Includes developments in methodology and technical advances as applied to archaeological research. PREREQ: AN 103, Upper division status or PERM/INST. Alternate years.

AN 430 APPLIED ANTHROPOLOGY (3-0-3)(F/S). Investigation of the ways in which Anthropology and anthropologists have assisted in cultural change processes. Both the positive and negative impact of cultural change will be examined. Also considered is the application of anthropological concepts in contemporary societies and institutions. PREREQ: AN 102, Upper division status or PERM/INST.

CR 362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3-0-3)(F/S). A comparative review of legal regulations and practices associated with arrest, search and seizure in accordance with statutes, case law and Supreme Court decisions as they relate to constitutional protections. PREREQ: CR 201.

CR 375 LAW OF CRIMINAL EVIDENCE (3-0-3)(F). A study of the laws and rules of evidence, burden of proof, exclusionary rule, presumptions, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. PREREQ: CR 201.

CR 376 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. PREREQ: CR 201.

CR 381 ADMINISTRATION OF JUSTICE (3-0-3)(F). The administration of criminal justice from arrest to sentencing. Federal and state rules of criminal procedure and laws of evidence as they apply and affect constitutional due process. PREREQ: CR 201.


CR 390 INTERVIEWING AND COUNSELING IN CRIMINAL JUSTICE (3-0-4)(F). Theory and skills involved in effective communication, interviewing and counseling for criminal justice personnel. Basic communication skills and process of problem solving with criminal justice clients emphasized. PREREQ: Upper division CJA standing.


CR 396 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3-0-3)(S). A comparative review of legal regulations and practices associated with arrest, search and seizure in accordance with statutes, case law and Supreme Court decisions as they relate to constitutional protections. PREREQ: Upper division status or PERM/INST.
development of treatment strategies in local, state and federal correctional institutions. PREREQ: Upper division CJA standing.

CR 380 INTRODUCTION TO CRIMINALISTICS (3-0-3)(S). Introduction to the theory and application of physical and chemical evidence, identification, and interpretation of crime. Applicable to both advanced field investigation and laboratory techniques. PREREQ: CR 231. Alternate years with CR 451.


CR 425 CRIMINAL JUSTICE PLANNING (3-0-3)(F). Study of planning concepts and models to provide the student with skills in criminal justice planning, policy analysis and planning a program evaluation. Use of planning and analytical tools to review current issues in the system. PREREQ: Upper division CJA standing.

CR 426 CRIMINAL JUSTICE RESEARCH AND EVALUATION (3-0-3)(S). Basic aims, processes, and limitations of research in criminal justice. Introduction of social research methods and techniques for evaluating action programs in the criminal justice field. PREREQ: CR 425, upper division CJA standing, or PERM/INST.

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. PREREQ: 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 full time criminal justice experience. To be offered in fall, spring or summer.

SO SOCIOLOGY

Lower Division

SO 101 INTRODUCTION TO SOCIOLOGY (3-0-3)(Area II). Groups, organizations and societies. Their impact on human behavior. Emphasis is on sociological perspectives, concepts, methods, and applications. PREREQ: SO 101 and current standing.

SO 182 SOCIAL PROBLEMS (3-0-3)(Area II). Problems that arise due to breakdown of norms and values in society, the causes and solutions to these problems. The student is challenged to continually reexamine his/her own values in reference to the problems under consideration.

SO 121 DATING AND MARRIAGE (3-0-3)(S). An informative study and discussion of mate selection, marital relationships and adjustments, parenthood and related subjects, each exploited at length in popular culture but usually ignored as a serious subject of academic examination. The course will emphasize factual knowledge, self understanding and a sociological perspective on marriage in a changing society.

SO 201 THEORIES OF SOCIETY (3-0-3)(F). Introduction to the major analytical and interpretative contributions of Sociology towards an understanding of the nature and causes of human behavior in society. PREREQ: SO 101.

SO 203 FUTURISTICS (3-0-3)(F). An introduction to the major analytical 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 210 COMPUTER APPLICATIONS IN SOCIAL SCIENCE (3-0-3)(F/S). The objectives of this course are (a) to develop an understanding of computer applications of social science data and (b) to provide students an experience in the collection and analysis of social data with increased ease via the computer.

SO 230 INTRODUCTION TO MULTI-ETHNIC STUDIES (3-0-3)(F/S). This course views minority and majority relations and contrasts, 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 and institutional systems influence and shape the distribution of the power. It looks at American society's institutional role in maintaining and perpetuating systematic inequality.

Upper Division

SO 305 RACIAL AND CULTURAL MINORITIES (3-0-3)(F). Comparative study of inter-ethnic relations. Problems and possibilities of genocide, oppression, integration, pluralism and equality. PREREQ: 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 in research. Recommended for majors to be taken in the junior year and followed by SO 311. PREREQ: SO 101, high school algebra. Upper division status.

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. PREREQ: SO 101, 310 and upper division status.

SO 320 RADICAL SOCIOLOGY (3-0-3)(F). Analysis of contemporary radical power theory and its application in the study of modern socio-economic problems. This course will examine issues of social importance from the perspective of conflict theory, new-Marxian and Elitist theory. PREREQ: SO 101 and Upper Division Status. Alternate Years.

SO 325 SOCIOLOGY OF AGING (3-0-3)(F). An analysis of aging as a social process emphasizing the changing roles as a result of the process; the demands made on and by society because of the way it defines and deals with age and the problems created for society and for the aged as a result of values, attitudes and beliefs. PREREQ: SO 101 and upper division status.

SO 330 SOCIOLOGY OF VIOLENCE (3-0-3)(F). The incidence of deliberate injury of one human by another is analyzed in terms of social and cultural patterns that act to produce, alter or discourage acts of violence. The various forms violence may take are examined from a sociological perspective. PREREQ: SO 101 and Upper Division Status. Alternate Years.

SO 331 DEVIANT BEHAVIOR (3-0-3)(F). Analysis of groups who violate the norms of society, the causes of 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. PREREQ: SO 101, upper division status.

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. PREREQ: SO 101, upper division status.

SO 351 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. PREREQ: SO 101 and upper division status. Alternate years.

SO 361 SOCIOLOGY OF WORK (3-0-3)(F). The social organization of work is examined in historical and contemporary perspectives. PREREQ: SO 101, upper division standing.

SO 362 CR 362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3-0-3)(F). Historical development, processes and methods of operating the adult correctional system. Philosophy and development of treatment strategies to local, state, and federal correctional institutions.

SO 370 SOCIOLOGY OF LAW (3-0-3)(F). Law enforcement, adjudication and adjudication are studied as social acts with social consequences. Theories and practices of legal action are reviewed as emerging from and impacting on the social structure. PREREQ: SO 101 and Upper Division Status. Alternate Years.

SO 371 SOCIAL PSYCHOLOGY OF SEX ROLES (3-0-3)(S). This course examines 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 both. PREREQ: General Psychology 101 or Introduction to Sociology, SO 101 and upper division status.

SO 380 POLITICAL SOCIOLOGY (3-0-3)(F). A survey of research literature and
theory in Political Sociology, including attitudes, values, power structure, parties and political participation in the U.S. This course will examine the pluralistic nature of society from the sociological perspective. PREREQ: SO 101 and Upper Division status. Alternate Years.

SO 401 HISTORY OF SOCIOLOGY (3-0-3)(F). Examination of the intellectual and social currents in Europe 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. PREREQ: 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. PREREQ: SO 101, upper division standing. Alternate Years.


SO 405 ADVANCED SOCIAL STATISTICS (3-0-3)(S). The methods and application of quantitative methods in the analysis of sociological data are examined in depth with application to research. PREREQ: SO 101, SO 310 and Upper Division Status.


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. PREREQ: 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. PREREQ: SO 101, upper division standing.

SO 421 SOCIAL INEQUALITY (3-0-3)(S). How inequalities of wealth, income and prestige occur. How such inequalities affect style of behavior, personal philosophy and life chances. Arguments for and against more equality will be examined in relation to issues such as: constraint and mobility; education and opportunity; consumerism and poverty; public policy and the politics of wealth and welfare. PREREQ: SO 101 and Upper Division Status. Alternate years.

SO 425 URBAN COMMUNITY AND PLANNING (3-0-3)(F). A policy oriented approach to evaluate public issues in a systematic and analytical fashion as they affect the shape and future of the urban community. The role of planning, urban renewal, public policy and their human consequences will be examined. PREREQ: SO 101 and Upper Division Status. Alternate years.

SO 441 ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURE (3-0-3)(F). 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. PREREQ: Senior standing, PERM/INST.

SO 498 SOCIOLOGY SEMINAR (2-8-2)(5). Intensive study of selected problems in Sociology. PREREQ: Senior standing in Sociology major.
College of Business

Dean: Thomas E. Stitzel, Ph.D
Assoc. Dean and Graduate Program Director: Gerald J. LaCava, Ph.D
Director of Research & External Relations: Ronald R. Slone, MBA
Director of College of Business Student Services Center: Barbara S. Olson, MEd.

College of Business Emeriti:

The College of Business at Boise State University is comprised of the five academic departments whose programs are described on the following pages and two Centers:

- Center for Management Development: Gerald J. LaCava, Director
- Idaho Business and Economic Development Center: Ronald Hall, Director

The mission of the College of Business at Boise State University is to provide leadership and service in Business and economic education for Idaho and the Northwest. This mission requires:

1. providing opportunities for individual growth and life-long learning,
2. enhancing students' critical thought processes to prepare them for management and leadership responsibilities (see additional comments below),
3. contributing to the economic growth and well-being of Idaho and the Northwest through applied research,
4. establishing educational partnerships between the College and other public and private organizations, and
5. responding to new or special needs for research and education.

Students' critical thought processes and management proficiencies are developed through a curriculum which provides significant exposure to arts and sciences core and elective coursework (comprising a minimum of 40 percent of the total degree requirements), a broad foundation of required business core courses, and frequent opportunities to practice computer and written-oral communication skills in advanced courses in the major. The increasingly significant implications of a global economy are stressed throughout the curriculum, and students have extensive opportunities to apply their analytical and problem-solving skills in actual business start-up and operational situations through Small Business Institute projects, consulting opportunities with the College’s Idaho Business and Economic Development Center, the Internship Program (see additional descriptions of internships below), and in a number of specific class assignments. As a further enriching dimension, students will encounter numerous leaders in business and management through the College’s various speaker programs.

Accreditation

The College of Business’ baccalaureate and MBA programs are accredited by the American Assembly of Collegiate Schools of Business (AACSB), the nationally recognized accrediting agency for programs in business administration and management. Approximately one in five business programs, nationwide, have achieved this important recognition. Accordingly, AACSB accreditation signifies that Boise
State University's business programs have met nationally established standards of quality.

Student Advising

Students are assisted in their selection of appropriate courses and a business major through the joint efforts of the College's Student Services Center and faculty advisors. Freshman and sophomore students should contact the College of Business Student Services Center Director, Barbara (Bobbie) S. Olson in the business building, room 203 (telephone 208-385-3859).

Student Scholarships

Scholarships are available to students demonstrating the ability to achieve excellence in business studies. Approximately $100,000 will be distributed each year among College of Business majors. Students must submit the appropriate applications by February 1. Interested students should contact Student Financial Aid Services at (208) 385-1664.

Student Organizations

Scholarships are available to students demonstrating the ability to achieve excellence in business studies. Approximately $100,000 will be distributed each year among College of Business majors. Students must submit the appropriate applications by February 1. Interested students should contact Student Financial Aid Services at (208) 385-1664.

Beta Alpha Psi, national accounting; Alpha Eta Rho, national aviation fraternity; Alpha Kappa Psi, national business fraternity; Data Processing Management Association, Association of Data Processing Professionals; Omicron Delta Epsilon, economics; Finance Club, finance; Human Resource Association, management; Entrepreneur Club, management; Phi Sigma Epsilon, national marketing fraternity; Delta Epsilon Chi, mid-management; and Ad Club, marketing; are some of the campus organizations that offer students a chance to expand their educational opportunities. In addition, the College of Business has a chapter of Beta Gamma Sigma (BGS), the national scholastic honor society for business students. BGS chapters are chartered only at AACSBB accredited business colleges.

Special Requirements and Options

The Bachelor of Business Administration (BBA) degree is available by completing all requirements for that degree as described in the Baccalaureate Degrees section of this Catalog and listed on the following pages under the appropriate major. Additionally, College of Business students may qualify, at their option, for the BA or BS degree by completing the additional Liberal Arts or Science course requirements for those degrees. Faculty advisors should be consulted about these additional requirements.

Transfer of Credits: In general, the College of Business limits the transfer of credits for business courses which apply to business degree requirements to courses which are offered at the same level. In other words, a lower division transfer course cannot be accepted to satisfy an upper division requirement of the College of Business. Department Heads may authorize validation of such lower division courses by certain techniques such as CLEP, departmental competency examinations, and/or special permission to enroll in higher level classes for which the course in question is a prerequisite. See the Department Head for details.

Specialized Programs: A special curriculum leading to a two year Associate Degree in Marketing-Mid-Management is available. Within resource limitations, other specialized curricula for skill areas are offered. Most credits earned in these curricula may later be applied toward the Bachelor degree. Students should understand that not all courses taken in these special areas are applicable to all Bachelor degrees. Therefore, graduation may require more than 128 credits.

Boise area companies and governmental institutions provide exceptional opportunities for students to develop business skills in a "real world" environment. Students' internship assignments are jointly supervised by company management and BSU College of Business faculty members. Academic credit is awarded and financial compensation is possible.

Upper Division Admission

Administrator: Ronald R. Slone
Business Building, Room 211
Telephone (208) 385-3463

The College of Business requires admission to upper division standing by petition. This requires all students to meet certain criteria in order to be admitted to upper division standing and therefore allowed to continue in the College of Business at Boise State University.

Minimum Criteria for Upper Division Admission

1. Admission to Boise State University.
2. Successful completion of these lower division core courses (or equivalent courses): English E 101-102, Mathematics M 105-106, Economics EC 201-202, Accounting AC 205-206, Legal Environment of Business GB 202, Information Science IS 210, Statistics DS 207, with grades of C or better.
3. Cumulative GPA of at least 2.4.
4. Completion of at least 58 credit hours, including courses in progress the application semester.
5. Selection of an authorized major.
6. Application with transcript by preregistration week each semester.

Bachelor Degree Programs

NOTE: The student will find under each major the particular course of study to follow. Where the designation "Core Electives" appears, refer to the allowed listing of courses in the Degree Requirements (Core) section of this Catalog. Where the designation "Non-Business Electives" appears, lower or upper division courses are to be chosen in any discipline other than those administered in the College of Business, but must include hours from at least two of the three defined areas: Area I, II, or III. The designation "Free Electives" refers to those hours which may be earned in courses offered by the College of Business or other academic units.

Graduation Requirements: See the Baccalaureate Degrees section of the Catalog for a complete listing of these requirements for the BBA, BA, and BS degrees.

All College of Business Baccalaureate degree candidates are required to complete the courses required for Upper Division admission before enrolling in Upper Division courses in the College of Business.

All 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 College of Business.

College of Business Baccalaureate candidates are required to complete the following Upper Division courses prior to GB-450, Business Policies, which is also a required core course:

- Business Communication AS-328
- Management & Organizational Theory MG 301
- Principles of Marketing MK-301
- Principles of Financial FI-303
- Principles of Production Management DS-345

The one exception to this requirement is in the BA in Economics program as described in the Catalog.

Department of Accounting

Business Building, Room 214 Telephone (208) 385-3461

Acting Chairman and Associate Professor of Accounting: William C. Lathen; Professor: Merz; Associate Professors: Jensen, Medlin, Nix, Pirrong; Assistant Professors: Bain, English, Koeppen; Special Lecturers: Bates, Boyll, Christensen.

Degrees Offered

- BBA, BA, and BS in Accounting
Department Statement
The Department of Accounting at Boise State University has over 600 undergraduate majors. There are many professional opportunities available for college graduates with an accounting background and the demand for graduates is high.

Members of the accounting faculty possess impressive credentials. There are 12 full-time faculty. Eight have completed the doctorate; nearly all are CPAs; and four are CMAs. Their research is recognized through publication in many professional journals. Faculty frequently serve in consulting capacities to local and national business firms. Most of the faculty have extensive relevant experience in industrial, public, and governmental accounting.

Perhaps the most interesting and unique feature of the department is its close relationship to the business community. Guest lecturers frequently conduct classes and workshops. This "corporate laboratory" experience at BSU provides the student with a unique perspective not typically available at other schools.

The Accounting program provides thorough training in accounting, general business, and economics, along with a broad exposure to the arts and sciences.

In many courses, the student is required to use the IBM Personal Computer to prepare working papers and assignments. The College of Business has a microcomputer laboratory and a microcomputer classroom where students are taught the basic skills. These skills are then integrated within several of the accounting courses, providing a significant educational benefit. For example, AC 304 Intermediate Accounting I, teaches and requires a basic competency of spreadsheet techniques using Lotus 1-2-3. The AC 420 Analysis, Design, and Audit of Accounting Information Systems class is taught entirely in the microcomputer room and all assignments are done using the micros.

The internship program is large and growing. The student has the opportunity to earn college course credits while realizing the benefits of real world accounting experience. Most firms participating in the internship program offer a salary to students.

Special Information for Students
1. Students interested in careers in professional accounting are advised to plan on taking more than the minimum 128 hours required for graduation. This is necessary to obtain the minimum knowledge requirements for entry into the accounting profession. In particular, students planning to sit for the CPA/CMA/CIA examinations should take the following additional courses:
   - CPA: AC 402, 460, and 470
   - CMA: AC 352 and 402
   - CIA: AC 406

2. Because of the rigor and intensity of the upper division accounting program, students are strongly urged to consult with their advisor before entering upper division to develop an individualized plan.

Degree Requirements
In addition to general university requirements, the following courses are required for an Accounting major:

**Business Courses:** AC 205, 206, E-101, 102, EC 201-202, DS-207, IS-210, plus M-10G or M-204.

**Core Courses:** The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC-205, 206, 304-306, 401, 402, 405, 406, 408, 470.

**Recommended Program**

**ACCOUNTING PROGRAM Bachelor of Business Administration Degree**

<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>Mathematics M 105-106 or M 111-112</td>
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<td>Core Electives (Area I, II)</td>
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<tr>
<td>Non-business electives</td>
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**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester</th>
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<tbody>
<tr>
<td>Intro to Financial Accounting AC 205</td>
<td>3</td>
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<tr>
<td>Intro to Managerial Accounting AC 206</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Economics EC 201-202</td>
<td>3</td>
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<tr>
<td>Intro to Information Science IS 210</td>
<td>3</td>
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<tr>
<td>Statistical Techniques DS 204</td>
<td>3</td>
</tr>
<tr>
<td>Legal Environment of Business GB 202</td>
<td>3</td>
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<td>Non-business Electives</td>
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<td>Core Elective (Area III)</td>
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**JUNIOR YEAR**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Intermediate Accounting II AC 304-306</td>
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<tr>
<td>Cost Accounting AC 351</td>
<td>3</td>
</tr>
<tr>
<td>Analysis, Design &amp; Audit of Accounting Information Systems AC 420</td>
<td>3</td>
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<tr>
<td>Advanced Income Taxation AC 402</td>
<td>3</td>
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<tr>
<td>Intermediate Microeconomics EC 303</td>
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<tr>
<td>Business Communication AS 328</td>
<td>3</td>
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<tr>
<td>Principles of Marketing MK 301</td>
<td>3</td>
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<tr>
<td>Principles of Finance FI 303</td>
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<tr>
<td>Management &amp; Organizational Theory MG 301</td>
<td>3</td>
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<tr>
<td>Principles of Production Management DS 345</td>
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**SENIOR YEAR**

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<td>Commercial Law GB 302</td>
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<td>Organizational Behavior MG 401</td>
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<td>Business Policies JB 450</td>
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<td>Accounting Theory AC 440</td>
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It is highly recommended that accounting majors review for the CPA, CMA or CIA exams their last semester (200-300 hours). In the first semester senior year students need to plan on recruiting for employment (50-100 hours).

Core Courses: The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC-205, 206, E-101,102, EC 201-202, DS-207, IS-210, plus M-106 or M-204.

Course Offerings

**AC ACCOUNTING**

**Lower Division**

**AC 205 INTRODUCTION TO FINANCIAL ACCOUNTING (3-0-3)** Introduction to contemporary financial accounting in the business world. The emphasis is on obtaining an understanding of how financial statements are prepared and used. Includes the basic terminology, a theoretical framework and the double entry accounting system.

**AC 206 INTRODUCTION TO MANAGERIAL ACCOUNTING (3-0-3)** Introduction to contemporary Managerial Accounting. Study of manufacturing accounting is emphasized. Introduction to the analysis of financial information with tools such as capital budgeting, inventory measurement and control, and the impact of taxes on decision making. PREREQ: AC-205.

**Upper Division**

**AC 304 INTERMEDIATE ACCOUNTING I (3-0-3)** The course includes problems of valuation and presentation of assets, liabilities and proprietorship items. Analytical accounting problems and preparation of work sheets, financial statements and development of special reports are discussed. Future and present value concepts, current assets and inventories are included. A basic competency in Lotus 1-2-3 is also learned. PREREQ: AC 206.

**AC 306 INTERMEDIATE ACCOUNTING II (3-0-3)** Continuation of AC-304. Operational, fixed and intangible assets are covered. Also covered are: accounting for stockholders' equity, accounting changes, long-term investments in equity securities and price level changes. PREREQ: AC 304.

**AC 320 TAX FACTORS IN BUSINESS DECISIONS (3-0-3)** Introduction to impact of federal income taxes on business operating and financing decisions. Degree credit not allowed for both AC-320 and AC 401. Offered when possible. PREREQ: AC-206.

**AC 351 COST ACCOUNTING (3-0-3)** Theory of accounting and cost control, including job order, process, direct and standard costs, budgeting and break-even analyses. Emphasis on cost determination as a tool of management and production control. PREREQ: AC-206.

**AC 352 MANAGERIAL ACCOUNTING (3-0-3)** Development and use of accounting information in management planning, control, and decision processes. Topics include cost behavior, computer applications, and analytical methods such as gross profit, break-even, and incremental cost analysis. PREREQ: AC 351.

**AC 401 PRINCIPLES OF INCOME TAXATION (3-0-3)** Theory and applica-
AC 402 ADVANCED INCOME TAXATION (3-0-3). Theory and application of the federal income tax to corporations organized for profits, and an introduction to partnership, trust and estate and gift taxation. PREREQ: AC-306, AC-401.

AC 405 AUDITING (3-0-3)(F/S). 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 report. PREREQ: AC-306.

AC 406 AUDITING -- SPECIAL PROBLEMS (3-0-3)(F/S). This is a course reserved for in-depth study of particular problems in auditing. The topics change to cope with the dynamic nature of the profession. PREREQ: AC 405 or PERM/INST.

AC 420 ANALYSIS, DESIGN, AND AUDIT OF ACCOUNTING INFORMATION SYSTEMS (3-0-3). This course provides a study of alternative accounting information systems. The primary focus of this course is on the analysis, design, and audit of computerized accounting information systems. These are heavy emphasis on controls that can be designed into a system to prevent and detect errors. PREREQ: AC 304, PERM/INST.

AC 440-440G ACCOUNTING THEORY (3-0-3)(FS). 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. PREREQ: AC 306.

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. PREREQ: AC-405.

AC 460 NOT-FOR-PROFIT ACCOUNTING (3-0-3)(FS). Topics taught in this course include principles of accounting and financial reporting for not-for-profit organizations; fund and fiduciary accounting; budgetary procedures; financial statement analysis. PREREQ: AC 306.

AC 470 ADVANCED ACCOUNTING (3-0-3)(F/S). Topics covered in this course include partnership organization, business combinations and consolidated financial statements; international accounting standards. PREREQ: AC 306.

AC 482 CPA PROBLEMS (6-0-6)(S). In depth consideration of the more complex situations encountered in the practice of public accounting. Offered when possible. PREREQ: AC 405.

JUNIOR YEAR

Cost Accounting AC 351 ........................................ 3 -
Statistical Techniques II DS 208 ................................ 3 -
Management & Organizational Theory MG 301 ........... 3 -
Principles of Finance FI 303 .................................... 3 -
Principles of Marketing MK 301 .............................. 3 -
Business Communications AS 328 ......................... 3 -
Principles of Production Management DS 345 ........... 3 -
Intermediate Microeconomics EC 303 ...................... 3 -
Upper Division Economics Elective .......................... 3 -
Totals 15 18

SENIOR YEAR

Organizational Behavior MG 401 ............................ 3 -
Data Base Applications IS 405 ............................... 3 -
Quantitative Analysis for Business Decisions DS 366 ...... 3 -
Software Design IS 430 ........................................ 3 -
Business Policies GB 450 ....................................... 3 -
General Electives (Area I,II,III) .............................. 6 -
Free Electives .................................................. 4 - 3
Totals 16 15

PRODUCTION MANAGEMENT MAJOR
Bachelor of Business Administration

FRESHMAN YEAR

English Composition E 101-102 ................................ 3 3
Algebra, Trig, Calculus M 111-204 ............................. 5 5
Statistical Techniques I, II DS 207, 208 ..................... 4 4
Introduction to Financial Accounting AC 205 .............. 3 -
Intro to Information Sciences IS 210 ........................ 3 -
Electives (Area I) ............................................... 3 -
Engineering Fundamentals EN 107 ......................... 3 -
Totals 18 16

SOPHOMORE YEAR

Mechanics, Waves & Health + Lab PH 211-212 ............ 5 -
Calculus and Analy Geometry M 205-206 ................... 4 4
Statistical Techniques I, II DS 207, 208 ..................... 3 3
Introduction to Financial Accounting AC 205 .............. 3 -
Intro to Managerial Accounting AC 206 ..................... 3 -
Principles of Economics EC 201-202 ........................ 3 -
General Psychology P 101 ..................................... 3 -
Totals 18 16

JUNIOR YEAR

Electrical, Magnetism & Optics PH 213-214 .................. 5 -
Fundamentals of Speech Communications CM 111 .......... 3 -
Intro to Mechanics EN 205 .................................... 3 -
Business Communications AS 328 ........................... 3 -
Principles of Finance FI 303 .................................. 3 -
Elective (Area I) ............................................... 3 -
Management & Organizational Theory MG 301 .......... 3 -
Legal Environment of Business GB 202 .................... 3 -
Multivariate Statistics DS 416 .............................. 3 -
Totals 12 15

SENIOR YEAR

Organizational Behavior MG 401 ............................ 3 -
Quantitative Analysis DS 366 ................................. 3 -
Operations Management DS 408 ............................. 3 -
Principles of Income Tax AC 401 ............................. 3 -
Operations Decisions and Control DS 409 ................... 3 -
Mechanics of Material EN 306 .............................. 3 -
Intermediate Microeconomics EC 303 ...................... 3 -
*Elective ....................................................... 3 -
Business Ethics and Social Responsibility GB 360 ....... 3 -
Business Policies GB 450 .................................... 3 -
Totals 15 15

*Production Management Elective: Compensation Management, MG 406; Fluid Mechanics, EN 301; Labor Relations, EN 390; Labor Law, MG 330; Thermodynamics and Heat Transfer, EN 320.

QUANTITATIVE MANAGEMENT MAJOR
Bachelor of Business Administration

FRESHMAN YEAR

English Composition E 101-102 ................................ 3 3
Fund of Speech Communication (Area II) CM 111 ........ 3 -
Totals 6 6
IS 210 INTRODUCTION TO INFORMATION SCIENCE (3-4-3)(F/S). Management Information Systems is the framework providing decision makers together in an organization. This course will discuss the system's development process including: (1) feasibility study; (2) requirements definition; (3) system alternatives; (4) selection of alternatives; (5) system design; (6) development and testing; and (7) system implementation.

IS 220 PROGRAMMING TECHNIQUES (3-4-3)(F/S). An introduction to computer programming in a business environment. Focus is on the fundamentals of structured program design, development, testing, and implementation of common business-oriented applications using BASIC. Discussion and application of top-down design strategies and structured programming techniques. PREREQ: IS 210.

IS 360 PROGRAMMING SYSTEMS-COBOL I (3-4-3)(F/S). An introduction to COBOL, programming in a business environment. Emphasis on further application of structured program design, implementation, and documentation of business-oriented applications. Coverage of language syntax, data and file structures, report generation, input editing, table processing, and sequential file creation and access. PREREQ: IS 220.

IS 365 DATABASE APPLICATIONS (3-4-3)(F/S). Introduction to application program development in a database environment with an emphasis on loading, modifying, and querying the database using a host language (COBOL). Discussion and application of data structures, file organizations, models of data including hierarchical, network, and relational. Discussion of storage devices and data administration. PREREQ: IS 360.

IS 420 SYSTEMS ANALYSIS AND DESIGN (3-0-3)(F). Study of structured systems development. Emphasis on strategies and techniques of structured analysis and design to produce a logical methodology for dealing with complexity in the development of information systems; and to produce systems specifications and plans for developing and implementing information systems that satisfy user requirements. PREREQ: IS 370.

IS 430 SOFTWARE DESIGN (3-0-3)(F). Application of computer programming and system development concepts, principles, and practices to a comprehensive system development project. A team approach is used to analyze, design and document realistic systems of moderate complexity. Use of project management methods, scheduling and control techniques, formal presentations and group dynamics. PREREQ: IS 420.
### Recommended Program

#### FRESHMAN YEAR

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<tr>
<td>Math M 105-106 or M 111-204</td>
<td>4-5</td>
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<td>History HY 101-102 or 201-202</td>
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<td>Philosophy PY 101</td>
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#### SOPHOMORE YEAR

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#### JUNIOR YEAR

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<td>History Economic Thought EC 311</td>
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#### SENIOR YEAR

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**ECONOMICS MAJOR QUANTITATIVE EMPHASIS Bachelor of Arts Degree**

1. **TOTAL Requirements**
   General University and Major Requirements 128
2. **LOWER DIVISION**
   COURSES (Total) 53 or 56
   English Composition E 101-102 or E 111-112 6
   Literature (Area I Core) 3
   Introduction to Philosophy PY 101 3
   Other Arts and Humanities (Area I) Core Courses* 3
   Principles of Economics EC 201-202 or EC 201H-202H 6
   History of Western Civilization HY 101-102 or HY 201-202 6
   Social Science (Area II) Core Course other than HY or EC 3

3. **UPPER DIVISION**
   COURSES (Total) 43 or 45
   Intermediate Microeconomics EC 303 3
   Intermediate Macroeconomics EC 305 3
   History of Economic Thought EC 311 3
   Econometrics EC 421-422 6
   Economics Electives 12
   Linear Algebra M 301 4
   Statistics M 361 or DS 207-208 4 or 6
   Upper-division Decision Science or Math electives 8
4. **ELECTIVES**
   Lower or Upper Division** 27 to 32

* Must include at least one Area I field other than literature or philosophy.
** Among these courses must be at least 6 credits in Arts and Humanities (Area I) or Non-economics Social Sciences (Area II). These courses need not be chosen from the list of core courses. They may be either lower- or upper-division.

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**Recommended Program**

**FRESHMAN YEAR**

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<td>History HY 101-102 or 201-202</td>
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**SOPHOMORE YEAR**

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<td>Statistics DS 207</td>
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**JUNIOR YEAR**

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<td><strong>18 15-16</strong></td>
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**ECONOMICS--SOCIAL SCIENCE SECONDARY EDUCATION EMPHASIS Bachelor of Arts Degree**

The Social Science, Secondary Education Emphasis degree programs are cooperative, interdisciplinary programs involving the Departments of Economics, History; Political Science; and Sociology, Anthropology, and Criminal Justice. Each of these departments provides a major emphasis with the Social Science, Secondary Emphasis. The following requirements apply for students choosing this emphasis.

1. Must complete a minimum of 30 credits in the subject matter of one of the above departments.
2. Must complete a minimum of 15 credits in each of two of the above departments.
3. Must complete six credits in U.S. History and three credits of American National Government for certification requirements.

See the department listings for each of these departments for additional information.

1. TOTAL Requirements
   General University and Major Requirements 128

2. LOWER DIVISION
   COURSES (Total) 54 or 55
   English Composition E 101-102 or E 111-112 6
   Literature (Area I Core) 3
   Other Arts and Humanities (Area I) Core Courses* 9
   Principles of Economics EC 201-202 or EC 201H-202H 6
   U.S. History (Area II Core) HY 151-152 6
   American National Government PO 101 3
   Mathematics for Business Decisions M 105-106 8
   Natural Science (Area III Core) 3
   Foundations of Education TE 201 (Sophomore Year) 3
   Intro Financial Accounting AC 205 3

3. UPPER DIVISION
   COURSES (Total) 47
   Intermediate Microeconomics EC 303 3
   Intermediate Macroeconomics EC 305 3
   Economics Electives 12
   Educational Psychology P 325 3
   * Reading in the Content Subjects TE 407 3
   Educational Exceptional Secondary Students TE 333 1
   Secondary School Methods TE 381 3
   Secondary School Social Studies Methods TE 385 3
   Senior High School Student Teaching TE 485 10

4. ELECTIVES
   Lower or Upper Division Electives 30
   First Teaching Minor 15
   Second Teaching Minor 15
   Free Electives 2

* Must include two Area I fields other than literature.

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Those students considering or planning on graduate study in economics should complete a calculus sequence (M 204-206 or M 211-212) and Linear Algebra (M 301).

BUSINESS ECONOMICS MAJOR
Bachelor of Business Administration Degree

1. TOTAL Requirements
   General University and Major Requirements 128

2. LOWER DIVISION
   COURSES (Total) 54 or 55
   English Composition E 101-102 or E 111-112 6
   Literature (Area I Core) 3
   Other Arts and Humanities (Area I) Core Courses* 9
   Principles of Economics EC 201-202 or EC 201H-202H 6
   U.S. History (Area II Core) HY 151-152 6
   American National Government PO 101 3
   Mathematics for Business Decisions M 105-106 8
   Natural Science (Area III Core) 3
   Foundations of Education TE 201 (Sophomore Year) 3
   Intro Financial Accounting AC 205 3

3. UPPER DIVISION
   COURSES (Total) 47
   Intermediate Microeconomics EC 303 3
   Intermediate Macroeconomics EC 305 3
   Economics Electives 12
   Educational Psychology P 325 3
   * Reading in the Content Subjects TE 407 3
   Educational Exceptional Secondary Students TE 333 1
   Secondary School Methods TE 381 3
   Secondary School Social Studies Methods TE 385 3
   Senior High School Student Teaching TE 485 10

4. ELECTIVES
   Lower or Upper Division Electives 30
   First Teaching Minor 15
   Second Teaching Minor 15
   Free Electives 2

* Must include two Area I fields other than literature.

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Those students considering or planning on graduate study in economics should complete a calculus sequence (M 204-206 or M 211-212) and Linear Algebra (M 301).

Recommended Program

FRESHMAN YEAR
   1st 2nd SEM SEM
   English Composition E 101-102 or E 111-112 3 3
   Math M 105-106 or M 111-112 4-5 4-5
   Area I Core 3 3
   Area II Core (Non-economics) 3 3
   *Non-business Electives (Area I, II, III) 3 3
   TOTAL 16-17 16-17

SOPHOMORE YEAR
   Intro to Financial Accounting AC 205 3
   Intro to Managerial Accounting AC 206 3
   Legal Environment of Business GB 202 3
   Statistics DS 207-208 3
   Intro Information Science IS 210 3
   *Non-business Elective (Area I, II, III) 3 3
   TOTAL 15 16

JUNIOR YEAR
   Intermediate Microeconomics EC 303 3
   Intermediate Macroeconomics EC 305 3
   History Economic Thought EC 311 3
   Management and Organizational Theory MG 301 3
   Prin Finance Fl 303 3
   Prin Marketing MK 301 3
   Business Communication AS 328 3
   Prin Production Management DS 345 3
   *Non-business Electives (Area I, II, III) 3 4
   TOTAL 15 16

SENIOR YEAR
   Econometrics EC 421-422 3
   Economics Electives 6 6
   Organizational Behavior MG 401 3
   Business Policies GB 450 3
   Free Electives 4-5 5-6
   TOTAL 16-17 17-18

* Must include hours in at least two of the three Areas I, II, III.

Course Offerings

EC ECONOMICS

Lower Division

EC 201 PRINCIPLES OF ECONOMICS-MACRO (3-0-3)(Area II). 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 employment, price stability, growth and the balance of payments are analyzed. Monetory, fiscal and other national policies are discussed.

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). A one 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.) PREREQ: none.

Upper Division

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 economies of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. PREREQ: EC 201, EC 202.

EC 303 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 the analysis of social problems and managerial decisions is stressed. PREREQ: 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 monetary policy instruments and decisions on aggregate economic performance goals. PREREQ: EC 201.

EC 310 (PO 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. PREREQ: EC 201, 202, 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. PREREQ: 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. PREREQ: EC 201 or PERM/INST.


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 multiplier and cost benefit analysis are developed. PREREQ: EC 201-202.

EC 322 URBAN ECONOMICS (3-0-3)(S). Focus on the structure of the urban areas, locational patterns, housing, crime, pollution, poverty, financial and transportation problems. Tools of economic analysis will be used to analyze the problems and existing and proposed policies. PREREQ: 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 socioeconomic problems. Topics include Marxist 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. PREREQ: 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 emphasized to analyze the micro- and macroeconomic factors affecting workplace decisions. Development of the U.S. industrial relations system is reviewed along with related policies and these are contrasted with those of other western industrialized societies. PREREQ: EC 201-202.

EC 333 NATURAL RESOURCE ECONOMICS (3-0-3)(F). The theoretical and policy issues associated with the use of natural resources are addressed, including property rights issues which arise when considering collective goods, externalities and common property resources. Tools used in the design and evaluation of resource policy, such as benefit/cost analysis, are covered. PREREQ: EC 202.

EC 405 BUSINESS FLUCTUATIONS AND ECONOMIC STABILIZATION (3-0-3) (Alternate years). 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. PREREQ: EC 305. Alternate years.

EC 417 (HY 417) 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. PREREQ: EC 201, 202 or PERM/INST. Alternate years.

EC 421-422, 421G-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. PREREQ: M 106 or equivalent and EC 201-202. May be taken for graduate credit. EC 421G-Fall; EC 422G-Spring. (EC 421 is prerequisite for EC 422.)

Department of Management
Business Building, Room 313
Telephone (208) 385-1313

Chairman and Professor: Dr. Bong Shin; Professors: Kelly, White, Wilting; Associate Professors: Bigelow, Bixby, Glen, Kettlewell, Napier, Waldorf, Wines; Assistant Professors: Gundars, Kaupins; Special Lecturer: Jameson.

Degrees Offered
- BBA, BA, and BS in General Business Management
- BBA, BA, and BS in Management, Entrepreneurial Emphasis
- BBA, BA, and BS in Management, Human Resource Management Emphasis
- BBA, BA, and BS in Management, Transportation Emphasis

Recommended Programs

GENERAL BUSINESS MANAGEMENT MAJOR
Bachelor of Business Administration Degree

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MANAGEMENT MAJOR
ENTREPRENEURIAL EMPHASIS
Bachelor of Business Administration Degree

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College of Business

Business Communications AS 328 .......................... 3  
General Electives .................................. 7  
Totals ........................................ 18 16

SENIOR YEAR
New Venture Creation MG 318 ......................... 3  
Working Capital Management I FI 410 ............. 3  
Government and Business GB 441 ................ 3  
Intermediate Mktg. Management MK 320 ... 3  
Organizational Behavior MG 401 .......... 3  
Management of Technology MG 405 ... 3  
Business Policies GB 450 ......................... 3  
General Electives ................................ 6 3  
Totals ........................................ 15 15

MANAGEMENT MAJOR
HUMAN RESOURCE MANAGEMENT EMPHASIS
Bachelor of Business Administration

FRESHMAN YEAR
English Composition E 101-102 .................. 3  
Fundamentals of Speech Comm (Area II) CM111 3  
General Psychology (Area I) P 101 ........ 3  
Mathematics (Area III) M 105-106 or M 111-204 4 4  
Electives (Area I) ...................... 3  
Science Elective ................................ 4  
General Electives (Area I,II,III) ............. 3  
Totals ........................................ 16 17

SOPHOMORE YEAR
Principles of Economics (Area II) EC 201-202 . 3 3  
Intro Financial & Managerial Acct AC 205-206 . 3 3  
Statistical Techniques I & II DS 207-208 ... 3 3  
Introduction to Information Science IS 210 .... 3 3  
Principles of Finance FI 303 ................... 3 3  
Transportation Law GB 371 .................. 3 3  
Principles of Transportation GB 325 .......... 3 3  
Principles of Production Management DS 345 . 3 3  
General Electives (Area I,II,III) ............. 3 3  
General Electives ................................ 3 4  
Totals ........................................ 18 16

SENIOR YEAR
Logistics Theory GB 350 ........................... 3  
International Transportation MG 341 ........ 3 3  
Airline/Air Cargo Management AV 351 .... 3 3  
Business Ethics GB 360 ....................... 3 3  
Organizational Behavior MG 401 ....... 3 3  
Government and Business GB 441 ........ 3 3  
Business Policies GB 450 ...................... 3 3  
Seminar in Air Transportation AV 450 ....... 3 3  
General Electives (Area I,II,III) .......... 3 3  
General Electives ................................ 3 4  
Totals ........................................ 15 15

Course Offerings

AV AVIATION MANAGEMENT

Lower Division
AV 101 INTRODUCTION TO AERONAUTICS (3-0-3). Survey of basic aerodynamics, meteorology, navigation and Federal Aviation Agency regulations. An orientation of the historical development of aviation and the development of scientific and basic theory of flight. At termination, the student may take the FAA Private Pilot examination.

AV 201 COMMERCIAL PILOT GROUND SCHOOL (3-0-3)(F). Study of weather, navigation, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. PREREQ: Private pilot certificate.

AV 205 INTRODUCTION TO AVIATION MANAGEMENT (3-0-3)(F/S). Designed to provide a foundation for the student of aviation management. Regulatory practices, marketing, flight operation, manpower management and career opportunities in the field are featured.

Upper Division
AV 331 AIRPORT MANAGEMENT (3-0-3)(F/S). Selection and use of ground facilities connected with the aviation industry. Covers construction and communication facilities, cargo and passenger handling procedures and policies, flight-deck and maintenance crew services, operation and maintenance of public facilities. PREREQ: AC 205.

AV 351 AIRLINE AND AIR CARGO MANAGEMENT (3-0-3)(F/S). The functions of management in airline operations. Air carrier familiarization, effect of federal regulations, marketing analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management.

AV 450 SEMINAR IN AIR TRANSPORTATION (3-0-3)(F/S). Selected readings and topics on current issues in the air transportation industry. It is an in depth review of past, present and future roles of involvement representing all sectors of the industry.

GB GENERAL BUSINESS

Lower Division

GB 101 INTRODUCTION TO BUSINESS (3-0-3). Designed to acquaint the student with the many phases of business. An introduction to the business and commercial transactions. Special emphasis is placed on business vocabulary. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

GB 202 THE LEGAL ENVIRONMENT OF BUSINESS (3-0-3). Emphasis will be on both the external and internal legal environment of a business organization. Topics include the nature and function of the legal process, administrative regulations, the interaction of business with the judicial, legislative, and executive branches of government, and the legal responsibilities of business. Freshmen excluded.

Upper Division

GB 302 COMMERCIAL LAW (3-0-3). This course provides an in-depth study of the legal principles relating to business and commercial transactions. Special emphasis will be placed on the following areas of law: agency, contracts, sales, commercial paper, secured transactions, and bankruptcy. PREREQ: GB 202.

GB 325 PRINCIPLES OF TRANSPORTATION (3-0-3)(F/S). Study of the economic and management problems and functions of the transportation indus-
try. 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 330 LOGISTICS THEORY (3-0-3)(F/S). This course discusses Management's responsibility for the movement of raw materials and finished products, including traffic management, plant location, materials handling, distribution warehousing, inventory control, and production scheduling.

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 371 TRANSPORTATION LAW (3-0-3)(F/S). This course will provide a coverage of the legal issues involved in the field of transportation such as jurisdiction, carrier responsibility, and current regulation in a de-regulated environment.

GB 441-441G 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 federal and state regulatory agencies. May be taken for graduate credit. PREREQ: GB 392.

GB 450 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 world-wide. To build upon and integrate the knowledge and methods acquired to examine all functional areas of the organization. PREREQ: Senior standing plus MG 301, MG 303, DS 345, FI 303.

MG MANAGEMENT

MG 301 MANAGEMENT AND ORGANIZATIONAL THEORY (3-0-3). Emphasis on conceptual application of management and organizational theory, nationally and internationally. Topics include organizational environments, decision making, design, technology, leadership, effectiveness, and information and control.

MG 305 PERSONNEL ADMINISTRATION (3-0-3)(F/S). The functions of personnel administration-human resources, planning, procurement, development, utilization, and compensation—with an emphasis on the interrelationships among these functions. Current topics in the law as they affect the personnel functions are considered (e.g., OSHA, Fair Employment Regulations, etc.). PREREQ: MG 301 or PERM/INST.

MG 317 SMALL BUSINESS AND ENTREPRENEURIAL MANAGEMENT (3-0-3)(F/S). Study of the unique and distinct problems encountered by small business organizations. Covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis is placed on small business management techniques as they apply to service, retail, and production oriented small businesses. PREREQ: MG 301.

MG 318 NEW VENTURE CREATION (3-0-3)(F/S). This course is a continuation of MG 317 Small Business and Entrepreneurial Management. Topics include the legal, financial, marketing, and managerial issues involved in creating a new enterprise. A major requirement of the course is the completion of a comprehensive business plan describing and analyzing a proposed new venture.

MG 330 HUMAN RESOURCE MANAGEMENT (3-0-3)(F). The general principles of the law and the effective application of these principles. Such issues as organizing campaigns, unfair labor practices, picketing, work stoppages, and the mechanism of conflict resolution are discussed.

MG 340 EMPLOYEE AND LABOR RELATIONS (3-0-3)(S/F). History, structure, policies, and operations of labor unions, the functioning of industrial relations activities within organizations, and important concept and terminology in labor-management relations. Contract administration is emphasized with a focus on the day-to-day relationships. International comparisons are made.

MG 344 INTERNATIONAL TRANSPORTATION (3-0-3)(F). An insight into the study of documentation, rates, conferences, terminal problems, government policies and aids, carriers and routes associated with international trade. Water transportation associated with domestic services is featured.

MG 401 ORGANIZATIONAL BEHAVIOR (3-0-3). Emphasis on action skills useful for managers. Topics include managing of self, communicating, motivating, innovating, managing a group, using oral and social power, persuading, and dealing with uncertainty. PREREQ: MG 301.

MG 405 MANAGEMENT OF TECHNOLOGY (3-0-3)(F/S). Study of the business implications of major technological changes such as computer integrated manufacturing, office automation, and telecommunications. Develops a framework for examining the strategic, structural and socio-technical aspects of managing technological change in organizational settings. PREREQ: MG 301.

MG 406 COMPENSATION MANAGEMENT (3-0-3)(F/S). 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 of public employees and employees of trans-national enterprises. PREREQ: MG 305 or PERM/INST.

MG 415 COLLECTIVE BARGAINING (3-0-3). 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. Special attention is devoted to public sector bargaining. PREREQ: MG 340, 330, or PERM/INST.

Department of Marketing and Finance

Business Building, Room 306 Telephone (208) 385-3356

Chairman and Professor: Darwin W. Manship; Professors: Cornwell, Frankle, Gardner, Gill, Lincoln, Scudder; Associate Professors: Lane, McCain; Assistant Professors: Scott, Ray.

Degrees Offered

- AS in Marketing-Mid Management
- BBA, BA, and BS in Finance
- BBA, BA, and BS in Marketing

Recommended Programs

The Finance curriculum is designed with major emphasis in three areas of finance: corporate finance, investment and portfolio management, and financial institutions and markets. The student can select a general program or may concentrate course selection around the broad areas of finance. The course offerings are preparation for financial decision making utilizing accounting and market information within a framework of economic theory. A major in the area of finance prepares students to deal with a wide range of financial situations, including those which concern businesses, financial institutions, individuals, and government.
**FINANCE MAJOR**
Bachelor of Business Administration Degree

**FRESHMAN YEAR**

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<td>Decision Processes in Banking FI 421</td>
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* *Major elective in Accounting, Economics, Real Estate or Finance, advisor approval required.

**MARKETING MAJOR**
Bachelor of Business Administration Degree

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<td>Advanced Marketing Management MK 425</td>
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<td>Business Policies GB 450</td>
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<td>Marketing Research MK 415</td>
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<td>Economics Electives (Upper Division)</td>
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* *Counts as part of the 6 hour Area II requirement other than Economics.
* *At least 16 hours of electives must be outside of the College of Business. The 16 hours must include hours from at least 2 of the 3 defined Areas I, II, and III.

**MARKETING--MID-MANAGEMENT MAJOR**
Associate of Science

**FRESHMAN YEAR**

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<thead>
<tr>
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<tr>
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<tr>
<td>Introduction to Business Business GB 101</td>
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<tr>
<td>Principles of Economics-Micro EC 202</td>
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**SOPHOMORE YEAR**

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<tr>
<td>Consumer Marketing MM 201</td>
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<td>Principles of Economics-Micro EC 202</td>
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<td>Principles of Advertising MM 203</td>
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<td>Report Writing MM 209</td>
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<td>Introduction to Microcomputer Applications</td>
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<td>Retailing MM 250</td>
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<td>Retail Merchandising MM 204</td>
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<td>General Psychology P 101</td>
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<td>Mid-Management Practicum MM 100</td>
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**Course Offerings**

**AS ADMINISTRATIVE SERVICES**

**Upper Division**

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<td>AS 309 RECORDS MANAGEMENT (3-0-3)(F)</td>
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<td>AS 317 OFFICE AND INFORMATION SYSTEMS MANAGEMENT (3-3-3)(S)</td>
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<td>AS 328 BUSINESS COMMUNICATION (3-0-3)(F/S)</td>
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<td>AS 338 TECHNICAL WRITING FOR BUSINESS (3-3-3)(S)</td>
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<td>FI FINANCE</td>
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<td>FI 208 PERSONAL FINANCE (3-0-3)(F/S)</td>
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<td>AS 399 RECORDS MANAGEMENT (3-0-3)(F)</td>
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**Lower Division**

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<tr>
<td>FI 208 PERSONAL FINANCE (3-0-3)(F/S)</td>
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</table>
of investing are introduced to acquaint students with investment vehicles, markets, and processes. Other topics will include speculation, options, and commodities. This course may not serve as a finance elective.

**Upper Division**

**FI 303 PRINCIPLES OF FINANCE (3-0-3)/(F)**. An introductory course focusing on financial management for business concerns. Topics include: allocation of resources for investment in short- and long-term decisions with respect to debt and equity financing, and dividend policy. Lectures and reading are blended with problems and cases for class discussion. and securities. PREREQ: College of Business UD Standing, or CFIN 101.

**FI 410-410G WORKING CAPITAL MANAGEMENT (3-0-3) (F).** Formerly FI 325, Financial Management II). This course considers the short-term financial management of a firm. Financial analysis of past, present, and future operations is emphasized. Cash flow analysis, management of current accounts, and cost benefit analysis are stressed. Case discussions provide a merging of theoretical concepts and practical application. PREREQ: Upper Division Standing, FI 303.

**FI 411-411G CAPITAL BUDGETING AND PLANNING (3-0-3) (F).** Formerly FI 326, Financial Management II). Acquisition and allocation of long-term sources of funds are the subject of this course. Emphasis is placed on fund-raising and the problems associated with measurement and structural influences on the firm's cost of capital. Cash flow analysis and alternative investment decision rules are examined. Cases are used for classroom discussion as a link between theory and practice. PREREQ: Upper Division Standing, FI 303, DS 208.

**FI 420-420G MANAGEMENT OF FINANCIAL INSTITUTIONS (3-0-3) (F).** Formerly FI 411G. Financial Management II). Financial institutions and financial markets are examined and their roles in the economy are discussed. Emphasis is placed on the changes taking place within the financial community and the effects on financial institutions in general and commercial banking in particular. PREREQ: Upper Division Standing, FI 303, EC 301.

**FI 421-421G DECISION PROCESSES IN BANKING (3-0-3) (S).** The topics included in this course are those which involve the specific decision making areas faced by participants in the banking industry. These decision areas include the management of liquidity reserves and securities portfolios, consumer, business, and real estate loans, liability control, asset liability management, foreign banking, and international banking. PREREQ: Upper Division Standing, FI 420.

**FI 450-450G INVESTMENT MANAGEMENT (3-0-3) (F).** This course examines the U.S. Securities markets from both a theoretical and a practical viewpoint. Topics include: mechanics of direct investment, investment and management of income and growth, market structure, the efficient market hypothesis, Modern Portfolio Theory, the Capital Asset Pricing Model, and analysis of investment performance. Class format incorporates lecture, readings, and guest lectures. PREREQ: Upper Division Standing and FI 303, DS 208.

**FI 451-451G FRONTIERS IN FINANCIAL MARKETS (3-0-3) (S).** This course focuses on both recent and past innovations in the securities markets. Futures contracts and options and the theory of hedging using both agricultural and financial futures contracts will be discussed. Emphasis will be on the theory of options and the relationship between the underlying asset and the option. A combination of theory and practice will be sought relying on lecture, text material, journal and trade articles, and guest speakers. PREREQ: Upper Division Standing and FI 450.

**FI 498-499 SENIOR SEMINAR IN FINANCE (3-0-3) (F/S).** Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds on background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance students and a particular expertise of the instructor.

**MK MARKETING**

**Upper Division**

**MK 301 PRINCIPLES OF MARKETING (3-0-3)/(F).** 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, distribution, and promotion strategies, planning and administering marketing programs. Consumer, industrial, institutional, and international markets considered. PREREQ: MK 301.

**MK 320 INTERMEDIATE MARKETING MANAGEMENT (3-0-3)/(F).** Marketing principles and theories integrated with analytical and behavioral decision processes. Emphasis on problem recognition, marketing strategies, planning and administering marketing programs. Consumer, industrial, institutional, and international markets considered. PREREQ: MK 301.

**MK 415-415G MARKETING RESEARCH (3-0-3)/(F).** Theory and use of research for marketing decisions. Emphasis on research methods and techniques. Student participation in planning and conducting an actual research project. PREREQ: DS 208 and MK 301.

**MK 421 SALES ADMINISTRATION (3-0-3) (F).** 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. PREREQ: MK 301.

**MK 425 ADVANCED MARKETING MANAGEMENT (3-0-3)/(F).** Case and "real world" study of marketing problems. Emphasis on problem definition, recognition of alternative solutions, decision criteria, and defense of a "best" solution. PREREQ: MK 320 and MK 415.

**MM MARKETING-MID-MANAGEMENT**

**Lower Division**

**MM 100 MID-MANAGEMENT (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 SALESMAIHSHIP (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 105 ELEMENTS OF MANAGEMENT (3-0-3) (F).** Principles of management related to the functions of planning, organizing, staffing, directing, and controlling. Production is not considered. Mid-Management Majors only.

**MM 201 CONSUMER MARKETING (3-0-3) (F).** The activities of which goods and services flow from producer to ultimate consumer. Includes methods of analysis, policies, and evaluation of the various marketing institutions according to the function performed.

**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 204 RETAIL MERCHANDISING (3-0-3) (F).** Merchandise planning and control, expenses, and cost reduction, purchasing for resale, pricing of goods, retail control systems. Mid-management majors only.

**MM 209 REPORT WRITING (3-0-3) (F).** prepares the student to write reports for business related situations. Emphasis is placed on actual preparation of reports, research methods, and readability of the finished product. Mid-management majors only.

**MM 250 INTRODUCTION TO MICROCOMPUTER APPLICATIONS IN RETAILING (3-0-3) (S).** Applications in the retail field including basic operation, spreadsheets, and database applications. Spring Semester.
Part 9

College of Education

Dean: Richard L. Hart, Ed.D.
Associate Dean: Lamont S. Lyons, Ed.D.

College of Education Emeriti:
Beitia, B. Bowman, P. Bowman, Boyles, Burtch, Chatburn, Fairchild, Hill, Marks, D. Smith, L. Smith, Torbet, Wallace

Philosophy

The faculty of the College 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 activities 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.

Teacher Certification

The College of Education is the unit responsible for the preparation of students seeking state Certification as teachers. The Dean of the College is the official BSU representative responsible for recommending teacher certification for those students who successfully complete teacher education programs.

Counseling and Testing Services

The Counseling and Testing Center offers a wide range of services directed toward students, faculty, and staff at no charge, although students must be currently enrolled for a minimum of six credit hours.

Since the pursuit of personal or educational goals always involves changes and personal adjustments, the Center has developed a wide variety of strategies to help with these normal developmental concerns and to prevent potentially traumatic problems. These approaches are geared toward making successful development even better as existing strengths of the campus and students are supported. Consequently, the staff is involved in offering workshops and discussion groups designed to promote skill development and enhance the quality of student life.

The Center is also available to serve a similar role for faculty, administrators, staff, and committees interested in professional consultation. Each of the staff also teaches in the Psychology Department and offers courses on such subjects as peer counseling, stress management and the transition needs of non-traditional students plus workshops on test anxiety.

Appointments can be made by calling 385-1601 between 8 a.m. and 4:30 p.m. Monday through Friday or by coming to the Center on the sixth floor of the Education Building. Interviews are generally scheduled between 30 to 60 minutes.
Department of Health, Physical Education and Recreation

**Gymnasium, Room 209**

**Telephone (208) 385-1570**

**Chairman and Professor:** Glenn Potter; **Professor:** Button; **Associate Professors:** Hoeger, Lewis, Vaughn; **Assistant Professors:** Connors, Fahlese, Pfeiffer, Spitzer, Thorngren, Wallace; **Instructor:** Miller; **Special Lecturers:** Carringer, Craner, Kato, Moore, Sawyer, Van Wassenhove; **Educational Consultants:** Priest, Wade, Young.

**Degrees Offered**

- BS in Physical Education, Secondary Education
- BS in Physical Education, Non-Teaching Option

**Department Statement**

The Department of Health, Physical Education and Recreation has as its major focus, the comprehension, development, and promotion of a healthy lifestyle. The aim, through teaching, research and service activities, is to improve and enrich the quality of life by helping people value and achieve self-sufficiency and wellness. Learning motor skills, adhering to accepted personal health practices, engaging in meaningful leisure and vigorous fitness activities, and appreciating the beauty of skillful movement of one's physical and biological environment are among the vehicles employed to accomplish this end.

Students completing a course of study within the Department shall have developed and demonstrated skills in critical thinking, communication and total fitness. Development of the competencies and resources necessary to be models of the profession will occur through an in-depth series of activity, theory and practicum experiences. The process will enable graduates to interact effectively with people in espousing the philosophy of a healthy and skillful lifestyle in various settings.

To accomplish this challenge, the Department has developed two undergraduate options with different areas of specialty.

1. **Teaching Option:** For those seeking to certify as teachers at the K-6, 7-12 or K-12 grade levels.
   a. Teaching P.E.: For those majors seeking to certify as physical education instructors at the K-6, 7-12 or K-12 levels.
   b. Coaching: For those College of Education majors who also want to have special preparation for public school coaching.
   c. Athletic Training: For those who also desire to prepare for the National Athletic Trainers Association Certification Examination and qualify as an Athletic Trainer in a school setting.
   d. Health: For those requesting a strong minor in health education.

2. **Non-Teaching, Physical Education:** For those wishing to prepare for physical education related careers which do not require teacher certification.
   a. Exercise Science: For those desiring a strong emphasis in the biological sciences and exercise physiology as preparation for graduate school.
   b. Biomechanics: For those desiring additional understanding of the mechanical bases of human movement for coaching, research or preparation for graduate school.
   c. Athletic Training: For those preparing for the National Athletic Trainers Association Certification Examination and qualification as an Athletic Trainer in a college, professional sport or sports medicine clinic.
   d. Commercial/Industrial Fitness: This program is designed to prepare students to take the American College of Sports Medicine Health/Fitness Instructor Certification Examination and for employment in fields related to the Commercial/Fitness sector.

**Department Admission Requirements**

**Admission to Upper Division Standing:** The purpose of these admission policies is to provide the student an opportunity to be evaluated by Physical Education Department faculty prior to enrollment in upper division PE classes.

Students must make formal application to the PE Major Selection Committee for admission to upper division standing. Applications must be submitted at the beginning of the second semester, sophomore year. Application deadlines will be posted in G-209.

**Application criteria:**

1. The student's total credit hours including current course load must exceed 57 credit hours.
2. The student must have completed each of the following classes with a grade of C or better. (Application may be made whenever the student is enrolled in the last of the courses listed.)
   - E 101-102 English Composition
   - P 101 General Psychology (Area II Core)
   - CM 111 Fund of Speech Communication (Area II Core)
   - PS 100 Fundamentals of Science (Area III Core)
   - OR
   - PH 101-102 General Physics (Area III Core)
   - PE 100 Health Education
   - PE 101 Foundations of PE
   - PE 113 Rhythmic Skills
   - PE 114 Fitness Foundation
   - PE 115 Tumbling Skills
   - PE 117 Sports Skills
   - PE 122 Advanced First Aid or equivalent
   - PE 230 Applied Anatomy
   - PE 264 Microcomputers in PE or equivalent
   - Z 111 Anatomy and Physiology (Area III Core)
   - Z 112 Anatomy and Physiology (Area III Core)

3. The student's overall GPA at the time of application will determine acceptance to upper division standing as indicated below.
   a. 2.50 or above = Conditional acceptance
   b. 2.25 to 2.49 = Provisional acceptance
   c. Below 2.25 = Denial

4. In addition, each PE Department faculty member will have an opportunity to submit, in writing, recommendations as well as reservations regarding the student's:
   a. Envolvement in professional activities (e.g., the PE Major's Club, departmental projects, etc.)
   b. Skill level, considering both academic and physical skills.
   c. Commitment to becoming a professional physical educator.

Letters must be signed by the faculty member and will be kept in the student's file available to the student upon request.

The Selection Committee will review each application file and the student will be granted unconditional acceptance, provisional acceptance or denial of upper division standing.

**Degree Requirements**

**PHYSICAL EDUCATION, SECONDARY EDUCATION PHYSICAL EDUCATION, NON-TEACHING OPTION Bachelor of Science Degree**

**GENERAL UNIVERSITY REQUIREMENTS**

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**PHYSICAL EDUCATION CORE REQUIREMENTS**

(Required of all Graduates)

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<td>Rhythmic Skills PE 113</td>
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<td>Fitness Foundations PE 114</td>
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<td>Tumbling Skills PE 115</td>
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<td>Sports Skills PE 117</td>
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<td>Applied Anatomy PE 230</td>
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<td>Human Growth &amp; Motor Learning PE 306</td>
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<td>Evaluation in Physical Education PE 309</td>
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<td>Exercise Physiology PE 310</td>
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<tr>
<td>Kinesiology PE 311</td>
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<tr>
<td>Adapted PE - PE 451</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<td><strong>28-35</strong></td>
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</tbody>
</table>
College of Education

In addition, students must demonstrate:

1. Computer literacy by completing a computer class or by passing a proficiency exam offered by the department.
2. Competency in Advanced First Aid and CPR. This can be met by completing PE 122 or through the American Red Cross.
3. Competency in swimming. Testing will take place in PE 114. Students who fail to pass the test will be advised into a fitness activity swimming class.

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Recommended Programs

Physical Education, Secondary Education

Freshman Year

English Composition E 101-102.......................... 6
General Psychology P 101 (Area II Core).......................... 3
Human Anatomy and Physiology Z 111-112 (Area II Core).... 8
Health Education PE 100.......................... 3
Foundations of Physical Education PE 101.......................... 3
Rhythmic Skills PE 113.......................... 1
Fitness Foundations PE 114.......................... 3
Tumbling Skills PE 115.......................... 1
Sports Skills PE 117.......................... 1
Advanced First Aid & CPR PE 122 or equiv.......................... 3
Area I Core-Philosophy Elective.......................... 3

NOTE: Recommended the student take Sociology and/or Philosophy elective.

Sophomore Year

Applied Anatomy PE 230.......................... 3
Microcomputers in PE - PE 284 or equiv.......................... 3
Internship PE 293.......................... 1
Found of Education TE 201.......................... 3
Fund of Speech Comm CM 111.......................... 3
Found of Physical Science PS 100.......................... 3
OR

General Physics PH 101-102.......................... 4-8
Area I Core-Second & Third Fields.......................... 6
Area II Core-Sociology Elective.......................... 3
Fitness Activity*.......................... 2
Electives.......................... 4

Junior Year

Curriculum Proficiency PE 300.......................... 3
Instructional Styles PE 304.......................... 3
Human Growth and Motor Learning PE 306.......................... 3
Evaluation in Physical Education PE 309.......................... 3
Exercise Physiology PE 310.......................... 3
Kinesiology PE 311.......................... 3
Fitness Activity*.......................... 2
Educational Psychology P 325.......................... 3
Reading in Content Subject TE 407.......................... 3
Secondary School Methods TE 381.......................... 3
Area I Core-Area Field.......................... 1
Area I Core-Area Field.......................... 3

Senior Year

Adolescent Psychology P 312.......................... 3
Adapted PE - PE 451.......................... 3
Organization and Admin of PE - PE 457.......................... 3
Fitness Activity*.......................... 2
Student Teaching.......................... 9
Electives.......................... 30

NOTE: *Complete six (6) activity courses with at least one activity being selected from each category listed below. Physical Education (PE), fitness activities (FA) or one credit of varsity participation in a like activity may be used for credit. In cases where both PE & FA classes are offered, the PE activity must be taken.

SPORT: PE 143,144,212,217. FA 182,187.
DANCE: FA 121,122,123,124,125.

Athletic Training Emphasis

Freshman Year

English Composition E 101-102.......................... 6
General Psychology P 101 (Area II Core).......................... 3
Human Anatomy and Physiology Z 111-112 (Area III Core).... 8
Health Education PE 100.......................... 3
Foundations of Physical Education PE 101.......................... 3
Rhythmic Skills PE 113.......................... 1
Fitness Foundations PE 114.......................... 3
Tumbling Skills PE 115.......................... 1
Sports Skills PE 117.......................... 1
Training Room Procedures PE 120.......................... 1
Advanced First Aid & CPR PE 122 or equiv.......................... 3
Area I Core-Philosophy Elective.......................... 3

Sophomore Year

Applied Anatomy PE 230.......................... 3
Microcomputers in PE - PE 284 or equiv.......................... 3
Internship PE 293.......................... 1
Intro Athletic Injuries PE 236.......................... 3
Area II Core-Area Field.......................... 3
Fund of Speech Comm CM 111.......................... 3
Found of Physical Science PS 100 Area III Core.......................... 4
Area I Core-Area Field.......................... 3

Junior Year

Human Growth & Motor Learning PE 306.......................... 3
Evaluation in PE - PE 309.......................... 3
Exercise Physiology PE 310.......................... 3
Kinesiology PE 311.......................... 3
Conditioning Procedures PE 313.......................... 3
Nutrition H 207.......................... 3
Medical Terminology H 101.......................... 3
Adolescent Psychology P 312.......................... 3
Area I Core-Third &Any Field.......................... 6

Physiological Education, Non-Teaching Option

Biomechanics Emphasis

Freshman Year

English Composition E 101-102.......................... 6
General Psychology P 101 (Area II Core).......................... 3
Fund of Speech Comm CM 111 (Area II Core).......................... 3
Concepts of Human Anatomy & Physiology Z 107.......................... 4
Health Education PE 100.......................... 3
Foundations of Physical Education PE 101.......................... 3
Rhythmic Skills PE 113.......................... 1
Fitness Foundations PE 114.......................... 1
Sports Skills PE 117.......................... 1
Advanced First Aid & CPR PE 122 or equiv.......................... 3
Area I Core-Philosophy Elective.......................... 3

Sophomore Year

Applied Anatomy PE 230.......................... 3
Microcomputers in PE - PE 284 or equiv.......................... 3
Area II Core-Area Field.......................... 3
Calculus & Anal Geometry M 204-206 (Area III Core).......................... 13
Mechanics, Waves and Heat PH 221 (Area III Core).......................... 4
Intermediate Applied Programming M/PH 225.......................... 2
Area I Core-Area Field.......................... 3
Area II Core-Sociology Elective.......................... 3

Junior Year

Human Growth & Motor Learning PE 306.......................... 3
Evaluation in PE - PE 309.......................... 3
Exercise Physiology PE 310.......................... 3
Kinesiology PE 311.......................... 3
Conditioning Procedures PE 313.......................... 3
Area I Core-Area Field.......................... 3

Physical Education, Non-Teaching Option

Athletic Training Emphasis

Freshman Year

English Composition E 101-102.......................... 6
General Psychology P 101 (Area II Core).......................... 3
Human Anatomy and Physiology Z 111-112 (Area III Core).... 8
### PHYSICAL EDUCATION, NON-TEACHING OPTION

#### EXERCISE SCIENCE EMPHASIS

**PHYSICAL EDUCATION**

**JUNIOR YEAR**

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<td>Area I Core-Any Field</td>
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**SENIOR YEAR**

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<tr>
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<td>Psycho/Social Aspects of Activity PE 401</td>
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### FRESHMAN YEAR

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<td>General Psychology P 101 (Area II Core)</td>
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<td>Human Anatomy and Physiology Z 111-112 (Area III Core)</td>
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<td>Health Education PE 100</td>
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<td>Found of Physical Education PE 101</td>
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<td>Rhythmic Skills PE 113</td>
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<td>Fitness Foundations PE 114</td>
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<td>Tumbling Skills PE 115</td>
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<td>Sports Skills PE 117</td>
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### JUNIOR YEAR

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<td>Conditioning Procedures PE 313</td>
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### SENIOR YEAR

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### COURSE OFFERINGS

**PE PHYSICAL EDUCATION**

#### Lower Division

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>PE 100 HEALTH EDUCATION (3-0-3)(F/S)</td>
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<tr>
<td>PE 101 FOUNDATIONS OF PHYSICAL EDUCATION (3-0-3)(F/S)</td>
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<tr>
<td>PE 102 INTRODUCTION TO RECREATION (2-0-2)(F/S)</td>
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<tr>
<td>PE 103 RHYTHMIC SKILLS (0-2-1)(F/S)</td>
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<tr>
<td>PE 104 TUMBLING SKILLS (0-2-1)(F/S)</td>
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<td>PE 105 Introductory Physical Education (1-0-1)(F/S)</td>
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<tr>
<td>PE 106 APPLIED PHYSIOLOGY (3-0-3)(F/S)</td>
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<tr>
<td>PE 107 INTRODUCTION TO PHYSICAL EDUCATION (3-0-3)(F/S)</td>
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<td>PE 108 ADVANCED PHYSIOLOGY (3-0-3)(F/S)</td>
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<td>PE 110 ADVANCED PHYSIOLOGY (3-0-3)(F/S)</td>
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<tr>
<td>PE 115 APPLIED PHYSIOLOGY (3-0-3)(F/S)</td>
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**PE 100 HEALTH EDUCATION**: 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 FOUNDATIONS OF PHYSICAL EDUCATION**: Instruction in exercise physiology, kinesiology, psycho-social aspects and human growth and motor development as related to physical education. Required of all PE majors.

**PE 102 INTRODUCTION TO RECREATION**: Instruction in the growth and development of recreation education and its role in present-day society. Offered odd numbered years.

**PE 113 RHYTHMIC SKILLS**: Professional activity. Instruction and practice in rhythmic skills, locomotor, non-locomotor, and manipulative, emphasizing fundamental and practical application. Required of all PE majors.

**PE 114 FITNESS FOUNDATIONS**: Assessment, prescription and development of an individualized physical fitness program. Designed to improve cardiovascular endurance, strength, flexibility and weight control. Required of all PE majors.

**PE 115 TUMBLING SKILLS**: Professional activities. Instruction and practice in tumbling skills, emphasizing fundamental, skill progressions and practical application. Required of all PE majors.

**PE 117 SPORTS SKILLS**: Professional activities. Instruction and practice in sports skills, emphasizing fundamental, skill progressions and practical application. Required of all PE majors.

**PE 120 TRAINING ROOM PROCEDURES**: Instruction in actual clinical aspects of campus athletic training programs, emphasizing observation and practical application.

**PE 121 STANDARD FIRST AID & CPR**: Instructors in and application of basic skills and the multi-media approach to first aid and CPR training.

**PE 122 ADVANCED FIRST AID & CPR**: Instructors in and application of advanced skills and the multi-media approach to first aid and CPR training.

**PE 123 FIRST AID INSTRUCTOR TRAINER COURSE**: Instruction in methods of teaching CPR and Standard First AID. Offered spring on odd numbered years.
PE 143 VOLLEYBALL (0-2-1)(F/S). Professional activities. Instruction and practice in volleyball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 144 BASKETBALL (0-2-1)(F/S). Professional activity. Instruction and practice in basketball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 145 RECREATIONAL ACTIVITIES (2-0-2)(F). Materials and methods teaching progression in recreational activities for special groups and special situations. Offered in the fall on odd numbered years.

PE 212 TRACK AND FIELD (0-2-1)(F). Professional activities. Instruction in track and field events, emphasizing strategy, conditioning and practical application of exercises.

PE 217 WRESTLING (0-2-1). Professional activities. Instruction and participation in wrestling to develop basic skills and techniques, emphasizing fundamentals, conditioning and practical application.

PE 218 RHYTHMIC GYMNASTICS (0-2-1). Professional activity. Instruction and participation in rhythmic gymnastics for development of basic skills and techniques, emphasizing fundamentals, skill progressions, conditioning and practical application.

PE 230 APPLIED ANATOMY (2-2-3)(F). Investigation of human osteology, myology, anatomy and neurology as they relate to movement. Emphasis is on application of anatomy to principles of simple and complex movement. Required of all PE majors. PREREQ: Z 107 or Z 111-112.

PE 236 INTRODUCTION TO ATHLETIC INJURIES (2-3-3)(F). Introduction to principles of care and prevention of sport induced injury. Emphasis will be on identification and differentiation of minor and major trauma related to sports participation.

PE 250 COACHING BASEBALL (2-0-2)(S). Instruction in methods of coaching baseball with emphasis on fundamentals, strategy, conditioning and practical application. PREREQ: Sophomore standing. Offered in the spring on odd numbered years beginning Spring, 1989.

PE 251 COACHING BASKETBALL (2-0-2)(F). Instruction in methods of coaching basketball with emphasis on fundamentals, strategy, conditioning and practical application. PREREQ: Sophomore standing.

PE 252 COACHING FOOTBALL (2-0-2)(F). Instruction in methods of coaching football with emphasis on fundamentals, strategy, conditioning and practical application. PREREQ: Sophomore standing. Offered upon demand.

PE 257 COACHING TENNIS (2-0-2)(S). Instruction in methods of coaching tennis with emphasis on fundamentals, strategy, conditioning and practical application. PREREQ: Sophomore standing. Offered in spring on even numbered years.

PE 258 COACHING TRACK AND FIELD (2-0-2)(S). Instruction in methods of coaching track and field with emphasis on fundamentals, conditioning, organizing and administration and practical application. PREREQ: Sophomore standing. Offered in spring on even numbered years.

PE 259 COACHING VOLLEYBALL (2-0-2)(F). Instruction in methods of coaching volleyball with emphasis on fundamentals, strategy, conditioning and practical application. PREREQ: Sophomore standing.

PE 260 COACHING WRESTLING (2-0-2)(S). Instruction in methods of coaching wrestling with emphasis on fundamentals, strategy, conditioning and practical application. PREREQ: Sophomore standing. Offered on demand.

PE 282 ADVANCED LIFESAVING (2-0-1)(S). Instruction and participation in lifesaving skills. ARC course, including personal safety, self rescue and rescue training skills. Student must be able to swim 300 yards.

PE 283 WATER SAFETY INSTRUCTOR’S COURSE (1-2-2)(S). Review of courses the student is eligible to teach. Teaching methods and practice teaching. Leads to ARC, WSI certification. Must have ARC advanced lifesaving certificate and ARC swimming level of skill and knowledge. Offered upon demand.

PE 284 MICROCOMPUTERS IN PHYSICAL EDUCATION (3-0-3)(F). An introduction to the use of microcomputers in physical education and allied disciplines. The course includes BASIC programming, selection and evaluation of hardware and software, and unique computer applications for physical educators.

PE 293 INTERNSHIP (1-3 credits)(F/S). Practicum 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.

Upper Division

PE 300 CURRICULUM PROFICIENCY IN PHYSICAL EDUCATION (3-0-3)(F). The planning of school physical education programs, including the selecting, structuring, sequencing, demonstrating and evaluating of content.

PE 303 INTRAMURAL ORGANIZATION (2-0-2)(F). Instruction in organization, administration of intramural activities. Offered in the fall on odd numbered years. PREREQ: Junior standing.

PE 304 INSTRUCTIONAL STYLES FOR TEACHING PHYSICAL EDUCATION (3-0-3)(S). Instruction and participation in the delivery of physical education lessons for school settings including class management, class organization, instructional methodology, observation skills and the evaluation of teaching. PREREQ: PE 300.

PE 306 HUMAN GROWTH AND MOTOR LEARNING (3-0-3)(F/S). Designed to give students a basic understanding of human growth and motor development, motor learning, psychology of learning, instruction and activity. PREREQ: Upper Division standing.

PE 309 EVALUATION IN PHYSICAL EDUCATION (3-0-3)(F/S). Instruction in the physiological and biochemical changes accompanying exercise and training with emphasis on application of scientific principles to training programs, required of all PE majors. PREREQ: Upper Division standing.

PE 311 KINESIOLOGY (2-3-2)(F/S). Anatomical and mechanical considerations applied to human motion in sport and exercise. Required of all PE majors. PREREQ: Junior standing.

PE 313 CONDITIONING PROCEDURES (1-2-2)(F). Instruction in conditioning procedures with emphasis on program planning, objectives, exercise analysis and prescription. PREREQ: Z 107 or Z 111-112.

PE 341 SECONDARY SCHOOL DANCE METHODS (2-0-2)(F). Instruction in methods of teaching social, folk, square, rounds, mixers, and aerobic dance.

PE 357 DANCE FOR CHILDREN (2-0-2)(S). Instruction in the analysis of fundamentals, development of skills and application of methods in teaching dance to children. Offered in spring on odd numbered years.

PE 359 MOTOR PROGRAMMING FOR SPECIAL POPULATIONS (2-0-2)(F). Instruction in motor growth and development, identification, assessment, prescription and methods of implementing fitness programs for special populations. PREREQ: Junior standing. PE 361.

PE 401-401G PSYCHO/SOCIAL ASPECTS OF ACTIVITY (3-0-3)(F/S). The course examines the social aspects of sport including values, politics, social mobility and the economy. Psychological factors related to performance includes personality, motivation and anxiety. PREREQ: Junior standing.

PE 402-402G ADVANCED ATHLETIC TRAINING (3-3-3)(S). Instruction in advanced theory and application of techniques of athletic training for student pursuing a career as professional athletic trainer. PREREQ: PE 236, 311. Offered in spring on odd numbered years.

PE 403 TRAINING ROOM MODALITIES (2-0-2)(F). Instruction in theory and application of various therapeutic modalities for care and treatment of athletic injuries, emphasizing cryotherapy, thermal therapy, and electrical modalities. PREREQ: Junior standing. PE 236, 311. Offered in the fall on even numbered years.

PE 404 FITNESS TESTING (1-2-2)(F). Provides a theoretical and practical background in exercise testing in adult fitness. Course focuses on those objectives related to the American College of Sports Medicine certification for a Health-Fitness Instructor. PREREQ: PE 310.

PE 406 THEORY AND APPLICATION OF THERAPEUTIC EXERCISE (2-2-2)(S). Introduction to the theory and application of physical exercise for the treatment of musculoskeletal disorders in athletics. Topics will include passive, assistive, active and resistive forms of exercise as well as the current therapeutic modalities available. PREREQ: PE 236, 311.

PE 405 CONSUMER HEALTH (2-0-2)(S). Instruction in factors involved in the selection and evaluation of health services and products, emphasizing quackery awareness, consumer protection laws and organizations and health insurance considerations. PREREQ: Junior standing. Offered in the spring on even numbered years.

PE 415 HEALTH PROGRAMS: METHODS AND ADMINISTRATION (3-0-3)(S). Instruction related to issues, trends and current administrative practices in health education. Emphasis placed upon topic sequencing, individual and social health problems and methods of teaching health related topics. PREREQ: Junior standing.

PE 416 HEALTH PROMOTION IN THE WORKSITE (2-0-2)(F). Course is designed to familiarize students with current trends and health promotion strategies taking place in corporate, commercial and public sectors. Emphasis is on health risk factors, quackery avoidance, program implementation, needs assessment, education in prevention and corporate culture. PREREQ: Junior standing.

PE 422 INJURY EVALUATION (2-0-2)(F). Instruction in theory and application of basic passive and functional examination of traumatic conditions resulting from sports participation, emphasizing specific examination techniques.

PE 430 COACHING-NATURE OF THE PROFESSION (2-0-2)(S). Nature of the coaching profession with emphasis on the functions of the coach in the interscholastic athletic program. PREREQ: Junior standing.

PE 433 LEISURE COUNSELING (2-0-2)(S). Instruction in meeting needs of a
College of Education

Lower Division

FA 111 KAYAKING (0-2-1)(F/S). Basic skills of kayaking. Covers safe handling, self-rescue skills and helping or rescuing others. Students must be able to maintain themselves in deep water, fully clothed for ten minutes. Special fee required. (Pass/Fail).

FA 112 SKIN AND SCUBA DIVING I (0-2-1)(F/S). Basic skin and scuba diving skills. Proper use of mask, fins and snorkel, mechanical use of equipment, safety techniques, and panic control are stressed. Students must swim 400 yards, tread water for 15 minutes and carry a ten pound weight 25 yards. Certification is optional. Special fee required. (Pass/Fail).

FA 113 SWIMMING I (0-2-1). Basic water safety, skill 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. (Pass/Fail).

FA 114 RAFTING (0-2-1)(S). Basic skills of rafting. Covers safe handling, self-rescue skills and helping or rescuing others. Students must be able to maintain themselves in deep water, fully clothed for ten minutes. Special fee. (Pass/Fail).

FA 115 AEROBIC SWIMMING (0-2-1)(F). Instruction and participation in water aerobics for the development of cardiovascular and neuromuscular fitness. (Pass/Fail).

FA 116 CANOEING (0-2-1)(F/S). Develop proper stroking/handling techniques and knowledge of river currents. Learn to paddle on lakes, reservoirs and flat rivers or experience the excitement of white water canoeing. Must be able to swim. Special fee. (Pass/Fail).

FA 117 SAILING (0-2-1)(F/S). Learn the basic techniques of sailing. Instruction includes mooring, safety procedures, knot tying, terminology, boat care and navigation. Includes lectures and weekend sailing trip. Special fee. (Pass/Fail).

FA 119 CYCLING (0-2-1)(F/S). Learn proper cycling technique, bicycle mechanics, road safety and tour planning. Special fee. (Pass/Fail).

FA 120 ROCK CLIMBING (0-2-1)(F/S). Learn the challenge of rock climbing. Basic knots, rappelling, belaying and other climbing skills are taught. No experience necessary. Special fee. (Pass/Fail).

FA 121 BALLETT (0-2-1)(Coed). A structured class in the basics of classical dance (Barre) work and technique with historical background stressed. Designed as a tool to help students gain strength and agility. (Pass/Fail).

FA 122 FOLK DANCE I (0-2-1). Instruction and participation in techniques and application of basic steps and patterns used in folk dances from different countries. (Pass/Fail).

FA 123 MODERN DANCE I (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 rhythm, control. (Pass/Fail).

FA 124 SOCIAL DANCE I (0-2-1). Instruction and participation in techniques and techniques of etiquette of social dances. (Pass/Fail).

FA 125 JAZZ DANCE (0-2-1-1)(F/S). Basic fundamentals and techniques of jazz dance. (Pass/Fail).

FA 131 ARCHERY I (0-2-1). Provides the beginning archer students with instruction and participation in fundamental techniques of archery: target, field, clout, bow hunting, novelty, etc. (Pass/Fail).

FA 133 BOWLING (0-2-1). Instruction and participation in bowling for development of fundamental skills, rules, handicaps, and scorekeeping. Special fee required. (Pass/Fail).

FA 134 FENCING I (0-2-1). Instruction and participation in fencing for development of basic skills and techniques. (Pass/Fail).

FA 135 GOLF I (0-2-1). Instruction and participation in golf for development of fundamental skills, rules, and proper etiquette of the game. Special fee required. (Pass/Fail).

FA 136 GYMNASTICS I (0-2-1)(Coed). Instruction and participation in gymnastics for development of fundamental skills and spotting and safety techniques. (Pass/Fail).

FA 141 DEFENSIVE TACTICS I (0-2-1). Defense against one or more persons, arrest, control devices, and individual and group tactics. For criminology majors only. GI required. (Pass/Fail).

FA 142 JUDO I (0-2-1). Principles and philosophy of judo and techniques of falling, throwing, and grappling. GI required. (Pass/Fail).

FA 143 KARATE I (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. GI required. (Pass/Fail).

FA 144 SELF-DEFENSE (0-2-1). Defensive tactics of Aikido, Judo, and Karate. Coordination of mind and body and nonaggressive application of laws of gravity and force. Improvement of coordination and condition of the participant. GI required. (Pass/Fail).

FA 150 WINTER MOUNTAINEERING (0-2-1)(F/S). Course designed to teach a person how to cope with the mountain winter environment in comfort and safety. Includes mountaineering techniques, first aid, snow shelter, avalanche awareness, equipment, map and compass. Students spend the night in self-made shelters and put knowledge to practical application. Special fee. (Pass/Fail).

FA 151 ALPINE SKIING I (0-2-1)(S). Basic skills and techniques of alpine skiing.

more free-time society through fitness, social, artistic, community and learning activities. Offered on demand.

PE 351 ADAPTED PHYSICAL EDUCATION (3-0-3)(S). Survey of common differences and diversities of people, emphasizing analysis of conditions, program development, and teacher responsibility. PREREQ: PE 230, 310.

PE 457 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION (2-0-2)(F/S). Instruction in Organization and Administration of physical education and athletic programs. Emphasis upon the role of physical education and athletics in the total education program. Required of all Physical Education Teaching majors. PREREQ: Junior standing.

PE 461 FACILITIES AND EQUIPMENT (2-0-2). Instruction in physical education and athletic facility and equipment care and planning, emphasizing needs, codes, materials, space requirements, equipment and supply purchase and care and computer programming.

PE 493 INTERNSHIP IN PHYSICAL EDUCATION (1-6 Credits)(F/S). Practical field experience in physical education related areas. Opportunity to apply knowledge and theory learned in classroom to practical setting. Required in some options. PREREQ: permission of instructor.

FA FITNESS ACTIVITY

The Fitness Activity Program provides for beginning, intermediate and advanced levels of instruction in a variety of activities to meet the needs and interests of the student. The courses meet two hours per week for one semester. One credit will be granted for successful completion of the course. Eight credits of fitness activity courses may be counted as electives toward graduation. No fitness activity course may be counted toward graduation but will earn no quality points to be used in calculation of the grade point average. *FA 160 stretch & tone, FA 161 aerobic dance and FA 162 adapted physical education may be repeated for credit.

Fitness activity course numbers provide the following information:

1. The first digit indicates skill level (1, II, III):
   - LEVEL I courses are designed for the beginner who has had little or no instruction in the activity.
   - LEVEL II is for the individual who has command of basic skills and is of intermediate performance level.
   - LEVEL III is for the individual who has command of intermediate skills and is ready for emphasis on advanced game strategies and skills.

2. The second digit indicates the activity classification (1=aquatics, 2=dance, 3=individual sports, 4=martial arts, 5=outdoor pursuits, 6=personal fitness, 7=racquet and court sports, 8=team sports, 9=participation sports).

3. The third digit indicates the specific activity (example: 1-kayaking, 2-skin and scuba diving, etc.)
Students furnish equipment and transportation. Special fee required. (Pass/Fail).

**FA 152** BACKPACKING, CAMPING, AND SURVIVAL SKILLS I (0-2-1). Fundamental skills in backpacking, overnight camping, and basic survival. Includes choice and care of equipment, camping sites, outdoor cooking skills, and ecology. Students furnish equipment and transportation. (Pass/Fail).

**FA 153** CROSS COUNTRY SKIING I (0-2-1)(S). Basic skills and techniques of cross country skiing. Students furnish equipment and transportation. Special fee required. (Pass/Fail).

**FA 154** FLYCASTING AND STREAM STRATEGY I (0-2-1). Techniques of flycasting, 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 furnish equipment and transportation. (Pass/Fail).

**FA 155** FLY TYING I (0-2-1). A practical orientation and application of flytying skills for the beginning or experienced flytier. The course will focus on tying dry and wet flies, nymphs, bucktails, and streamers. Special fee required (Pass/Fail).

**FA 156** TRAP AND SKEE TSHOOTING I (0-2-1). A course in fundamental skills of shotgun shooting. Shooting procedures, gun parts, care of equipment, and safety are stressed. Shotgun trap loading is also taught. Students will furnish shotguns, shells, and trap range fees. (Pass/Fail).

**FA 160** STRETCH AND TONE (0-2-1)(F/S). Instruction and participation in conditioned exercises and stretches for the development of fitness and flexibility. May be repeated for credit. (Pass/Fail).

**FA 161** AEROBIC DANCE (0-2-1). Instruction and participation in aerobic dance for the development of cardiovascular and neuromuscular fitness. May be repeated for credit. (Pass/Fail).

**FA 162** ADAPTED PHYSICAL EDUCATION I (0-2-1). Adaptive and corrective exercise programs to aid men and women who are unable to participate in a regular activity class. Course is individualized to meet the special needs of the individual. The course may be repeated for credit. (Pass/Fail).

**FA 163** JOGGING I (0-2-1). Instruction and participation in beginning endurance running. The student will be pretested and placed in a level suitable to his/her capabilities as to age and condition. Designed to develop and maintain the cardio-respiratory system. (Pass/Fail).

**FA 164** PERSONAL FITNESS AND WEIGHT CONTROL I (0-2-1). Introduction to the essential components of total fitness with prescribed fitness programs for individual needs. (Pass/Fail).

**FA 165** WEIGHT TRAINING I (0-2-1). Instruction and participation in progressive body-building and conditioning exercises with resistance for development of beginning skills and fitness. (Pass/Fail).

**FA 166** YOGA AND STRESS MANAGEMENT I (0-2-1). Introduction to yoga theory, practice, and tradition; introduction to stress/distress theories; in-depth practice of Hatha Yoga postures: in-depth breath control (abdominal breath). (Pass/Fail).

**FA 167** RELAXATION TECHNIQUES (0-2-1)(S). Knowledge and application of the scientific literature regarding the practice of physiological relaxation including autogenics, meditation and tension reduction leading to self mastery. (Pass/Fail).

**FA 171** BADMINTON I (0-2-1). Instruction and participation in badminton to encourage skill development, understanding, and appreciation of the game. (Pass/Fail).

**FA 172** RACQUETBALL I (0-2-1). Instruction and participation will emphasize basic techniques and skills of racquetball with emphasis on playing procedures. (Pass/Fail).

**FA 173** TENNIS I (0-2-1). Instruction and participation in tennis for development of fundamental skills, rules, and basic strategy. (Pass/Fail).

**FA 181** BASKETBALL I (0-2-1). Instruction and participation in basketball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail).

**FA 182** SOFTBALL I (0-2-1). Instruction and participation in softball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail).

**FA 186** VOLLEYBALL I (0-2-1). Instruction and participation in volleyball for development of fundamental skills, rules, and basic team strategy. (Pass/Fail).

**FA 187** SOCCER I (0-2-1)(F). Instruction and participation in soccer for development of fundamental skills, rules and basic team strategy. (Pass/Fail).

**FA 190** CLUB SPORTS I (0-2-1). Instruction and participation in club sports approved by the BSU Student Senate. Club advisor's approval required. (Pass/Fail).

**FA 191** VARSITY SPORTS I (0-2-1). Instruction and participation in BSU Department of Athletics approved sports. Coach's approval required. (Pass/Fail).

**FA 213** SWIMMING II (0-2-1). Instruction and participation in swimming for development of intermediate skills and techniques. Instruction in self-rescue skills, games, dining, and contests. Students must be able to swim 50 yards. (Pass/Fail).

**FA 223** MODERN DANCE II (0-2-1). Instruction and participation in intermediate modern dance for development of flexibility, balance, coordination and movement, control leading to dance choreography and production work. PREREQ: FA 123 (Pass/Fail).

**FA 224** SOCIAL DANCE II (0-2-1). Instruction and participation in social dance for development in the waltz, cha cha, fox trot, rhumba, tango, lindy, western swing, folk, square, and various novelty dances. (Pass/Fail).

**FA 233** BOWLING I (0-2-1). Instruction and participation in bowling for development of intermediate skills and techniques. Special fee required. PREREQ: FA 133 (Pass/Fail).

**FA 235** GOLF I (0-2-1). Instruction and participation in golf for development of intermediate skills and techniques. Special fee required. PREREQ: FA 135. (Pass/Fail).

**FA 236** GYMNASTICS I (0-2-1)(Coed). Instruction and participation in gymnastics for development of intermediate skills and techniques, performing combinations, compulsory and optional routines. PREREQ: FA 136. (Pass/Fail).

**FA 242** JUDO II (0-2-1). Instruction and participation in judo for those seeking advanced degrees. Gi required. PREREQ: FA 142 (Pass/Fail).

**FA 243** KARATE II (0-2-1). Instruction and participation in karate for development of advanced skills and techniques. Gi required. PREREQ: FA 143. (Pass/Fail).

**FA 244** SELF-DEFENSE II (0-2-1). Instruction and participation in advanced defensive tactics of Aikido, Judo, and Karate. Coordination of mind and body and nonaggressive application of laws of gravity and force. Gi required. PREREQ: FA 144. (Pass/Fail).

**FA 265** WEIGHT TRAINING II (0-2-1). Instruction and participation in progressive body-building and conditioning exercise with resistance for development of intermediate skills. PREREQ: FA 163. (Pass/Fail).

**FA 272** RACQUETBALL II (0-2-1). Instruction and participation in racquetball for development of intermediate skills and techniques. Students furnish racquets. PREREQ: FA 172. (Pass/Fail).

**FA 273** TENNIS II (0-2-1). Instruction and participation in tennis for development of intermediate skills and techniques. Students furnish rackets. PREREQ: FA 173. (Pass/Fail).

**FA 281** BASKETBALL II (0-2-1). Instruction and participation in basketball for development of intermediate skills and techniques. PREREQ: FA 181. (Pass/Fail).

**FA 286** VOLLEYBALL II (0-2-1). Instruction and participation in volleyball for development of intermediate skills and techniques. PREREQ: FA 186. (Pass/Fail).

**FA 290** CLUB SPORTS II (0-2-1). Instruction and participation in club sports approved by BSU student Senate. Club advisor's approval required. (Pass/Fail).

**FA 291** VARSITY SPORTS II (0-2-1). Instruction and participation in BSU Department of Athletics approved sports. Coach's approval required. (Pass/Fail).

**Upper Division**

**FA 313** SWIMMING III (0-2-1). Participation in swimming for development of advanced skills and techniques. Instruction in stroke mechanics, training program design, starts, turns, and survival swimming. PREREQ: FA 213. (Pass/Fail).

**FA 365** WEIGHT TRAINING III (0-2-1). Instruction and participation in progressive body-building and conditioning exercises with resistance for development of advanced skills and fitness. PREREQ: FA 265. (Pass/Fail).

**FA 372** RACQUETBALL III (0-2-1). Instruction and participation in racquetball for development of advanced skills and techniques. Emphasis on doubles play and safety. Students furnish racquets. PREREQ: FA 272. (Pass/Fail).

**FA 373** TENNIS III (0-2-1). Instruction and participation in advanced drills, game experience and strategy, and study of the USTA rules and code. Students will furnish their own rackets and balls. PREREQ: FA 273. (Pass/Fail).

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**Department of Psychology**

Education Building, Room 629
Phone (208) 385-1207

Chairman and Professor: John L. Phillips, Jr.; Professors: Barsness, Chastain, Dodson, Ison, Snow, Steger; Associate Professors: Downs, Nelson, Nicholson, Wilkinson; Assistant Professors: Leon, Thumber; Special Lecturer: Stoner.

**Degrees Offered**
- BA and BS in Psychology

**Special Information for Students**

1. The College 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 "elective."

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

2. Psychology is classified as a social science by the university, but not by the State Department of Education. You can apply psychology toward a baccalaureate degree in Social Sciences. (In this catalog see the sections on Economics, History, Political Science, Anthropology, and Sociology.) If you do that, you may be certified to teach the subjects that are classified by the State as "social studies," but you will not be certified to teach psychology unless you also meet the requirements of the Psychology Minor.

3. Any student who is planning a career of counseling in the schools should major either in Elementary Education or in some subject matter area that includes a Secondary Education Option. Psychology courses often are explicitly prescribed parts of such programs; additional courses may be taken as electives.

4. 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.

### Degree Requirements

#### PSYCHOLOGY MAJOR

**Bachelor of Arts or Bachelor of Science Degree**

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<th>Area</th>
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#### Upper Division

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### Course Offerings

#### P PSYCHOLOGY

**Lower Division**

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<td>P 301 Abnormal Psychology</td>
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<td>P 305 Statistical Methods</td>
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<td>P 351 Personality</td>
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#### Social Science, Secondary Education Option Major

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<td>P 101 General Psychology</td>
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<td>P 301 Abnormal Psychology</td>
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### Recommended Program

#### PSYCHOLOGY MAJOR

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<td>2nd</td>
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#### PSYCHOLOGY MINOR

- P 101 General Psychology
- P 301 Abnormal Psychology
- P 351 Personality
- Psychology upper-division electives
- Total 21

#### SOCIAL SCIENCE, SECONDARY EDUCATION OPTION MAJOR

- P 101 General Psychology
- P 301 Abnormal Psychology
- P 351 Personality
- Psychology upper division electives
- Total 15

### Course Offerings

#### P 101 GENERAL PSYCHOLOGY (3-0-3)(F/S)(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.

#### P 141 SECOND WIND (3-0-3)(F)

Course specifically designed for "re-entry" students; women and men 25 years of age or older who are returning to school, or considering a return to school, after having been away for some years. Topics will include career and academic decision making, academic survival skills, making the transition to university life, time management, and stress management. The problems, opportunities, and issues involved in meeting the demands of multiple roles will be considered. Pass/Fail.

#### P 161 ASSERTIVENESS TRAINING (3-0-3)(F/S)

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.

P 201 INTRODUCTION TO PRACTICE OF PSYCHOLOGY (3-0-3)(S). An exposure to psychology as it is actually applied as a 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. PREREQ: 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. PREREQ: P 101, Z 107.

P 251 PSYCHOLOGY OF ADJUSTMENT (3-0-3)(S). The course is designed to help each student develop a more effective approach to reaching educational and personal goals. Theory and techniques related to individual adjustment (goal identification, self-appraisal, stress management, self-control) will be presented along with discussion of interpersonal relationships and communication skills. PREREQ: P 101.

P 261 HUMAN SEXUALITY (3-0-3)(F). An overview of human sexuality emphasizing both psychological and physiological aspects of sexuality. Topics include sexual anatomy and physiology, sexual response cycle, childbirth, contraception, sexual dysfunction, 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). 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 305 STATISTICAL METHODS (3-0-3)(F). Statistical concepts and methods commonly used in the treatment of data in the social sciences. Topics covered will include: measures of central tendency and variability, correlation, probability, and analysis of variance. PREREQ: P 101, High School Algebra.

P 311 CHILD PSYCHOLOGY (3-0-3)(F). 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. PREREQ: P 101.

P 312 ADOLESCENT PSYCHOLOGY (3-0-3)(F). 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. PREREQ: P 101.

P 321 EXPERIMENTAL DESIGN (2-4-3)(F). The application of scientific methodology to the study of behavior. Design of experiments, methods of analysis and interpretation of data; reporting of behavioral research. PREREQ: P 305.

P 322 EXPERIMENTAL RESEARCH (1-4-3)(F). A research topic, along with its theoretical background and relevant empirical findings, will be supplied by the instructor to each student. The student will learn to use the appropriate apparatus, prepare instructions, explanation, and answer sheets, run subjects, analyze results, and write the research report in American Psychological Association style. PREREQ: P 121.

P 325 EDUCATIONAL PSYCHOLOGY (3-0-3)(F). A critical examination of some psychological concepts that have relevance to the process of education. PREREQ: P 101.

P 331 THE PSYCHOLOGY OF HEALTH (3-0-3)(F). Principles that have emerged from the experimental analysis of behavior will be emphasized. The course will include, but are not limited to, operant and classical conditioning. The course will deal with applications of these principles to the understanding and change of phobias, obesity, smoking, alcoholism, aberrant sexual behavior, and similar problems. PREREQ: 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. PREREQ: P 101.

P 343 THE PSYCHOLOGY OF THOUGHT (3-0-3)(F). examines basic processes of attention and information processing, memory and forgetting; concept formation and the representation of knowledge; reasoning; creativity; and computer simulation of these processes. PREREQ: P 101.

P 345 THE PSYCHOLOGY OF LANGUAGE (3-0-3)(S). Examines language structure, types of grammar, problems of meaning, competence versus performance, whether all thinking is verbal, linguistic determinism, and cultural factors in language. PREREQ: 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. PREREQ: P 101.


P 357 PIER 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 developing effective communications and fundamental counseling skills through required student participation in role-playing, audio and especially videotaping and group activities. Limited enrollment. PREREQ: P 101. PASS/FAIL.

P 371 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 policies on cultural change. This course may be taken for psychology or sociology credit but not for both. PREREQ: P 101 or SO 101.

P 401 SENIOR REVIEW PRACTICUM (3-0-3)(F). 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. PREREQ: Senior or 2nd-semester junior standing in psychology with an upper division GPA above 3.0 and PERM/INST.

P 405 ADVANCED STATISTICAL METHODS (3-2-4)(F). 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. Whenever possible computer software programs for personal computers will be used to assist in the learning process. PREREQ: P 305.


P 431 SOCIAL PSYCHOLOGY (3-0-3)(S). The primary focus is the individual; the unit of analysis, the interpersonal behavior event. A study of individual motives, emotions, attitudes, and cognitions with reference to interactions with other human beings. SO 101 is strongly recommended. PREREQ: P 101.


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, rote learning, problem solving, memory, discrimination, and motor skills. PREREQ: P 101 and 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. PREREQ: Senior standing in Psychology.

P 495 SENIOR THESIS (0-3-3)(F). An individual research project in psychology selected by student. Proposal must be approved by instructor before enrollment. Recommended projects are those that relate in some way to the body of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school. PREREQ: P 101 and P 321. Course must be taken in Spring.

P 498 PSYCHOLOGY SEMINAR (1-0-1)(S). Selected topics of special interest to persons planning careers in psychology.

Department of Teacher Education

Education Building, Room 205  
Phone (208) 385-3602

Chairman and Professor: Kenneth L. Hill; Professors: Bieter, Bullington, Dahlberg, Edmundson, Frederick, Friedli, Hart, Hill, Jensen, Kirtland, Lambert, Sadler, Singh, Waite, Young; Associate Professors: French, Jensen, Lyons, Pearson, Suedmeyer; Assistant Professors: Bauwens, Fuhriman, Guerin, Hansen, Herrig; Instructors: Ritchie.

Coordinator of Foreign Languages and Assistant Professor: Jay Fuhriman; Professors: Jocums, Valverde; Associate Professor: Robertson.

Degrees Offered

- Elementary
  - BA in Elementary Education
  - BA Elementary Education, Bilingual-Multicultural

- Secondary
  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.

- Graduate
  - A Master of Arts/Science in Education is offered through the
Department Statement

The Department of Teacher Education at Boise State University exists to improve the 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.

The Department is responsible for planning and conducting the teacher education programs for preparing elementary and secondary teachers. The programs are outlined in accordance with the aims and certification 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.

Department Admission Requirements

Admission to Teacher Education: 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 TE 201, Foundations of Education. 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.

Admission to Teacher Education is required before students may take any upper division courses in Teacher Education. Provisional admission is possible for students who have degrees and are working toward certification only.

General requirements for admission to Teacher Education for elementary and secondary candidates shall be determined and implemented by the Department. These requirements include:

1. Filing of the Admission to Teacher Education.
2. A minimum grade of C in TE 201 Foundations of Education, or its equivalent.
3. Demonstrated 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. Passing grade in basic skills tests administered through the Department.

Any deviations from the preceding policy must be approved by the Chairman of the department.

Admission to Student Teaching: An application for a specific student teaching assignment must be filed with the Office of Field Services, Department of Teacher Education, by

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.

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

- **Elementary Majors**
  1. Admission to Teacher Education.
  2. Recommendation by the faculty advisor.
  3. A cumulative grade point average of 2.50.
  4. Elementary Curriculum and Methods, TE 451, 452, taken concurrently with or prior to student teaching.
  5. Student teaching to be completed during 2 consecutive semesters.
  7. A minimum of "C" in all required courses.

- **Secondary Options**
  1. Admission to Teacher Education.
  2. Completion of an Early School Experience.
  3. Recommendation by the faculty advisor or the Department chairman.
  4. A minimum grade point average of 2.50 in the major field, minor field if applicable, and the Education courses completed.
  5. A minimum cumulative grade point average of 2.50.
  6. Minimum grade of C in TE 381, Secondary School Methods, and the appropriate course or courses in Special Methods for the teaching area.
  7. Senior standing.
  8. Sufficient credit hours in the assigned teaching area.

NOTE: Deviations from the above requirements must be approved by the department chairman.

Special Information for Students

1. Students who transfer to Boise State University must meet requirements for admission to Teacher Education and Student Teaching, and complete at least 6 semester hours at the University before being placed in Student Teaching.

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

3. Any student may be dismissed from a program leading to certification if he or she is found guilty of any offense which would be grounds for revocation or denial of an Idaho teaching certificate, including conviction in a court of law of an offense other than a minor traffic violation. Questions regarding this section should be addressed either to the Coordinator of Field Experiences (Education Building, Room 305) or the Dean of the College of Education (Education Building, Room 705).

4. Student Teaching can only be taken once (refer to PART II of this Catalog: ACADEMIC INFORMATION—Academic Regulations.)

Services for Students

Placement: A teacher Placement Service is provided by the Boise State University Career Planning and Placement 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 specific problems in reading.

Faculty members, public school teachers and parents may seek assistance from the Reading Education Center for students who need diagnosis followed by planned instruction for improvement.

Degree Requirements

**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 Department of Teacher Education consisting of general and professional Education courses.
College of Education

1. General University Requirements for BA Degree
   a. English
      Composition E 101-102 .................................. 3-6
      NOTE: E 101 may be exempt
   b. Area I
      Requirements ........................................... 12
      Literature (to include E 271 or 272) .................. 6
      Second Field Elective (Must be Area II or Music. See core requirements) ......... 3
      Third Field Elective (see Core requirements) ............ 3
      NOTE: Choose Third Field Electives from Art, Humanities, Music, Philosophy, Theatre Arts and Foreign Language (201 level or higher).
   c. Area II
      Requirements ............................................. 18
      U.S. History (HY 151 or 152 suggested) ............. 3
      Geography (GC 101 or GC 102) ............................. 3
      Psychology (P 101) ......................................... 3
      Oral Communication (CM 311 suggested) ............. 3
      Area II Soc Sci (SO 230 or AN 102) .................. 3
      Area II Elective (Econ or Polit Sci) ............... 3
   d. Area III
      Electives: Art or Music .............................. 3
      Total Hours in Language Component 33

2. Professional Education Requirements
   a. Intro to Teaching I TE 171 ................................. 1
   b. Math for Elementary Teachers M 103-104........... 8
   c. General Psychology (Area II) P 101 .................... 3
   d. Elementary Education majors must have courses in both Biological and Physical Sciences.
   e. Foundations of Education TE 201 ...................... 3
   f. Introduction to Microcomputer in Classroom TE 208 .... 3
   g. Teaching Beginning Developmental Reading K-3 TE 305 .... 3
   h. Education of the Exceptional Child TE 291 ............ 3
   i. Teaching Developmental & Content Reading 4-6 TE 306 .... 3
   j. Music Methods for the Elem School Teacher MU 371 .... 3
   k. Elementary School Art Methods AR 321 .............. 3
   l. Elementary School P.E. Methods PE 361 ............ 3
   m. Children's Literature TE 316 ............................... 3
      Educational Psychology P 325 ............................ 3
      Child Psychology P 311 .................................... 3
      Elem Curriculum & Methods I TE 451 ............... 3
      Elem Curriculum & Methods II TE 452 ............... 3
      Classroom Management Skills TE 457 ............... 3
      Elem Student Teaching TE 471 ............................ 5
      Elem Student Teaching TE 472 OR ...................... 5
      Student Teaching in Special Educ TE 473 ............. 5
   n. Total 14 Semester Hours

   ELEMENTARY BILINGUAL/MULTICULTURAL MAJOR

   Bachelor of Arts Degree

   NOTE: Completion of this degree as outlined in this catalog qualifies the student to receive a Standard Elementary Teacher's Certificate from the State of Idaho, thus enabling him/her to teach in a regular or Bilingual elementary classroom.

   LANGUAGE COMPONENT

   Spanish Section
   Intermediate Spanish (Area II) S 201 .................... 4
   Intermediate Spanish (Area II) S 202 .................... 4
   Advanced Spanish S 303 .................................. 3
   Advanced Spanish S 304 .................................. 3
   Total 14 Semester Hours

   English As a Second Language (ESL) Section
   Foundations of Teaching English as a 2nd Language TE 302 .......... 2
   Identification & Diagnosis of LEP Students TE 322 .......... 2
   Methods of Teaching English as a 2nd Language TE 456 .......... 3
   Introduction to Language Study LI 305 ................. 3
   Applied Linguistics in Teaching ESL 2nd Lang LI 407 .... 3
   Total
   English Section
   English Composition E 101 .................................. 3
   English Composition E 102 .................................. 3
   Total 6 Semester Hours
   Total Hours in Language Component 33

   MULTICULTURAL COMPONENT

   Survey of American Lit (Area II) E 271 or 272 .............. 3
   Intro to Multi-Ethnic Studies (Area II) SO 230 ............. 3
   United States History (Area II) HY 151 or 152 .......... 3
   Cultural Anthropology (Area II) AN 102 .................. 3
   Mexican American Trad & Culture in Elem Class TE 278 .... 3
   Total 14 Semester Hours

   SCIENCE COMPONENT

   Math for Elementary Teachers M 103 ....................... 4
   Math for Elementary Teachers M 104 ....................... 4
   Concepts of Biology (Area III) B 100 ........................ 3
   Electives (Choose 2 from Area III) ............................ 8

   Total 20 Semester Hours

   PROFESSIONAL COMPONENT

   General Education Section
   Elementary School Art Methods AR 321 .............. 3
   Music Meth for Elem School Teacher MU 371 ............ 2
   General Psychology (Area II) P 101 .................... 3
   Child Psychology P 311 .................................... 3
   Elem School P.E. Methods PE 361 ..................... 3
   Total 14 Semester Hours

   Teacher Education Section
   Intro to Teach I: Class Observation TE 171 ............ 1
   Foundations of Education (Area II) TE 201 ............ 3
   Intro to Teach II: Instruc Experience TE 271 ............ 3
   Teaching Beginning Developmental Reading K-3 TE 305 .... 3
   Teaching Developmental & Content Reading 4-6 TE 306 .... 3
   Children's Literature TE 316 ......................... 3
   Elementary Curric & Methods TE 451 .................... 6
   Elementary Curric & Methods TE 452 .................... 6
   Teaching Read & Lang Arts in Biling Class TE 453 .... 2
   Student Teaching in Elem Class TE 474-475 ........... 10
   Total 38 Semester Hours
   Total Professional Component 52

   ELECTIVES

   Because of the need to prepare future teachers to teach in both bilingual and non-bilingual classrooms, it is recommended that elective classes be chosen from the following list:
   - AN 311 Peoples and Cultures of the World
   - AN 315 Indian People of Idaho
   - CM 351 Intercultural Communications
   - E 213 Afro-American Literature
   - E 219 North American Indian Folklore
   - E 384 Literature of the American West
   - HY 361 History of Minorities in the U.S.
   - HY 365 Indians in American History
   - HY 365 History of Mexico
   - P 325 Educational Psychology
   - PO 101 American National Government
   - S 203 Spanish for the Native Speaker
   - S 385 La Gente Mexico Americana en los Estados Unidos
   - S 425 Mexican American Literature
   - SO 297 Sociological Processes of Mexican American People
   - TE 208 Introduction to Microcomputers in Education
   - TE 291 Education of the Exceptional Child
   - TE 358 Corrective Reading
   - TE 371 Techniques of Student Motivation & Class Management

   BILINGUAL TEACHER TRAINING TOTAL HOURS ............ 130

   Recommended Programs

   ELEMENTARY EDUCATION MAJOR

   FRESHMAN YEAR
   English Composition E 101-102 .................................. 6
   Concepts of Biology (Area III) B 100 .......................... 6
   Physical Science (Area III) PS 100 ........................... 3
   Intro to Teaching I Class Observation TE 171 ............ 1
   General Psychology P 101 ....................................... 3
   Area I Electives: Art or Music ................................. 3
   Area I Third Field Elective ................................. 3
   Social Science: U.S. History AREA II ....................... 3
   Area II, Geography GG 101 or 102 .......................... 3
   Area II, Economics or Political Science .................. 3
   Total 33 Semester Hours

   SOPHOMORE YEAR
   Music Fundamentals MU 101 .................................. 2
   Foundations of Education TE 201 ............................ 3
   Intro to Teaching II: Instruc Experience TE 271 .......... 3
   Elementary Mathematics for Teachers M 103 ............ 4
   Total 14 Semester Hours
   Total 47 Semester Hours

   Total 80 Semester Hours

   MINIMUM TOTAL CREDITS 180
### College of Education

#### Electives ........................................... 6

**Total 30**

#### ELEMENTARY BILINGUAL/MULTICULTURAL MAJOR

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Elective Area I ..........................</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Spanish S 203 ............</td>
<td>4</td>
</tr>
<tr>
<td>Intermediate Spanish S 202 ............</td>
<td>4</td>
</tr>
<tr>
<td>General Psychology P 101 ..............</td>
<td>3</td>
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<tr>
<td>English Composition E 101-102 ..........</td>
<td>6</td>
</tr>
<tr>
<td>Intro to Teaching I: Class Observation TE 171</td>
<td>1</td>
</tr>
<tr>
<td>Math for Elementary Teachers M 103 ....</td>
<td>4</td>
</tr>
<tr>
<td>Concepts of Biology B 100 ..............</td>
<td>4</td>
</tr>
<tr>
<td>Cultural Anthropology AN 102 ...........</td>
<td>3</td>
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<td><strong>Total</strong> 32</td>
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**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>Elective ...........................................</td>
<td>4</td>
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<tr>
<td>Math for Elementary Teachers M 104 ......</td>
<td>4</td>
</tr>
<tr>
<td>Survey of American Literature E 271 or E 272</td>
<td>3</td>
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<tr>
<td>Foundations of Education TE 201 ..........</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Teaching II: Instruc Exper TE 271</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Spanish S 303-304 .............</td>
<td>6</td>
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<tr>
<td>Elective (Area III) ...........................</td>
<td>4</td>
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<tr>
<td>United States History HY 151 or 152 ....</td>
<td>3</td>
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<tr>
<td>Found of Teach English as 2nd Lang TE 202</td>
<td>2</td>
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<tr>
<td>Mex-Amer Tradition &amp; Culture in Elem Class TE 278</td>
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**JUNIOR YEAR**

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<tr>
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<tr>
<td>Elementary School Art Methods AR 321 ....</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Language Study LI 305 .....</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Beginning Developmental Reading K-3 TE 305</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Developmental &amp; Content Reading 4-6 TE 306</td>
<td>4</td>
</tr>
<tr>
<td>Music Methods for Elem Teacher MU 371 ......</td>
<td>2</td>
</tr>
<tr>
<td>Elective (Area III) ...........................</td>
<td>4</td>
</tr>
<tr>
<td>Child Psychology P 311 ......................</td>
<td>3</td>
</tr>
<tr>
<td>Children's Literature TE 316 .............</td>
<td>3</td>
</tr>
<tr>
<td>Identif &amp; Diagnos of LEP Child TE 322 ......</td>
<td>2</td>
</tr>
<tr>
<td>Elem School Physical Education PE 361 ......</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Multi-Ethnic Studies SO 230 ......</td>
<td>3</td>
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<tr>
<td><strong>Total</strong> 34</td>
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**SENIOR YEAR**

<table>
<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>Elective ...........................................</td>
<td>3</td>
</tr>
<tr>
<td>Applied Linguistics in Teach ESL LI 407 ......</td>
<td>3</td>
</tr>
<tr>
<td>Methods of Teaching ESL TE 456 .............</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Curriculum &amp; Methods TE 457 ......</td>
<td>6</td>
</tr>
<tr>
<td>Student Teaching in Biling Elem Class TE 474-475 ...</td>
<td>10</td>
</tr>
<tr>
<td>Elementary Curriculum &amp; Methods TE 452 ......</td>
<td>6</td>
</tr>
<tr>
<td>Teaching Read &amp; Lang Arts in Biling Class TE 453</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong> 33</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 130

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### Areas of Emphasis

Students majoring in Elementary Education are strongly advised to select an Area of Emphasis, which will strengthen them as teachers and, therefore, improve their opportunities for employment. Courses taken for the Area of Emphasis may also count as courses required for general university requirements and for those in the Elementary Education major.

**SPECIAL EDUCATION, Elementary Emphasis:** Students desiring to teach the handicapped may enroll in one of the following programs and upon successful completion may be recommended for Idaho certification. This program has been designed so students may pursue a dual emphasis leading to certification as a special educator and also in elementary or secondary education. In order to avoid conflicts, students should begin planning early in their program with their advisors and if necessary a member of the special education faculty. Several courses in the required program are applicable to both the special education and the elementary emphasis. All students seeking certification in special education must complete the initial program for the Generalist endorsement prior to seeking the Severely Handicapped endorsement. A minimum of 30 credit hours in special education is required to meet the standards for the Idaho Exceptional Child certificate.

**GENERALIST—Educationally Handicapped:** Upon completion of this program a student will be recommended for certification as a teacher for the mildly and moderately handicapped. Emphasis will be upon the training of the resource teacher working with the learning dis-
College of Education

able, mentally retarded, and emotionally handicapped.

**REQUIRED COURSES (30 Credit Hours)**

| Education of the Exceptional Child TE 291 | 3 |
| Technology in Special Education TE 340 | 2 |
| Teaching in Special Education TE 334 | 2 |
| Teaching Mildly Handicapped Adolescents TE 335 | 3 |
| Diagnosis of the Handicapped TE 430 | 3 |
| Teaching Reading and Written Expression to the Handicapped TE 451 | 3 |
| Teaching Math and Language to the Handicapped TE 432 | 3 |
| Behavior Intervention Techniques TE 450 | 3 |
| Classroom Management Skills TE 457 | 2 |
| Elementary Student Teaching in Special Education TE 473 | 5 |

**Total** 30

**SEVERELY HANDICAPPED - Mentally Retarded** A student desiring to certify in the area of the severely handicapped shall in addition to completion of the above requirements, complete a minimum of the following courses.

| Teaching the Severely Handicapped TE 423 | 3 |
| Student Teaching in Classes for the Severely Handicapped TE 476 | 5 |

**NOTE:** In order for a student to complete all of the course work it is possible that an extra semester may be required. There are many electives available to strengthen the basic requirements. The student should seek advisement from the special education faculty early to establish a program.

**EARLY CHILDHOOD Emphasis**

<table>
<thead>
<tr>
<th>Required 16 credits:</th>
<th>Area Credits</th>
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<tbody>
<tr>
<td>Child Behavior &amp; Management in Early Childhood Education TE 361</td>
<td>3</td>
</tr>
<tr>
<td>Curriculum in Early Childhood Education TE 362</td>
<td>3</td>
</tr>
<tr>
<td>Internship in Early Childhood Education TE 293/493</td>
<td>2</td>
</tr>
<tr>
<td>Creating Materials in Early Childhood Education TE 465</td>
<td>3</td>
</tr>
<tr>
<td>Student Teaching Kindergarten TE 472</td>
<td>5</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Electives 3 credits:</th>
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</thead>
<tbody>
<tr>
<td>Infant Education TE 463G</td>
</tr>
<tr>
<td>Diagnosis of the Handicapped TE 430</td>
</tr>
<tr>
<td>Children's Theatre TA 287</td>
</tr>
<tr>
<td>Human Growth and Motor Development PE 205</td>
</tr>
</tbody>
</table>

**NOTE:** This emphasis requires 21 credit hours, 5 of which (TE 361 and 472) apply to Elementary Education major.

Students will be recommended for the Kindergarten endorsement on their elementary teaching certificate if they complete the Early Childhood Area of Emphasis.

**Total** 30

**READING Emphasis**

<table>
<thead>
<tr>
<th>Required 17 credits:</th>
<th>Area Credits</th>
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</thead>
<tbody>
<tr>
<td>Reading and Study Skills TE 108</td>
<td>2</td>
</tr>
<tr>
<td>Teaching Beginning Developmental Reading K-3 TE 305</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Developmental &amp; Content Reading 4-6 TE 306</td>
<td>3</td>
</tr>
<tr>
<td>Children's Literature TE 316</td>
<td>3</td>
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<tr>
<td>Corrective Reading TE 358</td>
<td>3</td>
</tr>
<tr>
<td>Internship in Reading TE 493</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>Electives 3 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature for Young Adults TE 341</td>
</tr>
<tr>
<td>Literacy for Use in Jr &amp; Sr High School E 481</td>
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</tbody>
</table>

**NOTE:** This emphasis requires 20 credits, 9 of which (TE 305, 306 & 316) apply to Elementary Education major.

**Total** 20

**ART Emphasis**

<table>
<thead>
<tr>
<th>Required 18-22 credits:</th>
<th>Area Credits</th>
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<tbody>
<tr>
<td>Introduction to Art AR 103</td>
<td>1</td>
</tr>
<tr>
<td>Basic Design AR 105, 106</td>
<td>1</td>
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<tr>
<td>Drawing AR 111</td>
<td>6</td>
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<tr>
<td>Painting AR 113</td>
<td>2</td>
</tr>
<tr>
<td>Painting-Watercolor AR 217</td>
<td>2</td>
</tr>
<tr>
<td>Ceramics AR 225</td>
<td>2</td>
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<tr>
<td>Crafts AR 123</td>
<td>2</td>
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<tr>
<td>Elementary School Art Methods AR 321</td>
<td>3</td>
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</tbody>
</table>

**NOTE:** This emphasis requires 22 credit hours, 6 of which may apply to Area I and 3 of which apply to the elementary education major.

**Total** 22

**BILINGUAL Emphasis**

<table>
<thead>
<tr>
<th>Required 18-22 credits:</th>
<th>Area Credits</th>
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</thead>
<tbody>
<tr>
<td>Mexican American Tradition &amp; Culture TE 278</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of English as a 2nd Lang TE 202</td>
<td>2</td>
</tr>
<tr>
<td>ESL Identification Test &amp; Placement TE 322</td>
<td>3</td>
</tr>
<tr>
<td>Bilingual Methods TE 454</td>
<td>3</td>
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</table>

**METHODS Emphasis**

<table>
<thead>
<tr>
<th>Required 17 credits:</th>
<th>Area Credits</th>
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<tbody>
<tr>
<td>Elementary Teacher Certification TE 361</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Mathematics and Language to the Handicapped TE 432</td>
<td>3</td>
</tr>
<tr>
<td>Behavior Intervention Techniques TE 450</td>
<td>3</td>
</tr>
<tr>
<td>Classroom Management Skills TE 457</td>
<td>2</td>
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<table>
<thead>
<tr>
<th>Electives 5 credits:</th>
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<tbody>
<tr>
<td>Infant Education TE 463G</td>
</tr>
<tr>
<td>Diagnosis of the Handicapped TE 430</td>
</tr>
<tr>
<td>Children's Theatre TA 287</td>
</tr>
<tr>
<td>Human Growth and Motor Development PE 205</td>
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</table>

**NOTE:** This emphasis requires 21 credit hours, 5 of which (TE 361 and 472) apply to Elementary Education major.

**Total** 30

**FRENCH Emphasis**

<table>
<thead>
<tr>
<th>Required 19 credits:</th>
<th>Area Credits</th>
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<tbody>
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<td>8</td>
</tr>
<tr>
<td>Intermediate French F 201-202</td>
<td>1</td>
</tr>
<tr>
<td>Teaching Methodology in the Foreign Language FL 412</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives 3 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced French F 303</td>
</tr>
<tr>
<td>Advanced French F 304</td>
</tr>
<tr>
<td>La Civilization Francophone Moderne F 377</td>
</tr>
</tbody>
</table>

**NOTE:** This emphasis requires 22 credit hours, 8 of which may also apply to Area I.

**Total** 22

**GERMAN Emphasis**

<table>
<thead>
<tr>
<th>Required 19 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary German G 101-102</td>
<td>8</td>
</tr>
<tr>
<td>Intermediate German G 201-202</td>
<td>1</td>
</tr>
<tr>
<td>Teaching Methodology in the Foreign Language FL 412</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives 3 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced German G 303</td>
</tr>
<tr>
<td>Advanced German G 304</td>
</tr>
<tr>
<td>German Culture and Civilization G 377</td>
</tr>
</tbody>
</table>

**NOTE:** This emphasis requires 22 credit hours, 8 of which may also apply to Area I.

**Total** 22

**HEALTH Emphasis**

<table>
<thead>
<tr>
<th>Required 15 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Education PE 100</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition H 207</td>
<td>3</td>
</tr>
<tr>
<td>Concepts of Human Anatomy and Physiology Z 107</td>
<td>4</td>
</tr>
<tr>
<td>Health Programs: Meth &amp; Adm PE 415</td>
<td>3</td>
</tr>
<tr>
<td>Human Growth and Development PE 306</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives 6 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Sexuality P 261</td>
</tr>
<tr>
<td>Drugs: Use and Abuse H 109</td>
</tr>
<tr>
<td>Man and the Environment B 200</td>
</tr>
<tr>
<td>Disease Control I H 211</td>
</tr>
<tr>
<td>Abnormal Psychology P 301</td>
</tr>
</tbody>
</table>

**NOTE:** This emphasis requires 21 credit hours.

**Total** 21

**LANGUAGE ARTS Emphasis**

<table>
<thead>
<tr>
<th>Required 21 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey of American Literature E 271 or 272</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Literature E 131</td>
<td>3</td>
</tr>
<tr>
<td>Grammar and Usage Use for Teachers TE 216</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech Communication CM 111</td>
<td>3</td>
</tr>
<tr>
<td>Speech Communication for Teachers CM 311</td>
<td>3</td>
</tr>
<tr>
<td>Children's Literature TE 316</td>
<td>3</td>
</tr>
<tr>
<td>Teaching English Composition E 301</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Language Studies LI 305</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total** 24

**MATHEMATICS Emphasis**

<table>
<thead>
<tr>
<th>Required 21 or 22 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elem Math for Teachers M 103 and 104</td>
<td>8</td>
</tr>
<tr>
<td>Math for Liberal Arts Students M 100</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Algebra M 108</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives 3 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mythology E 217</td>
</tr>
<tr>
<td>North American Indian Folklore &amp; Literature E 219</td>
</tr>
<tr>
<td>Children's Theatre TA 287</td>
</tr>
<tr>
<td>Literature for Young Adults TE 341</td>
</tr>
</tbody>
</table>

**NOTE:** This emphasis requires 24 credit hours, 6 of which may apply to Area I and 6 of which (CM 111 or CM 311 and TE 316) may apply to Elementary Education major.

**Total** 24

<table>
<thead>
<tr>
<th>Electives 3 credits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra and Trigonometry M 111</td>
</tr>
<tr>
<td>A First Course in Programming CS 122</td>
</tr>
<tr>
<td>Intro to Computers CS 105</td>
</tr>
</tbody>
</table>

**NOTE:** This emphasis requires 21 to 22 hours (depending upon whether M 108 or M 111

**Total** 25
### MUSIC Emphasis

Required 14 credits:

- Intro to Music MU 133 .......... Area Credits I
- Element of Music MU 115 ........ Area Credits I
- Teach Music in Elem Classroom MU 372 . Area Credits II

Total 21-22

### PHYSICAL EDUCATION Emphasis

Required 12 Credits:

- Rhythmic Skills PE 113 ........ Area Credits I
- Tumbling Skills PE 115 ........ Area Credits I
- Sports Skills PE 117 ........ Area Credits I
- Human Growth & Motor Learning PE 307 Area Credits II
- Dance for Children PE 357 .......... Area Credits II
- Elem School P.E. Methods PE 361 Area Credits III
- Motor Prog for Special Populations PE 369 Area Credits III

Electives 6 credits:

- Piano or Guitar Lessons ........ Area Credits II
- Music Ensemble (one year) .......... Area Credits II
- Basic Conducting MU 261 .......... Area Credits II

Total 20

### SCIENCE Emphasis

Required 16 credits:

- Concepts of Biology B-100 Area Credits III
- Foundations of Physical Science PS 100 Area Credits III
- Intro to Descriptive Astronomy PH 105 Area Credits III
- Fundamentals of Geology GO 100 Area Credits III

Electives 4 credits:

- Concepts of Human Anat & Phys Z 107 Area Credits II
- Applied Anatomy PE 230 Area Credits II
- Exercise Physiology PE 310 Area Credits II
- Health Programs: Meth & Adm PE 415 Area Credits II
- Adaptive Physical Education PE 451 Area Credits II
- Volleyball PE 143 Area Credits II
- Basketball PE 144 Area Credits II
- Wrestling PE 217 Area Credits II
- Coaching Methods PE Area Credits II
- Internship in Elem P.E. PE 493 Area Credits II

Total 20

### SOCIAL STUDIES Emphasis

Required 24 credits:

- United States History HY 151-152 Area Credits II
- History of Western Civilization HY 201-202 Area Credits II
- Intro to Multi-Ethnic Studies SO 230 Area Credits II
- Cultural Anthropology AN 102 Area Credits II
- Contemporary Economic Problems EC 210 Area Credits II
- American National Government PO 101 Area Credits II

NOTE: This emphasis requires 24 credit hours, 12 of which may apply to Area II.

Total 20

### SPANISH Emphasis

Required 19 credits:

- Elementary Spanish S 101-102 Area Credits IV
- Intermediate Spanish S 201-202 Area Credits IV
- Teaching Methodology in Forn Lang FL 412 Area Credits IV

Electives 3 credits:

- Advanced Spanish S 303 Area Credits IV
- Advanced Spanish S 304 Area Credits IV

Total 24

### MIDDLE SCHOOL Emphasis

- MIDDLE SCHOOL/ART ELEMENTARY EMphasis
- MIDDLE SCHOOL/BILINGUAL ELEMENTARY EMphasis
- MIDDLE SCHOOL/FRENCH ELEMENTARY EMphasis
- MIDDLE SCHOOL/GERMAN ELEMENTARY EMphasis
- MIDDLE SCHOOL/HEALTH ELEMENTARY EMphasis
- MIDDLE SCHOOL/LANGUAGE ARTS ELEMENTARY EMphasis
- MIDDLE SCHOOL/MATHEMATICS ELEMENTARY EMphasis
- MIDDLE SCHOOL/PHYSICAL EDUCATION ELEMENTARY
- MIDDLE SCHOOL/SCIENCE ELEMENTARY EMphasis
- MIDDLE SCHOOL/SOCIAL STUDIES ELEMENTARY EMphasis
- MIDDLE SCHOOL/SPANISH ELEMENTARY EMphasis

NOTE: Stars the emphasis will lead to an endorsement on the elementary teaching certificate enabling the candidate to teach the specific subject matter in secondary schools.

Middle School emphasis, except for French, German, and Spanish, require 4 additional credit hours beyond the emphasis without the "Middle School" prefix, as explained below:

- 3 additional credits by taking TE 482 Jr. High Student Teaching (8 CR) in lieu of TE 472 Elementary Student Teaching (5 CR).
- 3 additional credits by taking TE 381 Secondary School Methods, or 3 credits in special secondary methods.

French, German, and Spanish require only 3 additional credits since the special methods class, FL 412 Teaching Methodology in Foreign Language, is required in the emphasis.

### 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 or Bachelor of Arts in Bilingual Multicultural Education.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education.
3. A recommendation by the Dean of the College of Education indicating that the candidate has the approval of the Department of Teacher Education. Such approval is to be based primarily on evidence of subject area specialization and the Department of Teacher Education. 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 a specialized program determined by the Department of Teacher Education.

### Certification Requirements and Endorsements for Secondary Education


Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of a Bachelor's degree including education requirements.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education.
3. A recommendation by the Dean of the College of Education indicating that the candidate has the approval of the Department of Teacher Education. 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.

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...
College of Education

following requirement:

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:

<table>
<thead>
<tr>
<th>Alternatives</th>
<th>Single</th>
<th>Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Secondary Teaching: Classroom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obs. TE 172</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Educating Exceptional Secondary Students TE 333</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Educational Technology TE 356</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Reading in Content Subjects TE 407</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology PS 325</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Secondary School Methods TE 381</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Special Methods required by Major Dept (varies by major)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jr High Student Teaching Composite TE 482</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Sr High Student Teaching Composite TE 483</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Jr High Student Teaching: Single Option TE 484</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Sr High Student Teaching: Single Option TE 485</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total (not including special methods)</td>
<td>26</td>
<td>32</td>
</tr>
</tbody>
</table>

*These courses required only if content is not included in requirements of majors.

Secondary Student Teaching

An Idaho Standard Secondary Certificate allows the holder to teach in grades 7 through 12. Both the Single and Composite alternatives lead to the same certificate.

Students choosing the Single alternative may select either junior or senior high school for their student teaching. Normally, the request can be granted and the student teacher will usually teach only in her/his major fields. Students selecting the Composite alternative will be placed in a junior high school for approximately 8 weeks and a senior high school for the remaining weeks. Normally, students will teach in their major fields in one experience and their minor fields in the other.

Students may complete the student teaching experience in either the spring or fall semester and should work closely with their advisors and members of the secondary faculty in the Department of Teacher Education.

Student teaching is scheduled through the Office of the Coordinator of Field Services in the Department of teacher Education. See Admission to Student Teaching, above.

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. Students who do not have an endorsement in a minor area must have at least 45 credit hours in their major.

The major certification endorsements (Secondary Option degree programs) are described in the Catalog under each department. A listing of the Secondary Options follows:

- Anthropology, Social Science, Secondary Education Option
- Anthropology, Non-Social Science Major
- Art
- Biology
- Chemistry
- Communication
- Earth Science
- Economics, Social Science, Secondary Education Option
- English
- Foreign Language: French-German-Spanish
- Geography
- General Science
- Health Education
- History
- History-Social Science, Secondary Education Option
- Mathematics
- Music
- Physical Education
- Physics
- Political Science, Social Science, Secondary Education Option
- Psychology
- Sociology, Social Science, Secondary Education Option
- Theatre Arts

A listing of the Boise State University minor certification endorsements is included for the convenience of students:

NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours.

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 101
- Cultural Anthropology for Teachers CM 311
- Additional upper division Anthropology

Non-Social Science Major
- Physical Anthropology AN 101
- Cultural Anthropology AN 102
- Introduction to Archeology AN 103
- Peoples and Cultures of the World AN 311
- Additional upper division Anthropology

ART
- Introduction to Art AR 103
- Basic Design AR 105-106
- Drawing AR 111, 112
- Painting AR 113, 114
- 2 hours from Sculpt, Metals, Ceramics, Methods in Craft
- Electives from 100-400 Regular Courses
- Suggested Electives: Art History, Lettering, Photography, Printmaking, Weaving and those listed above

BIOLOGY
- General Botany BT 130 & Gen Zool Z 130
- Concepts of Anatomy and Physiology Z 107
- Genetics, Lab B 343, 344 OR Vertebrate Nat Hist Z 355

CHEMISTRY
- 100 level General Chemistry Courses
- Organic Chemistry Courses
- Additional Courses in Analytical, Physical, Inorganic or Biochemistry

COMMUNICATION (Speech)
- Fundamentals of Speech CM 111
- Reasoned Discourse CM 112
- Interpersonal Communication CM 221
- Methods of Teaching Communication CM 401
- Electives selected from:
  - Mass Communication CM 171
  - Oral Interpretation CM 241
  - Communication in the Small Group CM 251
  - Interviewing CM 307
  - Message Analysis and Criticism CM 331
  - Non-Verbal Communication CM 341
  - Intercultural Communication CM 351

EARTH SCIENCE
- Physical Geology GO 101
- Historical Geology GO 103
- Introduction to Ocean Geology GO 201
- Introduction to Meteorology GO 213
- Introduction to Descriptive Astronomy PH 105
- Electives selected from:
  - Geology of Idaho & Pacific NW GO 213

Mineralogy GO 221
### Geographies

- Geomorphology GO 313: 3
- Invertebrate Paleontology GO 351: 3
- Physics of the Earth GP 325: 3

Total: 21

### ECONOMICS

- Principles of Macroeconomics EC 201: 3
- Principles of Microeconomics EC 202: 3
- Intermediate Microeconomics EC 303: 3
- Intermediate Macroeconomics EC 305: 3
- Upper Division Economics Courses: 9

Total: 21

### ENGLISH

- Advanced Composition E 201: 3
- Linguistics: 3
- Survey of American Literature E 271 or 272: 3
- Teaching English Composition E 301 OR: 3
- Methods of Teaching Secondary School English E 381: 3
- Upper Division Literature: 6
- Successful completion of secondary writing proficiency: 0

Total: 24

### FOREIGN LANGUAGE

#### French

- Required 19 Credits: Area Credits
  - Elementary French F 101-102: 8
  - Intermediate French F 201-202: 8
  - Teaching Methodology in For Lang FL 412: 3
  - Electives: 3

Total: 22

#### German

- Required 19 credits: Area Credits
  - Elementary German G 101-102: 8
  - Intermediate German G 201-202: 8
  - Teaching Methodology in For Lang FL 412: 3
  - Electives: 3

Total: 22

#### Spanish

- Required 19 credits: Area Credits
  - Elementary Spanish S 101-102: 8
  - Intermediate Spanish S 201-202: 8
  - Teaching Methodology in For Lang FL 412: 3
  - Electives: 3

Total: 22

### GEOGRAPHY

- Introduction to Geography GG 101: 3
- Cultural Geography GG 102: 3
- Upper Division Geography (minimum): 6
- Geography Courses (minimum): 8

Total: 20

### GENERAL SCIENCE

Complete the basic sequence of courses in Physics: 8

Total: 34

### HEALTH EDUCATION FOR NON-PHYSICAL EDUCATION MAJORS

- Health Education PE 100: 3
- Fitness Foundations PE 114: 3
- Advanced First Aid PE 122: 3
- First Aid Instr Trgn Course PE 123: 3
- Health Prog: Meth & Adm PE 415: 3
- Anatomy and Physiology 2 107: 4
- Nutrition H 207: 3
- ELECTIVES: Select two (6)

Total: 24

### HEALTH EDUCATION MINOR FOR PHYSICAL EDUCATION MAJORS

- First Aid Instr Trgn Course PE 123: 3
- Health Prog: Meth & Adm PE 415: 3
- Nutrition H 207: 3
- ELECTIVES: Select two (6)

Total: 24

### HISTORY

- Lower Division
  - US History CH 251-252: 6
  - West Civ HY 101-102 or Prob in West Civ HY 201-202: 3
- American Government (State-Required): 3
- Upper Division Courses to include 3 credit hours of US History with remaining 9 credit hours selected from 2 or 3 major History areas: 12
- U.S., European, Third World: 12

Total: 24

### MATHEMATICS

- Programming Languages CS 122 or CS 126: 2-3
- Calculus M 204 or M 211: 5
- Calculus M 205 or M 212: 4-5
- At least 1 of the following: Linear Algebra M 301: 3
- Introduction to Abstract Algebra M 302: 3
- Fundamentals of Geometry M 311: 3
- Fundamentals of Statistics M 361: 4
- Electives to complete 20 hours: 3-6

Total: 20

### MUSIC

#### Instrumental Track

- 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 & Tech MU 257: 2
- Woodwind Methods & Tech MU 266: 2
- Instrumental Conducting MU 366: 1
- Percussion Methods & Tech MU 368: 2
- Brass Methods & Tech MU 369: 2
- Band & Orchestra Methods & Materials MU 385: 2

Total: 32

### Choral Track

- Materials of Music MU 119-120: 8
- Ear Training MU 121-122: 2
- Vocal Techniques MU 256: 3
- Basic Conducting MU 261: 1
- Orientation to Music Education MU 271: 1
- 1 year Applied Music (Major Instrument): 4
- 1 year Performance Ensemble: 2
- 1 year Applied Music (Voice or Piano): 4
- Choral Conducting MU 365: 1
- Choral Methods and Materials MU 385: 2

Total: 30

### PHYSICAL EDUCATION

### ATHLETIC TRAINING MINOR FOR PHYSICAL EDUCATION MAJORS

- Essen of Chemistry & Labs C 107-110: 9
- Medical Terminology H 101: 3
- Nutrition H 207: 3
- Training Room Procedures PE 120: 1
- Intro Athletic Injuries PE 236: 3
- Internship-Athl Trgn PE 293: 3
- Conditioning Procedures PE 313: 2
- Psych/Soc Aspects of Activity PE 401: 3
- Advanced Athletic Training PE 402: 3
- Training Room Modalities: 2
- Injury Evaluation PE 422: 2
- Theory & Appl of Therapeutic Exercise PE 406: 3

Total: 113
### COACHING ENDORSEMENT FOR NON-PHYSICAL EDUCATION MAJORS

Complete two skills courses that complement the desired Coaching Methods courses (2 credits).

**Skills Courses**
- Coaching Baseball PE 250
- Coaching Basketball PE 251
- Coaching Football PE 252
- Coaching Gymnastics PE 256
- Coaching Track & Field PE 258
- Coaching Volleyball
- Coaching Wrestling PE 260

Complete two Coaching Methods courses (4 credits).

**Methods Courses**
- Coaching Wrestling PE 260
- Coaching Volleyball
- Coaching Track & Field PE 258

Complete two skills courses that complement the desired Coaching Methods courses (2 credits).

**Skills Courses**
- Tumbling PE 115
- Agility PE 131
- Volleyball PE 143
- Basketball PE 144
- Tennis FA 173
- Softball FA 182
- Track & Field
- Wrestling PE 217

**Methods Courses**
- Coaching Track & Field PE 258
- Coaching Volleyball
- Coaching Wrestling PE 260

Complete two skills courses that complement the desired Coaching Methods courses (2 credits).

**Skills Courses**
- Anatomy & Physiology Z 107 or Z 111-112
- Conditioning Procedures PE 313
- Conditioning Methods PE 430
- Coaching, Nature of Profession PE 430
- Internship-Coaching Youth Sports PE 293

**Methods Courses**
- Coaching Wrestling PE 260
- Coaching Volleyball
- Coaching Track & Field PE 258

Complete two skills courses that complement the desired Coaching Methods courses (2 credits).

**Skills Courses**
- Anatomy & Physiology Z 107 or Z 111-112
- Conditioning Procedures PE 313
- Conditioning Methods PE 430
- Coaching, Nature of Profession PE 430
- Internship-Coaching Youth Sports PE 293

**Methods Courses**
- Coaching Wrestling PE 260
- Coaching Volleyball
- Coaching Track & Field PE 258

Complete two skills courses that complement the desired Coaching Methods courses (2 credits).

**Skills Courses**
- Anatomy & Physiology Z 107 or Z 111-112
- Conditioning Procedures PE 313
- Conditioning Methods PE 430
- Coaching, Nature of Profession PE 430
- Internship-Coaching Youth Sports PE 293

**Methods Courses**
- Coaching Wrestling PE 260
- Coaching Volleyball
- Coaching Track & Field PE 258

### Course Offerings

**FL FOREIGN LANGUAGE**

**Upper Division**

F 412 TEACHING METHODOLOGY IN FOREIGN LANGUAGE (3-0-3), Discussion of problems and trends in language learning applied to practical activities, culture presentations, testing, teaching aids and resource materials. Practicums-teaching plans, presenting teaching units. PREREQ: Nine Upper Division credits in one language or PERM/DEPT.

F 101-102 ELEMENTARY FRENCH (4-1-4) (F/S). These two courses provide the opportunity to develop 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 one year of high school French or its equivalent may not enroll in F 101 for credit except by PERM/DEPT.

F 101-P 102-P PROGRAMMED ELEMENTARY FRENCH (V-V). 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). 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. PREREQ: F 102 or PERM/DEPT.

**Lower 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. Students who have had one year of high school French or its equivalent may not enroll in F 303 for credit except by PERM/DEPT.

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 upon current French writings, style imitations and personal essays. PREREQ: F 202 or PERM/DEPT.

**FL 205 LECTURES AVANCEES DE LA POESIE ET DE LA PROSE FRANCAISES** (3-0-3). Selected un abridged works of great French authors, all genres. There will be discussions of the practical realities of the French speaking world concentrating on the common and high frequency expressions of the language. Students who have had one year of high school French or its equivalent may not enroll in F 205 for credit except by PERM/DEPT.

**FL 307 LA CIVILISATION FRANCAISE HISTORIQUE** (3-0-3). Studies in the
development and expansion of French culture from pre-history to the French Revolution; history, art, geography, literature, music and science; assessment of the contribution of French civilization to the Western World. PREREQ: F 202 or PERM/DEPT. Alternate years.

F 377 CIVILISATION FRANCOPHONE MODERNE (3-0-3). Studies in modern French civilization since the end of the "ancient regime," the French Revolution; history, politics, art, geography, literature, music and science; assessment of France's contribution to the modern democracies. PREREQ: F 202 or PERM/INST. Alternate years.

G 465 RITTER UND BAUER, GOTT UND MENSCH (1550-1729) (3-0-3). Survey: Middle Ages, Renaissance, Reformation, Baroque. Selections from heroic and courtly epics, Minnesang, moral tales and plays, religious pamphleteering, childhood: Erastmach Pflug, Adamo, Grillen, Grim, Grimmelshausen, etc. PREREQ: G 331 or PERM/INST. Alternate years.

G 475 DIE DEUTSCHSPRACHIGE WELT VON HEUTE (3-0-3). An in-depth analysis of contemporary non-literary events in the German-speaking world. Discussion topics include economic, social, political, and cultural issues. PREREQ: G 376 or PERM/INST. Alternate years.

G 490 SENIOR SEMINAR (3-0-3). Required of all German majors in the Liberal Arts Option. Individual research interest integrated into an area of interest originating in the seminar. Research culminates in a paper to be presented to the seminar. PREREQ: Senior standing or PERM/INST.

GR GREEK

NOTE: Most Greek Courses require a lab fee.

Lower Division

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. PREREQ: G 101-102 ELEMENTARY German (4-1-4). Listening, speaking, reading and writing assignments. PREREQ: G 102 or equivalent as determined by placement examination and consultation.

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. PREREQ: 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. PREREQ: 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 various genres and an overview of German literature development. The course is intended to provide insights into literary craftsmanship. PREREQ: 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. PREREQ: 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. PREREQ: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 400 APPLIED LINGUISTICS FOR THE GERMAN LANGUAGE TEACHER (2-0). Functional application of linguistic theory to foreign language teaching and learning practices. PREREQ: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 415 AUFKLUERUNG 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 "Storm and Stress" selections from Gotthelf, Haller, Klopstock, Lichtenberg, Kant, Herder, Lessing, J.M.R. Lenz, the early Goethe and Schiller, etc. PREREQ: G 331 or PERM/INST. Alternate years.

G 425 DER TRAUM DER ANTIKE UND DIE TRAUMWELT (1700-1830) (3-0-3). Readings from the classical and romantic classics and their influence on historical context. Selections from Goethe, Schiller, Holderlin, Kleist, Jean Paul, Tieck, Friedrich Schlegel, Chamisso, Brentano, etc. PREREQ: G 331 or PERM/INST. Alternate years.

G 435 REAKTION: LIBERAL UND KONSERVATIV (19TH CENTURY) (3-0-3). Selections from a wide cross-section of 19th century German Literature: Buchner, the "Young Germans", Grillparzer, Hebbel, Gotthelf, Keller, Stifter, Storm, Meyer and others. PREREQ: G 331 or PERM/INST. Alternate years.

G 445 DIE MODERNE ZEIT BEGINT (1890-1945) (3-0-3). "ism's," trends and writers from the turn of the century, through the Weimar Republic, to the collapse of the Third Reich. Naturalism, Impressionism, Expressionism, Neue Sachlichkeit, Blut und Boden Literature, and Exile Literature. PREREQ: G 331 or PERM/INST. Alternate years.

G 455 ALS 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 1945 during the war and post-war experience, and the human condition in the contemporary world. Austrian, East German, Swiss and West German writers. PREREQ: G 331 or PERM/INST. Alternate years.

G 565 GERMAN CIVILIZATION (3-0-3). Special attention paid to the contributions of Germany, Austria, and Switzerland to western civilization. PREREQ: G 202 or equivalent as determined by placement examination and consultation. Alternate years.

G 575 GREEK CIVILIZATION (3-0-3). Special attention paid to the contributions of Greece to the Western World. PREREQ: G 331 or PERM/INST. Alternate years.

L115

Library and Information Science

Lower Division

LS 101-102 ELEMENTARY RUSSIAN (4-1-4). This course is designed to develop the 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 class is conducted in Russian.
College of Education

Alternate years. PREREQ: Senior standing or PERM/INST.

SPANISH

NOTE: Most Spanish courses require a lab fee.

Lower Division

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. Introduces the student to Hispanic culture. Students may not enroll for S 103 if they have had more than one year of high school Spanish or the equivalent.

S 201-202 INTERMEDIATE SPANISH (4-1-4)(Area I). Intended to further develop Spanish language skills, both oral and written. Intensive review of fundamentals of structures and vocabulary. Topics for conversation, reading, and writing focus upon culture of the Hispanic countries. PREREQ: 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 native speaking ability but insufficient formal training in grammar, vocabulary, pronunciation, and standard oral communication. Students qualified for this course cannot challenge S 202 PREREQ: S 201 or equivalent as determined by the placement test. Course conducted in Spanish. Alternate years.

Upper Division

S 303 ADVANCED SPANISH CONVERSATION AND COMPOSITION (3-0-3). Expands facility in Spanish conversation with students of advanced Spanish proficiency. Emphasis on accuracy in writing Spanish. Offers analysis of grammar and expansion of vocabulary through cultural and literary readings. Discussion of topics related to Hispanic contemporary trends, current events, everyday life and other themes of immediate concern to the student. PREREQ: 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 as well as accuracy in writing Spanish. Discussion of topics related to contemporary Hispanic world, and other areas of immediate concern to the student. PREREQ: S 303 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 explication, interpretation and criticism. Models some of the major works of Hispanic literature. PREREQ: S 202 or equivalent as determined by placement examination and consultation. Alternate years.

S 377 CULTURA Y CIVILIZACION HISPANOAMERICANA (3-0-3). Spanish-American civilization from ancient to contemporary times. An analytical study 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. PREREQ: S 202 or equivalent as determined by placement examination and consultation. Alternate years.

S 385 LA GENTE MEXICANA-AMERICANA EN LOS ESTADOS UNIDOS (3-0-3). Deals with the historical and cultural work of Mexican-Americans in the United States from the 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 100 years. Readings and problems in Spanish and English required. PREREQ: S 304 or equivalent. Alternate 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, syntax. PREREQ: LI 305 and six Upper Division credits of Spanish or equivalent. Alternate years.

S 411 ESPANOL 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 fiction and non-fiction works used as examples. Frequent essays required. PREREQ: S 303 and S 304. Course is conducted in Spanish. Alternate years.

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

S 425 LITERATURA CONTEMPORANEA ESPANOLA (3-0-3). Literature of ideas in contemporary Spain through major representative authors and works. Genesis of modern thought and new perspectives in today's Spain. PREREQ: S 331 or PERM/INST. Alternate years.

S 427 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 America. PREREQ: S 331 or PERM/INST. Alternate years.

S 445 LITERATURA ESPANOLA; SIGLOS 18 Y 19 (3-0-3). The main manifestations of thought and literature from 1700 to 1900, including the periods of the Enlightenment, Realism and Romanticism. PREREQ: S 331 or PERM/INST. Alternate years.

S 447 LITERATURA HISPANOAMERICANA; SIGLO 19 (3-0-3). A detailed study of the representative movements, periods, works, and authors from 1800 to 1910. PREREQ: S 331 or PERM/INST. Alternate years.

S 455 EDAD DE ORO DE LA LITERATURA ESPANOLA (3-0-3). The main literary movements of the Golden Age in Spain (16-17th centuries), with emphasis on representative authors from each. PREREQ: S 331 or PERM/INST. Alternate years.

S 457 LITERATURA HISPANOAMERICANA; COLONIA Y SIGLO 18 (3-0-3). An introduction to the major authors, works, movements, and periods of the Spanish-American literature from the colonial time to the end of the 18th century. PREREQ: S 331 or PERM/INST. Alternate years.

S 465 LITERATURA ESPANOLA MEDIEVAL Y RENACENTISTA (3-0-3). An introduction to the principal authors, works, movements and periods of Spanish literature, from its beginnings to the end of the 15th century. PREREQ: S 331 or PERM/INST. Alternate years.

S 475 EVENTOS CONTEMPORANEOS DE GENTES Y PAISES HISPANOAMERICANOS (3-0-3). A lecture and discussion course based on current social, economic, cultural and political events faced by Spanish-speaking nations. Special attention is given to a comparative examination and analysis of the problems facing this people in their respective countries today. PREREQ: S 376 or S 377 or S 304 or PERM/INST.

S 498 SENIOR SEMINAR (3-0-3). Exploration of fields of special interest, either literary or social studies oriented. Individual research and research culminate in a paper to be presented to the seminar. Practical application of independent study approaches, research methods, and bibliography format. Required of all Spanish majors with Liberal Arts emphasis. PREREQ: Senior standing or PERM/INST.

TE TEACHER EDUCATION

Lower Division

TE 101 INTRODUCTION TO SECONDARY TEACHING: CLASSROOM OBSERVATION (1-0-1)(F). This course will provide the student with an introduction to the elementary school and the role of the teacher. Topics will include areas of specialization within the profession and a self-awareness of potential as an elementary school teacher. Required of all students planning observation and weekly seminars with a university instructor will be required.

TE 101 INTRODUCTION TO SECONDARY TEACHING: CLASSROOM OBSERVATION (1-0-1)(F/S). This course will provide the student with an introduction to the secondary school, the role of the teachers, guidelines for professional, preparation, and a minimum of fifteen hours of guided classroom observation. Eight one-hour classroom lectures will be required, with time for classroom observation arranged on an individual basis.

TE 201 FOUNDATIONS OF EDUCATION (3-0-3)(F/S/U)(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 202 FOUNDATIONS OF TEACHING ENGLISH AS A SECOND LANGUAGE (3-0-3)(F/S/U). This course is designed to give the student a background in the philosophy of language, linguistic, and cultural development of teaching English as a Second Language. The student also is given an overview of current trends in ESL and of the preparation needed to teach ESL.

TE 208 INTRODUCTION TO MICROCOMPUTERS IN EDUCATION (3-0-3)(F/S/U). This course will provide students to the use of microcomputers in education. Students will study the BASIC computer language, terminology, and concepts. Students will explore computers in selecting hardware; become critical consumers of software; and explore the possibilities and limitations of computer assisted instruction in the classroom. $10.00 lab fee.

TE 216 GRAMMAR AND LANGUAGE USAGE FOR TEACHERS (3-0-3)(S). This course will provide instruction in the content of language arts curriculum goals as taught in grades 4-8. Students will study the development and sequence of concepts of grammar, punctuation, spelling, and language study appropriate to each grade level. The course will also include an introduction to writing instruction.

TE 271 INTRODUCTION TO TEACHING II: INSTRUCTIONAL EXPERIENCE (3-0-3)(F/S). This course will provide instructional experience in the classroom, which includes middle grades, special education, reading and pre-school classrooms. PREREQ: TE 271.

TE 278 MEXICAN AMERICAN TRADITION AND CULTURE IN THE ELEMENTARY CLASSROOM (2-0-1)(F). An exploration of the Mexican-American cultural tradition within its perspective to its history as well as its influence on the contemporary American language, linguistics, dance, art, folklore, customs, beliefs, and institutions. Conducted in English. Offered in alternate years.

TE 291 EDUCATION OF THE EXCEPTIONAL CHILD (3-0-3)(F/S/U). The course shall provide students with the class of instruction, identification, disabilities, and reading, an opportunity to develop knowledge and skills related to the education of the exceptional child. All categories of exceptionality shall be explored as to their educational and psychological implications. Legal requirements, com-
munity resources and instructional needs will be included. PREREQ: P 101 and TE 171.

Upper Division

TE 305 TEACHING BEGINNING DEVELOPMENTAL READING, K-3 (3-0-3) (F/S/5). Prospective teachers will learn how to teach reading in the primary grades. Students will examine and demonstrate competency in using reading systems, the Language Experience approach and individualization of reading instruction. PREREQ: Junior Standing.

TE 306 TEACHING DEVELOPMENTAL AND CONTENT READING, GRADES 4-6 (3-0-3) (F/S/5). Prospective teachers will learn how to teach reading in grades 4-6. Different grouping designs, the implementation of basal reader instruction, and individualization of reading will be covered. Study skills, content area reading, word recognition skills, dictionary skills, and higher order thinking skills will also be taught. PREREQ: Junior Standing.

TE 316 CHILDREN'S LITERATURE (3-0-3) (F/S). This course will provide a survey of literature for children from preschool through early adolescence, with emphasis on recognition of excellence and the value of wide and varied reading experiences. Literature from diverse cultures as well as current issues in book selection will be included.

TE 322 IDENTIFICATION & DIAGNOSIS OF LIMITED ENGLISH PROFICIENT (LEP) STUDENTS (2-0-3) (F/S/5). Familiarizes future teachers with language proficiency tests. Instruments such as the Language Assessment Scales, Bilingual Syntax Measure, Basic Inventory of Natural Language, James Language Dominance Test, Peabody Picture Vocabulary Test are studied. Students will learn to administer and interpret the results of these and other tests so to properly place students in a level of ESL study.

TE 333 EDUCATING EXCEPTIONAL SECONDARY STUDENTS (1-0-1) (F). The course is designed to acquaint prospective secondary teachers with the educational needs of secondary students identified as exceptional. Emphasis shall be placed on classroom teaching models that enhance learning by special students.

TE 334 TEACHING IN SPECIAL EDUCATION (3-0-3) (S). The course is designed to prepare the special education teacher in the diagnosis and understanding of instruction of the handicapped. Topical presentations and activities include legal and educational implications, consulting and counseling with parents and professionals, utilization of school and community resources, professional publications and organization. PREREQ: TE 291.

TE 335 TEACHING MILDLY HANDICAPPED ADOLESCENTS (3-0-3) (S). Five topical areas related specifically to mildly handicapped adolescents will be examined. The areas examined are: Assessment procedures, eligibility criteria, service delivery options, intervention techniques, and instructional strategies. PREREQ: TE 334 or PERM/INST.

TE 340 TECHNOLOGY IN SPECIAL EDUCATION (2-2-2). This course introduces special educators to uses of computers and technology that are especially valuable for the handicapped. Specific attention will be given to adapting the computer and technology to special student needs, Computer Assisted Instruction (CAI) and Computer Managed Instruction (CMI). PREREQ: TE 200 or PERM/INST.

TE 341 LITERATURE FOR YOUNG ADULTS (3-0-3) (S). This course will provide an introduction to literature, including a multicultural component, appropriate to the needs, interests and abilities of young adults. It is intended for librarians, teachers and others interested in working with young adults. PREREQ: Three credits of lower division literature.

TE 356 EDUCATIONAL TECHNOLOGY (2-2-2) (F/S). This course will prepare students to use technology in secondary education to use a variety of educational technologies, including audio-visual equipment, television, and computers. Students will learn to prepare visual materials.

TE 358 CORRECTIVE READING (3-0-3) (F/S). 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 approximately 20 sessions. PREREQ: TE 305.

TE 361 CHILD BEHAVIOR AND GUIDANCE IN EARLY CHILDHOOD EDUCATION (3-0-3) (F/S). The influence of the home and school environment will be examined in relation to children's behaviors and emotional areas of development. Furthermore, strategies for handling problems and teaching children will be emphasized. Parent and teacher manuals will be examined in relation to theories and appropriateness in using such materials. PREREQ: TE 201.

TE 362 CURRICULUM IN EARLY CHILDHOOD EDUCATION (3-0-3) (F/S). The preschool-primary curriculum will be examined in relation to readiness and academic skill development. An understanding of effective communications and instructional skills is emphasized. This course will be a prerequisite to student teaching. PREREQ: P 101 and Admission to Teacher Education.

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 assignments. Must be taken prior to student teaching. PREREQ: TE 201. Admission to Teacher Education.

TE 384 SECONDARY SCHOOL SCIENCE METHODS (3-0-3) (F/S). This course provides the theoretical and practical background for science instruction at the secondary level. Emphasis is placed on teachers' competency in the use of inquiry methods, questioning techniques, and the development of higher reasoning skills in students. Use of technology in science teaching is also treated.

TE 385 SECONDARY SCHOOL SOCIAL STUDIES METHODS (3-0-3) (F/S). This course will examine effective methods for teaching secondary social studies. Curriculum is organized either by a general social studies format or by a single social science discipline or history will be studied and effective teaching strategies will be identified, analyzed and practiced. Prior completion of TE 381. Secondary School Methods is recommended.

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 for 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. PREREQ: TE 393.

TE 395 GENERAL SAFETY EDUCATION (3-0-3). Provides a comprehensive survey of general safety education, applied to all fields in general but particularly to public schools in particular. Includes the study of accidents, safety, accident prevention, and the school's role in safety relative to other public and private agencies.

TE 407-407C READING IN THE CONTENT SUBJECTS (3-0-3) (F/S). This course provides middle and secondary teachers with knowledge and skills necessary for maximum utilization of instructional materials in the various content areas. Students seeking graduate credit will be required to meet additional objectives. PREREQ: 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. Such areas as placement, mental retardation, multiple handicaps, and severely emotionally disturbed will be studied in this course. PREREQ: TE 291, 430.

TE 423G TEACHING THE MODERATELY AND SEVERELY HANDICAPPED (3-0-3) (F). This course is designed to acquaint students in gaining skills necessary for teaching the moderately and 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 in in-service activity. PREREQ: TE 422.

TE 430 DIAGNOSIS OF THE HANDICAPPED (3-0-3) (F/S). Provides for the development of skills in identification and diagnosis of students referred for evaluation. PREREQ: TE 384.

TE 431 TEACHING READING AND WRITTEN EXPRESSION TO THE HANDICAPPED (3-0-3) (F). The course details the various components for teaching reading and written expression, including the selection and usage of appropriate materials and integrating reading and remedial procedures with mildly handicapped students (learning disabled, emotionally disturbed and mildly/moderately mentally retarded).

TE 432 TEACHING MATH AND LANGUAGE TO THE HANDICAPPED (3-0-3) (F/S). This course will detail specific sequences and various approaches to math instruction and oral language development with research discussion to support the proposed overview and explanation for reading and writing procedures, on-going record keeping and remediation for mildly emotionally disturbed, learning disabled, and mild-moderately mentally retarded. PREREQ: TE 433 or PERM/INST.

TE 450G BEHAVIOR INTERVENTION TECHNIQUES (3-0-3) (S). This course is designed to train teachers and counselors, and administrators in understanding the principles of behavior and the application of behavioral analysis. The major emphasis will be placed on the Learning Theory Model. Development and intervention with the relationship of behavior to the environment will be stressed. PREREQ: TE 291.

TE 451 ELEMENTARY CURRICULUM AND METHODS (3-0-6) (F/S). Curriculum and methods in language arts, mathematics, social studies, and science are investigated. Students develop skills in using media and technology as aids to instruction. The emphasis is on methods and materials appropriate to the developmental stages of school children (K-8). First course in a two semester sequence. PREREQ: M 103, M 104.

TE 462 ELEMENTARY CURRICULUM AND METHODS (3-0-6) (F/S). Curriculum and methods in language arts, mathematics, social studies, and science are investigated. Students develop skills in using media and technology as aids to instruction. The emphasis is on methods and materials appropriate to the developmental stages of school children (K-8). PREREQ: TE 451.

TE 453 TEACHING READING AND LANGUAGE ARTS IN THE BILINGUAL CLASSROOM (2-0-2). Develops an understanding of various approaches to reading instruction. Includes review of materials and media, development of criteria for selection of appropriate instructional materials, instruction given in both English and Spanish. PREREQ: 5 101, 102, 201, and 202 or S 203.

TE 454 TEACHING CONTENT IN THE BILINGUAL CLASSROOM (3-0-3) (F/S). This course includes studies in the languages, mathematics, science and social studies for use in the elementary classroom. Instruction will be presented in both the Spanish and English languages. PREREQ: S 5 101, 102, 201, and 202 or S 203.

TE 456 METHODS OF TEACHING ENGLISH AS A SECOND LANGUAGE (3-0-3) (F/S). This course acquaints future teachers with a variety of approaches and methods of teaching ESL such as the Audio Lingual, Cognitive, Situational, Direct/Implicit Ways of Teaching, etc. Role of individualized instruction and learning centers are major areas of discussion. PREREQ: TE 211, 322.

TE 457 CLASSROOM MANAGEMENT SKILLS (2-0-2) (F/S). This course will provide prospective elementary and special teacher candidates with skills for establishing...
and maintaining productive student learning. Practical, specific actions teachers can take to promote appropriate behavior and effective relationships will be learned. PREREQ: P 311, P 325.

**TE 463G INFANT EDUCATION (3-0-3)(5)** 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 ensure optimum development.

**TE 465 CREATING MATERIALS IN EARLY CHILDHOOD EDUCATION (3-0-3)(5)**/Su. Students will become familiar with a wide variety of inexpensive classroom materials. They will design and make usable materials that are best suited to meet the objectives of their particular curriculum, as well as individual children's needs. Students will try out and evaluate materials with children. Students will be expected to supply some of the materials.

**TE 471 ELEMENTARY STUDENT TEACHING (0-20-5)(F/S). Observation and supervised teaching.** PREREQ: Approval of an application for student teaching. Graded pass/fail.

**TE 472 ELEMENTARY STUDENT TEACHING (0-20-5)(F/S).** Observation and supervised teaching. PREREQ: Approval of an application for student teaching. Graded pass/fail.

**TE 473 ELEMENTARY STUDENT TEACHING IN SPECIAL EDUCATION (0-20-5)(F/S). Supervised teaching in a resource or self-contained special education classroom.** PREREQ: Required course work in special education and approval for placement in a special education setting. Graded pass/fail.

**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. PREREQ: S 202, TE 453, TE 454. Graded pass/fail.

**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. PREREQ: S 202, TE 453, TE 454. Graded pass/fail.

**TE 476 STUDENT TEACHING IN CLASSES FOR THE SEVERELY HANDICAPPED (0-20-5)(F/S). Supervised student teaching in a classroom as well as experience with special conditions unique to the severely handicapped. These may include vocational needs, community services and public agencies serving this population.** PREREQ: TE 423, TE 473.

**TE 477 ELEMENTARY STUDENT TEACHING - SPECIALTY AREA (0-30-6) or (0-15-3)(F/S).** This course is reserved for students who are seeking an endorsement to teach in specific disciplines in grades 1-9 or who are seeking an elementary special certificate. Students are given assignments in elementary schools where they observe and teach under the supervision of a cooperating teacher and a university supervisor. PREREQ: Admission to student teaching.

**TE 482 JUNIOR HIGH SCHOOL STUDENT TEACHING: COMPOSITION (8-15-8)(F). Supervised student teaching in a junior high school. The student will be placed with a cooperating teacher for one semester (full-time) in his/her major/minor field under the supervision of University faculty. Seminars are required.** PREREQ: Admission to student teaching. COREQ: TE 483. Graded pass/fail.

**TE 483 SENIOR-HIGH SCHOOL STUDENT TEACHING: COMPOSITION (8-15-8)(F/S). Supervised student teaching in a senior high school. The student will be placed with a cooperating teacher for one semester (full-time) in his/her major/minor field under the supervision of University faculty. Seminars are required.** PREREQ: Admission to student teaching. COREQ: TE 482. Graded pass/fail.

**TE 484 JUNIOR HIGH SCHOOL STUDENT TEACHING: SINGLE OPTION (1-20-10)(F/S). Supervised student teaching in a junior high school. The student will be placed with a cooperating teacher for ten weeks (full-time) in his/her major/minor field under the supervision of University faculty. Seminars are required.** PREREQ: Admission to student teaching. COREQ: TE 482. Graded pass/fail.

**TE 485 SENIOR HIGH SCHOOL STUDENT TEACHING: SINGLE OPTION (1-20-10)(F/S). Supervised student teaching in the senior high school. The student will be placed with a cooperating teacher for ten weeks (full-time) in his/her major/minor field under the supervision of University faculty. Seminars are required.** PREREQ: Admission to student teaching.

**TE 489 SEMINAR: CONFLICT IN THE EDUCATIONAL SYSTEM (2-0-2).** An interdisciplinary social science approach to practical educational considerations raised by authority, communication, culture, language, social stratification, personality differences, and other sources of conflict in education.

**Graduate**

(See Graduate School Section for Course descriptions)

**TE 501 FOUNDATIONS OF READING INSTRUCTION (3-0-3)(F/S) SU.**

**TE 502 DIAGNOSIS AND CORRECTION OF READING PROBLEMS (3-0-3)(F/S).**

**TE 503 CLINIC FOR READING SPECIALISTS (3-0-3)(F).**

**TE 504 SEMINAR IN READING EDUCATION (3-0-3)(F/S).**

**TE 505 INDIVIDUAL TEST AND MEASUREMENTS (3-0-3)(F/S).**

**TE 580 DIAGNOSIS AND CORRECTION OF READING PROBLEMS - SECONDARY (3-0-3)(5)**

**TE 510 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING SOCIAL SCIENCE (3-0-3)(F).**

**TE 511 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING ELEMENTARY MATHEMATICS (3-0-3)(F).**

**TE 512 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING LANGUAGE ARTS AND LINGUISTICS (3-0-3)(F).**

**TE 513 ADVANCED PRACTICES AND PRINCIPLES IN TEACHING ELEMENTARY SCIENCE (3-0-3)(F).**

**TE 514 COUNSELING/CONSULTING SKILLS FOR EDUCATORS (3-0-3)(F).**

**TE 515 ADVANCED THEORY OF INSTRUCTIONAL DESIGN FOR SPECIAL EDUCATORS. (3-0-3)(F).**

**TE 516 TEACHING GIFTED AND TALENTED STUDENTS (3-0-3)(S).**

**TE 517 SEMINAR ON THE SEVERELY HANDICAPPED LEARNER (3-0-3)(S) odd years.**

**TE 518 TECHNIQUES FOR CREATIVE WRITING IN ELEMENTARY SCHOOLS (3-0-3)(S).**

**TE 519 CHILDREN'S LITERATURE, ADVANCED LEVEL (3-0-3)(F).**

**TE 520 EDUCATIONAL MEDIA (3-0-3)(SU).**

**TE 522 INDIVIDUALIZATION OF READING INSTRUCTION (3-0-3)(F/S).**

**TE 523 EMOTIONALLY DISTURBED CHILD IN THE CLASSROOM (3-0-3)(F/S).**

**TE 531 EDUCATION FOR THE CULTURALLY DIFFERENT LEARNER (3-0-3)(S).**

**TE 534 ISSUES & TRENDS IN SPECIAL EDUCATION (3-0-3)(S) even years.**

**TE 541 EDUCATION IN EMERGING NATIONS (3-0-3)(F).**

**TE 543 EARLY CHILDHOOD: READINGS (3-0-3)(S).**

**TE 544 EARLY CHILDHOOD: ADVANCED CHILD DEVELOPMENT (3-0-3)(F).**

**TE 546 EARLY CHILDHOOD: ENVIRONMENTS AND PROGRAMS (3-0-3)(S).**

**TE 547 EARLY CHILDHOOD: LANGUAGE ACQUISITION AND DEVELOPMENT (3-0-3)(F).**

**TE 551 FUNDAMENTALS OF EDUCATIONAL RESEARCH (3-0-3)(SU/F).**

**TE 555 SUPERVISION OF INSTRUCTIONAL PERSONNEL (3-0-3)(S).**

**TE 559 PHILOSOPHY OF EDUCATION (3-0-3)(SU).**

**TE 561 SCHOOL LAW FOR THE CLASSROOM TEACHER (1-0-1)(SU).**

**TE 562 SCHOOL ORGANIZATION AND FINANCE (1-0-1)(SU).**

**TE 563 CONFLICTING VALUES INFLUENCING EDUCATION (1-0-1)(SU).**

**TE 564 INSTRUCTIONAL TECHNIQUES-SECONDARY SCHOOLS (1-0-1)(SU).**

**TE 565 INTERPRETING EDUCATIONAL RESEARCH (1-0-1)(SU).**

**TE 566 LEARNING THEORY AND CLASSROOM INSTRUCTION (1-0-1)(SU).**

**TE 568 TECHNIQUES OF CLASSROOM MANAGEMENT (1-0-1)(SU).**

**TE 569 TESTING AND GRADING (1-0-1)(SU).**

**TE 570 GRADUATE Core-Issues in Education (3-0-3)(SU).**

**TE 573 INSTRUCTIONAL TECHNIQUES-ELEMENTARY SCHOOL (1-0-1)(SU).**

**TE 581 CURRICULUM PLANNING AND IMPLEMENTATION (3-0-3)(S).**

**TE 582 ANALYSIS AND IMPROVEMENT OF INSTRUCTION (3-0-3)(S).**

**TE 590 PRACTICUM IN SPECIAL EDUCATION (3-0-3)(F/S).**

**TE 591 PROJECT (V-V-6).**

**TE 593 THESIS (V-V-6).**