PHILOSOPHY

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

OBJECTIVES

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

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

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

ACTIVITIES

THE COLD DRILL

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

WESTERN WRITERS SERIES

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

PERFORMANCES, EXHIBITIONS, WORKSHOPS

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

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

Liberal Arts Bldg., Rm 252

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

ART MAJOR
Lower Division — All Degrees
(Suggested Program)

1. General Art

FRESHMAN YEAR:

- Basic Design AR 105-106
- Elementary Drawing AR 111-112
- Elementary Painting AR 113-114
- Art History AR 101-102
- Lettering AR 107
- Lettering and Layout AR 108
- English Composition E 101-102
- History (Area II)
- Electives

16-18

SOPHOMORE YEAR

- Intermediate Drawing AR 211-212
- Intermediate Painting AR 215-217, 218, 219
- Intro to Music or Drama (Area I)
- Social Science (Area II)
- Lab Science or Mathematics (Area III)
- Electives

16-18

2. Art Education

Freshman Year (see General Art Freshman Year)

SOPHOMORE YEAR

- Intermediate Drawing AR 211
- Intermediate Painting AR 215, 217, 218, 219
- Foundations of Education TE 201
- General Psychology (Area II) P 111
- Intro to Music or Drama (Area I)
- Lab Science or Mathematics (Area III)
- Electives

16-18

3. Advertising Design

Freshman Year (see General Art Freshman Year)

SOPHOMORE YEAR

- Intermediate Design AR 211
- Intermediate Painting AR 215, 217, 218, 219
- Foundations of Education TE 201
- General Psychology (Area II) P 111
- Lab Science or Mathematics (Area III)
- Electives

16-18

ART MAJOR
Bachelor of Arts Program

1. General Art — Bachelor of Arts Program

a. General University & Basic Core Requirements

b. 1) Art Major Requirements

- Painting and-or Watercolor AR 113, 114, 217, 218
- Drawing AR 111, 112

51

2) Major Emphasis

- A total of 124 credit hours from any Fine Arts area will constitute the major emphasis, which include: Painting, Watercolor, Drawing, Ceramics, Sculpture, Printmaking, Art Metals, Photography, Art History.

2) Electives

- History
- Lab Science or Mathematics
- Foundations of Education
- Educational Psychology
- Educational Psychology
- Elementary School Art Methods
- Secondary School Methods
- Reading in Content Subject
- Secondary Student Teaching
- Senior Seminar
- Senior Seminar

128*

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

3. Advertising Design — Bachelor of Arts Program

a. General University & Basic Core Requirements

b. 1) Art Major Requirements

- Advertising Design
- Watercolor and-or Painting
- Drawing
- Advertising Illustration
- Design
- Lettering — Lettering & Layout
- Art History
- Printmaking
- Creative Photography
- Senior Seminar

53

2) Electives

- Design

24

ART MAJOR
Bachelor of Fine Arts Program

1. General Art — Bachelor of Fine Arts Degree

a. General University & Core Requirements

b. 1) Art Major Requirements

- Painting
- Drawing
- Art History
- Watercolor
- Design

32

2) Major Emphasis

- A total of 124 credit hours from any Fine Arts area will constitute the major emphasis, which include: Painting, Watercolor, Drawing, Ceramics, Sculpture, Printmaking, Art Metals, Photography, Art History.

2) Electives

- History
- Lab Science or Mathematics
- Foundations of Education
- Educational Psychology
- Educational Psychology
- Elementary School Art Methods
- Secondary School Methods
- Reading in Content Subject
- Secondary Student Teaching
- Senior Seminar
- Senior Seminar

128*

* A minimum of 40 credit hours of a total 128 must be Upper Division.
2. Art Education — Bachelor of Fine Arts. Refer to pg. 104 for complete information.

b. 1) Art Major Requirements

<table>
<thead>
<tr>
<th>Painting</th>
<th>8</th>
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<tbody>
<tr>
<td>Art History</td>
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<td>Watercolor</td>
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<td>Design</td>
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<td>Printmaking</td>
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<td>Sculpture</td>
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<td>Ceramics</td>
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<td>Lettering</td>
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<tr>
<td>Senior Seminar</td>
<td>3</td>
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<td></td>
<td>48</td>
</tr>
</tbody>
</table>

c. Electives                  | 128* |

3. Art — Advertising Design — Bachelor of Fine Arts Degree Advertising Design Emphasis

<table>
<thead>
<tr>
<th>General University &amp; Core Requirements</th>
<th>32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Major Requirements</td>
<td></td>
</tr>
<tr>
<td>Advertising Design</td>
<td>10</td>
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<tr>
<td>Painting</td>
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<td>Drawing</td>
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<td>Design</td>
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<td>Sculpture</td>
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<tr>
<td>Lettering — Lettering &amp; Layout</td>
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<td>Art History</td>
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<tr>
<td>Creative Photography</td>
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<tr>
<td>Printmaking</td>
<td>2</td>
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<tr>
<td>Advertising Illustration</td>
<td>6</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>c. Professional Electives</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>128*</td>
</tr>
</tbody>
</table>

** Art Education may be applied to the 20 hour major requirement in the Area of Watercolor, Ceramics, Sculpture, Printmaking, Art Metals, Photography, and Art History.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 116</td>
<td>LANDSCAPE PAINTING (0-8-3) (SU)</td>
<td>Description same as AR 115 above. Second summer session.</td>
<td>PREREQ: AR 115.</td>
</tr>
<tr>
<td>AR 123</td>
<td>CRAFTS (0-4-2) (F/S)</td>
<td>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 furniture, make-up, and ceramic work, sheet metal and others may be assigned. The proper use of hand tools and their safety will be stressed. This course is open to Non-Arts majors.</td>
<td></td>
</tr>
<tr>
<td>AR 131</td>
<td>INTERIOR DECORATION (2-1-2) (F/S)</td>
<td>Aid in understanding and appreciating interior design. The basic basic of home decorating will be studied. This class include color, fabrics, carpets, and furniture.</td>
<td>PREREQ: AR 111-112.</td>
</tr>
<tr>
<td>AR 203</td>
<td>ADVERTISING DESIGN (0-4-2) (F)</td>
<td>Special assignments in various techniques employed in advertising and commercial art, problems in layout, typography, and reproduction will be emphasized. Advisable to take AR 105, 106, 107 and 108 prior to AR 203.</td>
<td>PREREQ: AR 108, AR 203 or PERM/INST.</td>
</tr>
<tr>
<td>AR 204</td>
<td>ADVERTISING DESIGN (0-4-2) (S)</td>
<td>Advanced work in various techniques employed in advertising and commercial art. PREREQ: AR 108, AR 203 or PERM/INST.</td>
<td>PREREQ: AR 108, AR 203 or PERM/INST.</td>
</tr>
<tr>
<td>AR 209</td>
<td>INTRODUCTION TO PRINTMAKING (0-4-2) (F/S)</td>
<td>A course designed to acquaint the student with creative workshops in lithography, lino, letter, and intaglio. Advisable to have some experience in drawing and design.</td>
<td>PREREQ: AR 115 and AR 114.</td>
</tr>
<tr>
<td>AR 210</td>
<td>PRINTMAKING (0-4-2) (F/S)</td>
<td>This course is designed to be a transitional class between the introduction to printmaking AR 209 and the advanced class AR 209. Emphasis will be placed on the use of the techniques to accommodate one's own personal statement while utilizing sound design practices.</td>
<td>PREREQ: AR 115 and AR 114.</td>
</tr>
<tr>
<td>AR 211</td>
<td>ANATOMY (0-4-2) (F/S)</td>
<td>A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Model fee. PREREQ: AR 111-112.</td>
<td>PREREQ: AR 111-112.</td>
</tr>
<tr>
<td>AR 212</td>
<td>LIFE DRAWING (0-4-2) (F/S)</td>
<td>Further study from the model with increased emphasis on anatomy, expression, and composition. Model fee. PREREQ: AR 211.</td>
<td>PREREQ: AR 211.</td>
</tr>
<tr>
<td>AR 215</td>
<td>PAINTING (0-4-2)(F/S)</td>
<td>More advanced painting problems in realism and abstraction, with some independent work. Oils, acrylic or other media may be used. May be repeated once for credit. PREREQ: AR 115 and AR 114.</td>
<td>PREREQ: AR 115 and AR 114.</td>
</tr>
<tr>
<td>AR 217</td>
<td>PAINTING-WATERCOLOR (0-4-2)(F)</td>
<td>Major emphasis will be in the use of transparent watercolor. Work can be outdoors from nature as well as studio work. Advisable to take AR 217 prior to AR 218.</td>
<td>PREREQ: AR 115 and AR 114.</td>
</tr>
<tr>
<td>AR 219</td>
<td>FIGURE PAINTING (0-4-2)(F/S)</td>
<td>Painting from models with an emphasis on a representational approach; study of form, color, and composition as they relate to the human figure. Model fee. Advisable to take AR 114 and 112 prior to AR 219.</td>
<td>PREREQ: AR 114 and 112 prior to AR 219.</td>
</tr>
<tr>
<td>AR 221</td>
<td>ART METALS (0-4-2) (F)</td>
<td>Creative exploration in design and construction problems. Various materials will be utilized with primary emphasis on jewelry design and metals. Craftsman ship and the care and usage of tools will be stressed.</td>
<td>PREREQ: AR 221, 222, 307. May be repeated for credit.</td>
</tr>
</tbody>
</table>
DEPARTMENT OF BIOLOGY

Science-Nursing Bldg., Rm. 223 Phone 208-385-3262
Chairman and Professor: Rychert; Professors: Baker, Fritchman, Fuller, Papenfuss, Wicklow-Howard; Associate Professors: Centanni, Douglas, Kelley, Long, McCloskey, Wylie, Yensen; Assistant Professor: Bechard.

REQUIREMENTS FOR BIOLOGY MAJOR

I. Bachelor of Science Option
1. General University and Baccalaureate Degree
   Requirements. See pages 31-32
   Major Requirements
   
   A. Biology
      1. Biology Core 13
      2. General Botany BT 130 4
      3. General Zoology Z 130 5
      4. Cell Biology B 301 3
      5. General & Comparative Physiology Z 409 4
      6. Human Physiology Z 401 4
      7. Plant Physiology BT 401 4
      8. Vertebrate Embryology Z 351 4
      9. Vertebrate Histology Z 400 4
      10. Comparative Anatomy BT 302 3
      11. Plant Morphology BT 311 4
      12. Comparative Vertebrate Anatomy Z 301 4
      13. Systematic Botany BT 201 4
      14. Entomology Z 305 4
      15. Invertebrate Zoology Z 307 4
      16. Vertebrate Natural History Z 355 4
      17. Biology Electives 17-23
      18. Education Requirements to include Science Electives 25-30
      19. Electives 0-19
      
   B. Chemistry
      1. College Chemistry C 131-134 9
      2. Organic Chemistry C 317, 319 5
      3. Mathematics 10
      4. Physics BT 401, Z 409 4
      5. Systematic Botany BT 201 4
      6. Biology Electives 1-16
      
   The following electives are highly recommended:
   Ecology B 423, 424 3
   Entomology Z 305 4
   Invertebrate Zoology Z 307 4
   Vertebrate Natural History Z 355 4

   B. Chemistry
      1. College Chemistry C 131-134 9
      2. Organic Chemistry C 317, 319 5
      3. Mathematics 10
      4. Electives 0-19
      
   III. Secondary Education Option — Minor Endorsement
   1. General University and Baccalaureate Degree
      Requirements — see pages 31-33
      Major Requirements
      
      1. Biology Core 13
      2. General Botany BT 130 4
      3. General Zoology Z 130 5
      4. Cell Biology B 301 3
      5. Genetics & Comparative Physiology Z 409 4
      6. General & Comparative Physiology Z 409 4
      7. Human Physiology Z 401 4
      8. Plant Physiology BT 401 4
      9. Vertebrate Embryology Z 351 4
      10. Vertebrate Histology Z 400 4
      11. Comparative Anatomy BT 302 3
      12. Plant Morphology BT 311 4
      13. Comparative Vertebrate Anatomy Z 301 4
      14. Systematic Botany BT 201 4
      15. Entomology Z 305 4
      16. Invertebrate Zoology Z 307 4
      17. Vertebrate Natural History Z 355 4
      18. Biology Electives 17-23
      19. Education Requirements to include Science Electives 25-30
      20. Electives 0-19

   B. Chemistry
      1. College Chemistry C 131-134 9
      2. Organic Chemistry C 317, 319 5
      3. Mathematics 10
      4. Electives 0-19

   * 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 requires 30 Biology credits. In both instances a minimum of 6 credits must be in Botany and 6 credits in Zoology.

   BIOLOGY MAJOR
   Bachelor of Science
   (Suggested Program)

   FRESHMAN YEAR:
   
   1st SEM
   English Composition E 101-102 3
   General Botany BT 130 4
   General Zoology Z 130 5
   College Chemistry C 131-134 4
   Mathematics 5
   
   2nd SEM
   General Botany BT 130 4
   General Zoology Z 130 5
   College Chemistry C 131-134 4
   Mathematics 5
   
   SOPHOMORE YEAR:
   
   1st SEM
   Organic Chemistry C 317, 319 5
   Cell Biology B 301 3
   Electives (Area I) 6
   Electives (Area II) 3
   Other Electives 3
   
   2nd SEM
   Electives (Area I) 6
   Electives (Area II) 3
   Other Electives 3
   
   JUNIOR YEAR:
   
   1st SEM
   Electives (Area I, II) 3
   Biology Electives 8
   Other Electives 3
   
   2nd SEM
   Biology Electives 8
   Other Electives 3
   
   SENIOR YEAR:
   
   1st SEM
   Biology Seminar B 498 1
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   2nd SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   BIOLOGY MAJOR
   SECONDARY EDUCATION OPTION
   Bachelor of Science
   (Suggested Program)

   FRESHMAN YEAR:
   
   1st SEM
   English Composition E 101-102 3
   General Botany BT 130 4
   General Zoology Z 130 5
   College Chemistry C 131-134 4
   Mathematics 5
   
   2nd SEM
   Electives (Area I, II) 3
   Biology Electives 8
   Other Electives 3
   
   3rd SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   4th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   5th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   6th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   7th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   8th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   9th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   10th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   11th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   12th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   13th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   14th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   15th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   16th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   17th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   18th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   19th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   20th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   21st SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   22nd SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   23rd SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   24th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   25th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   26th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   27th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   28th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   29th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5
   
   30th SEM
   Biology Electives 8
   General Botany BT 130 4
   General Zoology Z 130 5

   COLLEGE OF ARTS & SCIENCE
SOPHOMORE YEAR:

- Organic Chemistry C 317, 319........................................ 5
- Microbiology B 205.................................................... 4
- Cell Biology B 225................................................... 3
- Foundations of Education TE 201.............................. 3
- General Psychology P 101......................................... 3
- Electives (Area I).................................................. 3
- Electives (Area II)................................................. 3
- Other Electives................................................... 3
- 15
- 15

JUNIOR YEAR:

- Educational Psychology P 325........................................ 3
- Secondary School Methods TE 381................................. 3
- Secondary School Science Methods TE 384.................... 3
- Electives (Area I).................................................. 6
- Genetics B 343, 344.................................................. 4
- Biology Electives................................................... 8
- 17
- 17

SENIOR YEAR:

- Biology Seminar................................................... 1
- Biology Electives................................................... 4-8
- Education Courses................................................ 4-9-14
- Other Electives.................................................... 3
- 15-16
- 15-20

PREFORESTRY 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.

FRESHMAN YEAR:

1st SEM

- English Composition E 101-102................................... 3-3
- General Botany BT 130........................................... 4
- General Zoology Z 130............................................ 5
- Essentials of Chemistry C 107-110.............................. 4
- Mathematics...................................................... 5
- 16
- 16

2nd SEM

- General Sciences PH 101, 102....................................... 4
- General Forestry FS 101.......................................... 4
- Systematic Botany BT 201........................................ 4
- Fundamentals of Speech CM 111.................................. 3
- Basic Surveying EN 215.......................................... 2
- Digital Computer Programming EN 104........................ 2
- Principles of Economics EC 201-202............................. 3
- Physical Education................................................ 1
- 15
- 15

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. Brief survey of plant and animal diversity. Emphasis areas include populations, pollution, ecology, genetics, and evolution.

B 101, 102, GENERAL BIOLOGY (3-2-4) (F/S) (Area III). A one-year sequence for non-biology majors. A study of plant and animal life with emphasis on structure, function, genetics, development, ecology, and evolution of these life forms. Interrelations to society are also discussed. (Students who have received credit for B 100, BT 130 or Z 130 may not also receive credit for B 101, 102.)

B 200 MAN AND THE ENVIRONMENT (3-0-3) (F/S). The impact of biological, economic, and social factors on man's environment are discussed. Participants become aware of important issues and factors involved in environmental decision making.

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 107 and Z 211-112 (or equivalent) or PERM/INST.

Upper Division

B 301 CELL BIOLOGY (3-0-3) (F/S). Structure and function prokaryotic and eukaryotic cells, cellular energetics and metabolism, mitochondria and chloroplasts, cell and organelle genetics, chromosome 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 (3-6-5) (F). A general survey of the field of bacteriology, techniques, cyology, taxonomy, growth, physiology, ecology, genetics, evolution, control, medical aspects and immunology. PREREQ: C 317, B 301, PERM/INST.

B 310 PATHOGENIC BACTERIOLOGY (2-6-6) (S). 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 (3-0-3) (F). A study of the principles of genetics as they relate to living organisms. PREREQ: B 301 or PERM/INST.

B 344 GENETICS LABORATORY (0-3-1) (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 (3-0-3) (S). Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanism of evolutionary change, adaptation, specialization, phylogeny. Genetics recommended. Offered alternate years. PREREQ: B 301 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 provides experience in identification and detection. PREREQ: B 301, PERM/INST.


B 416 APPLIED AND ENVIRONMENTAL MICROBIOLOGY LABORATORY (0-3-0) (S). Microbiological and biochemical methods of environmental assessment. Prior or concurrent enrollment in B 415. PREREQ: B 303, PERM/INST.

B 420 IMMUNOLOGY (3-0-3) (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 (3-0-3) (S). A survey of the physical factors of the environment and their effect of the mode on life and distribution of plants and animals. Environmental and biological interrelationships of organisms will be discussed. PREREQ: BT 130, Z 130, PERM/INST.

B 424 ECOLOGY LABORATORY (0-3-0) (S). Field and laboratory investigations into topics of physical habitats, populations, pollution, etc. Weekend field trips may be taken. Prior or concurrent enrollment in B 423 required.

B 486, 499 BIOLOGY SEMINAR (1-0-1) (F/S). A review of pertinent literature selected topics. Restricted to Senior Biology majors.

BT BOTANY

Lower Division

BT 115 MUSHROOMS OF IDAHO (2-0-2) (F). A survey of the fleshly fungi with emphasis on collecting and identifying species of Idaho mushrooms. Edible and poisonous species 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.

BT 201 SYSTEMATIC BOTANY (2-4-4) (S). The several systems of classification are discussed. Terms used in taxonomic literature must be mastered. Keys and manuals are used to identify collected specimens of local flora. Prerequisite: BT 130, PERM/INST.

Upper Division

BT 302 PLANT ANATOMY (2-4-3) (S). A study of the structure and development of vascular plants, tissues, organs, and organs. Emphasis will be placed on the Angiosperms. PREREQ: BT 130, B 301, PERM/INST.

BT 311 PLANT MORPHOLOGY (3-4-4) (F/S). 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 330 MYCOLOGY (3-3-4) (F). A study of the fungi with emphasis on their classification, morphology and development, identification, ecology, and economic significance. Laboratory work will include projects and field trips. Prerequisites: BT 130, 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.

FS FORESTY

Lower Division

FS 101 GENERAL FORESTRY (2-0-2) (S). A survey of forestry, timber management and economics, and the propagation of important trees of the United States.

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.

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

Z 130 GENERAL ZOOLOGY (3-6-5) (F/S) (Area III). Introductory study of animals. Fundamentals of structure, function, development, life cycles, diversity, heredity, evolution, and ecology.

Upper Division

Z 301 COMPARATIVE VERTEBRATE ANATOMY (2-6-4) (F). The evolutionary development of vertebrate anatomy, fishes through mammals. Dissection of the shark, salamander and cat plus demonstrations of other vertebrate types. PREREQ: Z 130, PERM/INST.
Z 305 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 collections required. Students should meet with instructor in the spring or summer before enrolling. PREREQ: Z 130 PERM/INST.

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

Z 310 ORNITHOLOGY (2-3-3) (S). Birds as examples of biological principles: classification, identification, behavior, life histories, and adaptations of birds. Two weekend field trips. Offered alternate years. PREREQ: Z 130, PERM/INST.

Z 314 VERTEBRATE EMBRYOLOGY (2-6-4) (S). Germ cell development, comparative patterns of cleavage and gastrulation, neurulation and induction, and development of human organ systems. Laboratory studies of frog, chick, and pig development. PREREQ: Z 130 PERM/INST.

Z 355 VERTEBRATE NATURAL HISTORY (2-6-4) (F). Classification, identification, evolution, ecological relationships, behavior, and life histories of fish, amphibians, reptiles, 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 whole mounts, and histochemical techniques. Offered alternate years. PREREQ: Z 130 PERM/INST.

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) (S). Functional aspects of human tissue and organ systems with emphasis on respiratory and homeostatic mechanisms. PREREQ: B 361, C 317, PERM/INST.

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

Z 411 ICHTHYOLOGY (3-3-4) (F). A survey of the fishes with emphasis on their taxonomic identification, morphology, physiology, ecology, and economic role. Offered alternate years. PREREQ: Z 355, PERM/INST.

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

DEPARTMENT OF CHEMISTRY

Science-Education Bldg., Rm. 315  Phone 208-385-3963

Chairman and Professors: Dalton, Banks, Carter, Ellis, Hibbs, Matjeka, Mercer, Peterson, Stark.

The Department of Chemistry offers Baccalaureate Degree programs in Chemistry to prepare students to:

- teach Chemistry in secondary schools
- enter a career in the Chemistry laboratory
- attend a graduate school in Chemistry or Biochemistry
- attend a professional school in medicine

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

REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:

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

1. General University and Baccalaureate Degree Requirements. See page 31.

   A. Chemistry

      College Chemistry C 131, 132, 133, 134 ........................................ 9
      Organic Chemistry C 317, 318, 319, 320 ........................................ 10
      Physical Chemistry C 321, 322, 323, 324 ......................................... 8
      Quantitative Analysis C 211, 212 ....................................................... 5
      Advanced Inorganic Chemistry C 401 .................................................. 3
      Instrumental Analysis C 411 ................................................................. 3
      Chemistry Seminar C 498, 499 .......................................................... 2
      Independent Study C 496 ........................................................................ 2

II. Second-Year Education Option

This degree program prepares the student to teach Chemistry in secondary schools.

1. General University and Baccalaureate Degree Requirements. See page 31.

2. Major Endorsement Requirements.

   A. Chemistry

      College Chemistry C 131, 132, 133, 134 ........................................... 9
      Quantitative Analysis C 211, 212 ......................................................... 5
      Organic Chemistry C 317, 318, 319, 320 ........................................... 10
      Physical Chemistry C 321, 322, 323, 324 ........................................... 8
      Additional Upper Division Courses ....................................................... 3

   B. Mathematics

      Completion of Mathematics through M 206 .......................................... 1

   C. Physics

      Physics Sequences PH 220, 221, 222, 223 ........................................... 11

3. Idaho Certification Requirements

   A. Foundation of Education TE 201 .......................................................... 3
   B. Education Exceptional Secondary Students TE 333 .......................... 3
   C. Educational Psychology P 325 ............................................................ 3
   D. Secondary School Science Methods TE 384 ........................................ 6
   E. Senior High School Student Teaching TE 483 ................................. 1
   F. The Senior High School TE 487 ......................................................... 1
   G. Reading in Content Subjects TE 307 ................................................. 3

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

(SUGGESTED PROGRAM)

FRESHMAN YEAR:

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<th>1st SEM</th>
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<tr>
<td>Mathematics M 111, 204</td>
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<tr>
<td>Degree Requirements</td>
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<tr>
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FOURTH SEMESTER:

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<td>3</td>
</tr>
<tr>
<td>College Chemistry C 131, 132, 133, 134</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics M 111, 204</td>
<td>5</td>
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<tr>
<td>Degree Requirements</td>
<td>3</td>
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<tr>
<td>Physics I PH 220</td>
<td>-</td>
</tr>
<tr>
<td>Overall Total</td>
<td>15</td>
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</tbody>
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[...]

College of Arts & Science
**SOPHOMORE YEAR:**
- Quantitative Analysis C 211, 212 [5 credits]
- Mathematics M 205, 206 [4 credits]
- Physics Lab I and II PH 223, 224 [1 credit]
- General Psychology P 101 [3 credits]
- Degree Requirements [6 credits]
- Foundations of Education TE 201 [3 credits]

**JUNIOR YEAR:**
- Physical Chemistry C 321, 322, 323, 324 [4 credits]
- Organic Chemistry C 317, 318, 319, 320 [5 credits]
- Educational Psychology P 325 [3 credits]
- Teaching Science in Secondary School C 305 [3 credits]
- Degree Requirements or Electives [2 credits]

**SENIOR YEAR:**
- Upper Division Chemistry Course [3 credits]
- Chemistry Seminar C 498, 499 [1 credit]
- Secondary School Methods TE 381 [3 credits]
- Senior High School Teaching TE 483 [8 credits]
- Educating Exceptional Secondary Students [3 credits]
- Degree Requirements and Degree Requirements or Electives [15 credits]

Students who do not have a Chemistry degree may be certified to teach Chemistry in secondary schools. Refer to page 96 of this Catalog where minor certification endorsements for teaching areas are listed in the Department of Teacher Education.

**C CHEMISTRY**

**Lower Division**
- **C 100 CONCEPTS OF CHEMISTRY (3-3-4) (Area III).** A descriptive nonmathematical 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 105 or C 133 may not receive credit for C 100.
- **C 103 PREPARATION FOR CHEMISTRY (0-3-1).** Lecture and recitations for students lacking necessary background for essentials of Chemistry. PREREQ: High School Chemistry or C 103 or concurrent enrollment in C 103. Concurrent enrollment in C 103 is required.
- **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 Science. Basic concepts of Inorganic and Organic Chemistry. PREREQ: High School Chemistry or C 103 or concurrent enrollment in C 103. Concurrent enrollment in C 103 is required.
- **C 108 LABORATORY FOR ESSENTIALS OF CHEMISTRY (0-3-1) (Area III).** The laboratory to accompany C 107. Concurrent enrollment in C 107 is required.
- **C 109 ESSENTIALS OF CHEMISTRY (3-3-3) (S,SU) (Area III).** A continuation of C 107 to include basic concepts of Biochemistry. PREREQ: C 107 and 108. Concurrent enrollment in C 107 is required.
- **C 110 LABORATORY FOR ESSENTIALS OF CHEMISTRY (0-6-2) (S,SU) (Area III).** The laboratory to accompany C 109. PREREQ: C 107. Concurrent enrollment in C 107 is required.
- **C 131 COLLEGE CHEMISTRY (3-0-3) (S,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 101 or 108. Concurrent enrollment in C 131 is required.
- **C 132 LABORATORY FOR COLLEGE CHEMISTRY (0-3-1) (S,SU) (Area III).** Laboratory work to accompany C 131. Concurrent enrollment in C 131 is required.
- **C 133 COLLEGE CHEMISTRY (3-3-3) (S,SU) (Area III).** A continuation of C 131 to include equilibrium, redox, and complexions. PREREQ: C 131, 132.
- **C 134 LABORATORY FOR COLLEGE CHEMISTRY (0-6-2) (S,SU) (Area III).** Laboratory work to accompany C 133. To include qualitative analysis. PREREQ: C 131, 132.
- **C 211 QUANTITATIVE CHEMISTRY (3-0-3) (Area III).** Study of the equilibrium relationships and mechanisms used in gravimetric, volumetric, and some instrumental analysis. PREREQ: C 131, 132, 133, 134.
- **C 212 QUANTITATIVE LABORATORY TECHNIQUE (0-6-2) (Area III).** 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 (3-0-3) (Area III).** An overview of Organic Chemistry covering the fundamental principles of nucleotide reactions, synthesis, mechanisms, stoichiometry, proteins and carbohydrates. Will fulfill the requirements for an elementary organic course and partially fulfill the requirement for a more rigorous course. PREREQ: C 131, 132, 133, 134. Concurrent credit enrollment in C 318 is required.
- **C 318 ORGANIC CHEMISTRY LECTURE (3-0-3) (Area III).** An in-depth study of organic reaction mechanisms, reaction theory, and advanced organic synthesis. PREREQ: C 317, 318.
- **C 319 ORGANIC CHEMISTRY LABORATORY (1-3-2) (Area III).** Basic organic laboratory techniques and simple organic syntheses. One three-hour laboratory and one hour of recitation per week. Concurrent enrollment in C 317 is required.
I. Departmental Core Requirements 20

2. Suggested Courses, as follows:

1. General University Requirements

2. Departmental Core Requirements 20

3. Suggested Courses, as follows:

A. Mass Communication: Concepts and Perspectives CM 171
   Intercultural Communication CM 351
   Organizational Communication CM 361
   Persuasion CM 412

B. Rhetorical Theories CM 321
   Message Analysis and Criticism CM 331
   Contemporary Public Communication CM 332

C. Reasoned Discourse CM 112
   Communication Activities CM 114-314
   Voice and Diction CM 121
   Public Speaking CM 231
   Oral Interpretation CM 241
   Reporting and Newswriting CM 273
   Applied Communication CM 312
   Communication Practicum CM 451
   Radio-TV Newwriting CM 471

D. Required Emphasis Area Courses:
   Mass Communication Concepts and Perspectives CM 171
   Intercultural Communication CM 351
   Organizational Communication CM 361
   Ethics, Law and Communication CM 461
   Persuasion CM 412
   Public Relations CM 478

C. Departmental Electives 7-17

5. Nine credits chosen from any of the following:

  Public Speaking CM 231
  Oral Interpretation CM 241
  Voice and Diction CM 121
  Listening CM 131
  Interviewing CM 307
  Fundamentals of Speech Communication CM 111
  Speech Communication for Teachers CM 311
  Communication Practicum CM 451
  Nonverbal Communication CM 341
  Communication in the Small Group CM 251
  Small Group Process CM 341
  Intercultural Communication CM 351

6. Suggested Extra-Departmental Elective Courses, as follows:

  A. With Journalism emphasis: Department requirements

  B. Reporting and Newswriting CM 273
     Photo Communication CM 277
     Communication Graphics CM 379
     Communication Practicum CM 372

  C. Critical Writing CM 474
     Feature Writing CM 473
     Public Relations CM 478

Special area emphasis may be selected from the following programs:
this must include a minimum of 9 credit hours in one area:

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

OR any other program listed on page 35 of BSU Catalog (under Baccalaureate Degree Programs).

COMBINED MAJOR

COMMUNICATION — ENGLISH

A. With Journalism emphasis: Department requirements

COMMUNICATION

Introduction to Communication Studies CM 115
Perspectives on Inquiry CM 201
Communication Laboratory CM 116, 216
Interpersonal Communication CM 221
Rhetorical Theories CM 321
Perspectives on Communication CM 421
Communication Electives (Upper Division)

ENGLISH

*Literature Survey
**Composition above the basic sequence
Introduction to Language Study LI 305
*Literature Electives (Upper Division)

(Add Senior Seminar - Either CM 498 3 hours or E 498 - 2 hours) Total
hours: 56 (27 and 27 and 2)

*British or American. Students should consider Upper Division courses they want to take.
**To be chosen from Advanced Expository Composition (E 201), the Creative Writing
sequence or technical writing.

*3 hours in courses before 1800.
college of arts & science

b. with communication emphasis: department requirements

communication

introduction to communication studies cm 115 ........................................ 2
perspectives on inquiry cm 201 ...................................................... 3
interpersonal communication cm 221 ........................................... 3
rhetorical theories cm 321 ........................................................... 3
organizational communication cm 361 .......................................... 3
perspectives on communication cm 421 ........................................ 3
electives (upper division) ............................................................ 10

english

*literature survey ................................................................. 6
humanities hu 207, 208 ............................................................ 3
**advanced writing and linguistics ......................................... 9
electives (upper division) ........................................................ 9

in reference to electives:

1. if a student does not elect another humanities course (either hu 207 or 208), then he or she should take 9 additional upper division courses in each department.
2. if a student elects the extra 3 hours in humanities (either hu 207 or 208), then he would take 6 upper division hours in communication or english and 9 upper division hours in the other department. (add senior seminar - either cm 498 - 3 hours or e 498 - 2 hours) total hours: 56 (27 and 27 and 2) or 57 (27 and 27 and 3).

course offerings

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, fallacies of arguments and various systems of reasoning. preparation for and participation in activities designed to apply the principles of logical reasoning in the public forum.

cm 114 communication activities (1-0-1). preparation for and participation in communication activities: intercollegiate debate competition, individual speaking, or community speaking activities. prerequisite: permission of the instructor. cm 114 and cm 314 may be repeated for a total of eight credits, not more than four of which may be applied toward the degree in communication.

cm 115 introduction to communication studies (2-0-2). dimensions of human communication, historical and contemporary concepts, communication degree programs, and career opportunities.

cm 116 communication laboratory (1-1-2). an experimental probe into human communication through participation in practical applications of concepts, communication requirements, and technologies. prerequisite: cm 115 may not be taken concurrently with cm 216, 316 or 415.

cm 121 voice and diction (3-0-3). study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in the production of speech. an investigation of the student's individual speech problems.

cm 122 introduction to manual english (3-0-3). an introduction to manual english sign system with emphasis placed on initial skills and on finger spelling, sign vocabulary and total communication. history and rationale will be covered.

cm 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) (fs) a survey of communication theory as related to current practice of the mass media. emphasis is placed on the examination of the consumer of mass communication.

cm 201 perspectives of inquiry (3.0-3). the nature, sources and tests of knowledge; various views of theories, theory building, models, and the nature of inquiry. prerequisite: e 102, cm 115 or perm inst.

cm 216 communication laboratory (v-v-4). participation in a community in which students form their own economy, government, and produce and consume communication products and services. development of and participation in workshops and short courses. may be repeated for a total of 4 credits. prerequisites: cm 115, cm 116. may not be taken concurrently with cm 116, 316, 416.

cm 221 interpersonal communication (3-0-3). an examination of the nature of human communication. focuses on interpersonal relations through experiential 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 news writing (3-0-3). fundamentals of reporting, fear 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 copyright symbols. prerequisite: e 102 and ability to use typewriter or perm of instructor.

cm 277 photo communication (2-2-3) (f). photography as means of communication. includes the planning and production of photography for publication and broadcasts. prerequisite: ar 251 or perm inst.

upper division

cm 301 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. crosslisted as cn 300 for credit in the canadian studies minor.

cm 302 research methods (3.0-3) (fs). historical, critical, descriptive, and experimental research methods and tools in communication. students design, conduct, report, and evaluate research projects.

cm 307 interviewing (3-0-3). communication behavior in two-person situations. practical experience in various types of interviews as confronted in business, 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 (3-3-0). an analysis of basic principles of communication to real-life situations involving business and community problems and issues. prerequisite: cm 111.

cm 314 communication activities (1-0-1). preparation for and participation in communication activities: intercollegiate debate competition, individual speaking or community speaking activities. prerequisite: perm inst. cm 314 and cm 341 may be repeated for a total of eight credits, not more than four of which may be applied toward the degree in communication.

cm 316 communication laboratory (v-v-4). participation in a community in which students form their own economy, government, and produce and consume communication products and services. development of and participation in workshops and short courses. may be repeated for a total of 4 credits. prerequisites: cm 115, cm 116. may not be taken concurrently with cm 116, 216, 416.

cm 321 rhetorical theories (3.0-3). an examination of theories concerning the complexity of interaction among ideas, messages, and men, including analysis of various message strategies.

cm 322 intermediate manual english (3.0-3) (s). a continuation in building skills, vocabulary, and expressive signing techniques. a refining of abilities in communication will be stressed. techniques for using a total communication with the deaf will be expanded to cover educational and social situations. prerequisite: cm 122.

cm 331 message analysis and criticism (3.0-3). an evaluation of methods of analyzing and criticizing messages and their application to making critical appraisals of public communication.

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

cm 341 nonverbal communication (3-0-3). an examination of the function of non-verbal behavior codes in communication.

cm 351 intercultural communication (3-0-3). an analysis of societal and cultural influences on interpersonal communication. a critical examination of communication within and across cultural 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 with in the formal organization. theories and problems of human communication within and between organizations.

cm 372 journalistic communication practicum (var 1 to 4). designed for students who seek professional experience and professional careers. offers students training with professionals in the field. prerequisite: perm inst. may be repeated for a total of four hours.

cm 379 communication graphics (3-3-3). theory and practice of graphic design and production of mass media products. an exploration of the communication effects of typetaces, paper, design, layout, printed and electronic images. prerequisite: ar 108.

cm 401 methods of teaching communication (3-0-3). analysis and planning of 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 (v-v-v or 2). involvement in a community to practice and refine communication skills, e.g., leadership, organization, advisory, research, and evaluation. prerequisite: cm 216 or cm 316. may be repeated for a total of 2 credits.

cm 421 perspectives on communication (3-0-3) (f). a survey of contemporary theories and theorists of communication. prerequisite: cm 201.

cm 431 small group process (3-0-3) (s). 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 any area of special interest to the student. may be repeated for a total of four credits.

cm 461 ethics, law and communication (3-0-3) (s). study of the laws and ethics related to communication. prerequisite: upper division standing.

cm 471 radio-television newswriting (2-2-2). practical writing radio-television news, including timing and arrangement of material, adding script to film, techniques for condensing stories and deciding the importance of story material. prerequisite: cm 273 or perm inst.
CM 473 FEATURE WRITING (3-0-3). Non-fiction writing of features for 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 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 ENGLISH

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

Chairman and Professor: Dr. Charles G. Davis; Professors: Boyer, Martin, Sahni, Willis; Associate Professors: Leahy, Maguire, Peek, Trusky, Widmayer; Assistant Professors: Ackley, Brunner, Bumstead, Cottis, Dayley, Evett, Fox, Gildford, Hadden, King, Lojek, McGuire, Nickerson, Papinchak, Rinnert, Sanderson, Selander, Thomas, Warner; Emeritus: Chatterton, Hatch and E. Wallace.

ENGLISH MAJOR

Bachelor of Arts Degree

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

2. Completion of Departmental Option

a. Liberal Arts Option

1) Completion of Departmental Core

   a) Specific Courses
   - Survey of British literature E 240 and E 260 6
   - Shakespeare E 345, 346 3
   - Introduction to Language Studies LI 305 3
   - History of Literary Criticism E 393 3
   - Senior Seminar E 498 2

   b) Area Requirements
   - American Literature E 271, 272, 378, 384 3
   - Pre-1800 Brit Lit E 340,341,347,348,350,351,355,357,359 6

   2) Competence in a Foreign Language equivalent to two years of University Instruction.

   3) History of the English Language LI 309 3

   4) Upper Division English Electives 15

b. Option 7-9 (Senior High)

   a) Specific Courses
   - Writing E 201, 401 (instead of E 393) 3
   - Language LI 309 and 307 or 405 6
   - Methods 301 and 381 or TE 358 6
   - Speech 3
   - Literature for use in Junior and Senior High School E 481 3
   - Upper Division English Electives 9
   - Western World Literature E 230 3
   - Idaho Certification Requirements 3

   b) Option 10-12 (Senior High)

   a) Specific Courses
   - Language LI 307 and 309 or 405 6
   - Methods E 301 and 381 or TE 358 6
   - Speech 3
   - Advanced Writing E 201,305, 306, 401 3
   - Upper Division English Electives 9
   - Western World Literature E 230 3
   - Idaho Certification Requirements 3

   c. Option 7-12 (composite)

   a) Specific Courses
   - Language LI 309 and 307 or 405 6
   - Methods E 301 and 381 or TE 358 6
   - Speech 3

   b. Area Requirements

   1) Specific Courses
   - Shakespeare, E 345 or E 346 3
   - History of Literary Criticism E 393 3
   - Medieval Epics & Romance, E 341 3
   - Shakespeare, E 345 or 346 3
   - Folktale, E 390 3
   - History of Literary Criticism E 393 3
   - Senior Seminar, E 498 2

   2) Area Requirements

   a) Specific Courses
   - Survey of British literature E 240, 260 6
   - Shakespeare, E 345 or 346 3
   - Senior Seminar, E 498 2

   b) Area Requirements

   - Pre-1800 British Lit courses numbered E 340-369 6
   - Post-1800 British Lit courses numbered E 360-369 6
   - Electives in British or American Literature (15 UD) 12
   - British History, HY 311,312,338 or 432 6

   3) General Option, Linguistics Emphasis

   a) 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 3
   - ESL Internship E 493 3
   - Senior Seminar E 498 2

   b) Area Requirements

   - Old or Middle Eng Lit or Lang (i.e., E 340) or foreign Lit read in original language 6
   - Electives in literature lower or upper division 15
   - Upper division electives in Lit (12 British Lit) 15
   - One year of a Foreign Language 6
   - A second year of a foreign language 6
   - Cultural Anthropology, AN 102 (Area II core) 3

   c. General Option, World Literature Emphasis

   a) Specific Courses

   - Far Eastern Literature E 215 3
   - Western World Literature E 230,235 6
   - 19th & 20th Cent Continental Lit E 336,338 6
   - Medieval Epics & Romance, E 341 3
   - Shakespeare, E 345 or 346 3
   - Folktale, E 390 3
   - History of Literary Criticism E 393 3
   - Senior Seminar, E 498 2

   b) Area Requirements

   - World Lit — E 211,213,217,240,260,271 or 272 6
   - English Lit courses from E 340-369 9
   - Upper Div electives in Lit or Linguistics 9
   - World Drama, TA 341,342,343, or 445 3
   - History, other than US or British 6
k. General Option, Writing Emphasis

1) Specific courses:
   - Advanced Expository Comp. E 201 ........................................... 3
   - Technical Writing, E 202 .................................................... 3
   - Advanced Writing, E 401 .................................................... 3
   - Writing Internship, E 493 .................................................. 1
   - Senior Seminar, E 498 ..................................................... 2

2) Area Requirements:
   - Creative Writing, E 205, 206, 305, or 306 ................................ 6
   - Linguistics LI 305, 307, 309 or 405 ..................................... 6
   - Lower Div. Lit. electives, not to exceed 15 credits ................. 3-9
   - British Lit courses numbered from E 340-369 ......................... 15
   - UD Electives in Lit or Linguistics ........................................ 3-9
   - Electives CM 471, 473, 474, HY 210, P 341 or PY 247 .......... 9

Minor Endorsement: English

- Advanced Composition ....................................................... 3
- Linguistics .............................................................................. 3
- E 301, 381 ............................................................................ 3
- Survey of American Literature E 271, 272 ............................... 3
- Lower Division Literature ...................................................... 6
- Upper Division Literature ...................................................... 3
- Successful completion of departmental competency exam ........... 1

To be selected from World literature, E 230, 235; British Literature, E 240, 260; Far Eastern Literature, E 215.

THEATRE ARTS MINOR FOR ENGLISH

Tech Theatre (basic set and construction) TA 117 ...................... 4
Tech Theatre (basic set design, painting, lighting) TA 118 ......... 4
Acting TA 215 .............................................................................
Major Production Participation TA 331 .................................... 3

One of the following:

- Stage Voice TA 233 .................................................................
- World Drama, 500 B.C. to 1570 TA 341 ............................... 3
- World Drama, 1570 to 1870 TA 342 ..................................... 3
- World Drama, 1870 to 1960 TA 343 ..................................... 3
- Contemporary Theatre TA 445 ............................................. 3
- Directing TA 481 .....................................................................

COURSES APPLYING TO BOTH DISCIPLINES

One of the following:

- Shakespeare’s 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 — 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 page 44 under the Department of Communication for the list of requirements.

COURSE OFFERINGS

E 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 below 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 (1-2-0). 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 TWSE score is below 20th centile. Also for basic review. Successful completion of competency test required. PREREQ: ACT score 20 or S in Developmental Writing.

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

E 111, 112 HONORS COMPOSITION (3-0-3) (CORE). Provides superior student challenge emphasizing individual study and original writing. Introduction to critical reading and study of ideas through literature. Honors 111 concentrates on lyric, poetry, essays, and short fiction. Non-remedial required. ACT of 30 or equivalent. Successful completion of competency test required. PREREQ: E 111 or PERM/CSFM for E 112.

E 120 ENGLISH AS A SECOND LANGUAGE (5-0-3)(F/S). Basic skills in American pronunciation, sequence 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 PERM/INST. Credit not to be 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 PERM/INST. The sequence E 122-123 satisfies the E 101 requirement for foreign students.

E 123 ADVANCED ENGLISH COMPOSITION FOR FOREIGN STUDENTS (5-0-3)(F/S). Study of and practice in the principles of formal and informal written English; principles of the essay and paragraph. Continuation of E 120. 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 view film or television versions and hear recorded renditions of some of the works read. PREREQ: Successful completion of E 101 or equivalent.

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 English Composition. Students examine specimens of professional writing as well as criticizing the work of other students. Extensive writing practice stressing organization, clarity and effectiveness. PREREQ: E 102 or PERM/CSFM.

E 202 TECHNICAL WRITING (3-0-3)(F/S). Practice in writing the main kinds of reports used in business, science, social sciences, health sciences and other fields. Students will improve the logic, organization and persuasiveness of their writing. Will not fulfill Area I requirements. PREREQ: E 102 or PERM/CSFM.

E 205 CREATIVE WRITING - Poetry (3-0-3)(F). PREREQ: PERM/CSFM based on evaluation of student’s original work. May be repeated for nine credit hours.

E 206 CREATIVE WRITING - FICTION (3-0-3)(S). Introduction to fiction writing with a concentration on descriptive technique. Readings in the short story.


E 213 AFRO-AMERICAN LITERATURE (3-0-3)(F). The Black experience as reflected in the development of Black American literature. The sequence E 212-213 satisfies the Area I requirement for students who have qualified scores on TOEFL.

E 214 Introduction to literature of the present day. 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 written literature. The content, form and style of oral narratives and the functions to which these narratives serve in preliterate societies receive particular emphasis. PREREQ: E 102.

E 220 WORLD LITERATURE (3-0-3)(F). Introduction to writings of the great minds in the Western tradition which have shaped our cultural and literary past and present. Readings include selections from the cultures of Greece, Imperial Rome, medieval Europe and Renaissance Europe. PREREQ: E 102.

E 225 WESTERN WORLD LITERATURE (3-0-3)(S). An introduction to the Western literary tradition as it has developed during the last four centuries. Attention will be paid to the way in which the older values and attitudes are challenged by the new spirit of scepticism and rebellion. PREREQ: E 102.

E 240 SURVEY OF BRITISH LITERATURE TO 1790 (3-0-3)(F). Examines the dominant cultural movements and literary forms in England from the middle ages through the 18th century. PREREQ: E 102.

E 250 SURVEY OF BRITISH LITERATURE: 1790 TO PRESENT (3-0-3)(F). The reflections of social and cultural changes in the poetry and prose of Romantic, Victorian and modern English. PREREQ: E 102.

E 271 SURVEY OF AMERICAN LITERATURE: Beginnings to Civil War (3-0-3)(F). This course traces the arsile, philisocial, 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). This course traces the continued development of American Literary thought as revealed in the works of such authors as Twain, James, Hemingway, Eliot, and Faulkner. PREREQ: E 102.

Upper Division

E 301 TEACHING ENGLISH COMPOSITION (3-0-3)(F). 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 other aspects of the total English program. Limited to teachers, students with a secondary option and a concentration in English, or consent of the department. PREREQ: Upper Division standing, and LI 305. Introduction to Language Studies, or inservice teaching.
E 305 CREATIVE WRITING - ADVANCED POETRY (3-0-3)(S). PREREQ: E 20 or PERM/CHMN based on evaluation of student's work. May be repeated for nine credit hours.


E 336 NINETEENTH-CENTURY CONTINENTAL LITERATURE (3-0-3)(S). Major European writers in the 19th century in translation. Reading maintains a chronological approach stressing the relationship of the literature to the socio-economic and political conditions of the times. Works of Schiller, Goethe, Stendhal, Dostoevsky, and others are included. PREREQ: E 102 or PERM/CHMN. Alternate years. Offered 1984/1985.

E 337 TWENTIETH-CENTURY CONTINENTAL LITERATURE (3-0-3)(S). Twentieth century philosophical and cultural themes are emphasized in the reading. Includes works by Mann, Brecht, Kafka, Hesse, Camus and Sartre. Also examines mythological, existential, religious, and political themes in relation to contemporary human values. PREREQ: E 102 or PERM/CHMN. Alternate years. Offered 1984/1985.


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 such as The Taming of the Shrew, A Midsummer Night's Dream, As You Like It, Twelfth Night, and the Tempest. PREREQ: Three credits literature or PERM/CHMN.


E 349 ELIZABETHAN AND JACOBEAN DRAMA (3-0-3)(F/S). Tragic and comic plays by Shakespeare's contemporaries such as Kyd, Marlowe, Jonson, T. Heywood, Webster, and Peele. PREREQ: Three credits of literature or PERM/CHMN. Alternate years. Offered 1984/1985.

E 350 SEVENTEENTH CENTURY POETRY AND PROSE (3-0-3)(S). The works of English authors 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 of literature or PERM/CHMN. Alternate years. Offered 1984/1985.


E 355 VICTORIAN POETRY (3-0-3)(S). Readings in Tennyson, Browning, Arnold, and others. Their poems are the sometimes same, sometimes changing results of trying to find and keep artistic and moral hope amidst the difficult and unhealthy times. PREREQ: Three credits literature or PERM/CHMN.

E 356 VICTORIAN PROSE (3-0-3)(S). Great prose stylists, including Carlyle, Arnold, Newman, Ruskin, and others, bringing into focus the changes over issues and life with the development from industrialism to mysticism, their purposes from amusement to reformation. PREREQ: Three credits literature or PERM/CHM. Alternate years. Offered 1982/1983.


E 360 BRITISH ROMANTIC POETRY AND PROSE (3-0-3)(F). Readings in Blake, Wordsworth, Coleridge, Byron, Shelley, Keats, and others. These Romantics provide a fresh pattern of an emotional and intellectual response to nature and our place in it. PREREQ: Three credits of literature or PERM/CHMN.

E 361 VICTORIAN POETRY (3-0-3)(S). Readings in Tennyson, Browning, Arnold, and others. Their poems are the same, sometimes changing results of trying to find and keep artistic and moral hope amidst the difficult and unhealthy times. PREREQ: Three credits literature or PERM/CHMN.

E 362 VICTORIAN PROSE (3-0-3)(S). Great prose stylists, including Carlyle, Arnold, Newman, Ruskin, and others, bringing into focus the changes over issues and life with the development from industrialism to mysticism, their purposes from amusement to reformation. PREREQ: Three credits literature or PERM/CHM. Alternate years. Offered 1982/1983.

E 363 AMERICAN RENAISSANCE (3-0-3)(F). A study of the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, and Thoreau, and such major writers under the influence of Portier. Romantic and transcendental idealism, the first universal vision of human experience to appear in American literature. PREREQ: Three credits of literature or PERM/CHMN.

E 367 AMERICAN REALISM (3-0-3)(F). American literature from the Civil War to World War I. Mark Twain, Stephen Crane, Henry James, W.O. Hödl, Kate Chopin, and others. 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 literature or PERM/CHMN.

E 381 METHODS OF TEACHING SECONDARY SCHOOL ENGLISH (3-0-3)(F). Study of the teaching of English as a second language to young adolescent and adult students. PREREQ: Three credits literature or PERM/CHMN.
4) Master of Science in Education, Earth Science emphasis. Nondegree course offerings in Geography meet the 15 credit requirement under the 30-15-15 Social Sciences Secondary Education Degree Program offered in the Departments of Economics, History, Political Science, and Societal and Urban Studies.

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

The program leading to the BS degree in Geophysics is designed for students who would like a career in Geophysics or who plan to attend graduate school. The curriculum offers a broad background of courses in Geology, Math, 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.

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

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

GEOLGY MAJOR
Bachelor of Science Degree
1. Geology Major: General University and BS Degree Requirements. See pages 29-31 for Graduation Requirements.

2. Major Requirements:
   a. Geology and Geophysics: 53
      - Physical Geology GO 101: 4
      - Historical Geology GO 103: 4
      - Mineralogy GO 221: 3
      - Field Geology GO 280: 3
      - Igneous & Metamorphic Petrology GO 323: 3
      - Igneous & Metamorphic Petrography GO 324: 3
      - Sedimentology GO 311: 3
      - Stratigraphy GO 312: 3
      - Geomorphology GO 313: 3
      - Structural Geology GO 314: 3
      - Invertebrate Paleontology GO 351: 3
      - Advanced Field Geology GO 480 or Summer Field Camp: 4-6
      - Senior Thesis GO 495: 1
      - Senior Seminar GO 496 or 499: 1
      - Geology Electives: 10
   b. College Chemistry C 131, 132, 133, 134: 9
   c. General Physics PH 101-102 or Physics I and II or III with labs PH 220-224: 7-11
   d. Mathematics through M 205* or 212: 10-15
   e. Cartography GO 220 or Surveying EN 215: 3-2
   f. Recommended Electives: 15
      - Area I, Foreign Language (201 or higher)
      - Area II, Economics, Geography
      - Area III, Physical Chemistry, Mathematics, Biology

*See alternate courses under requirements.

EARTH SCIENCE EDUCATION MAJOR
(Bachelor of Science Requirements)
1. General Education and Baccalaureate Degree Requirements: See pages 29-31 for Graduation Requirements.

2. Major Requirements
   a. Geology: 30
      - Physical Geology: 4
      - Historical Geology: 4
      - Introduction to Ocean Geology: 3
      - Meteorology: 3
      - Geology Seminar: 1
      - Geomorphology Electives: 3-6
      - Geology electives to total 30 credits.
   b. College Chemistry: 9
   c. General Physics or General Biology: 8
   d. Mathematics through M 204: 10
   e. Astronomy: 4
   f. Recommended Electives: 6-8

3. Education Requirements (See page 99) 25-30
   - Foundations of Education: 3
   - Educational Psychology: 3
   - Secondary School Methods: 3
   - Secondary Student Teaching: 9-14
   - Educating the Exceptional Student TE 333: 3
   - Reading in Content Subject TE 307: 3
   - Teaching Science in Secondary Schools GS 305: 3

EARTH SCIENCE EDUCATION MAJOR
(Suggested Program)

FRESHMAN YEAR:

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<tr>
<th>Course</th>
<th>1st SEM</th>
<th>2nd SEM</th>
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<tr>
<td>College Chemistry (C 131, 132, 133, 134)</td>
<td>4</td>
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<td>English Composition (E 101, and 102)</td>
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<td>Physical Geology GO 101</td>
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<td>4</td>
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<tr>
<td>Historical Geology GO 103</td>
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<td>Calculus and Trigonometry (M 111)</td>
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JUNIOR YEAR:

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<tr>
<td>Cartography (GG 220)*</td>
<td>3</td>
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<tr>
<td>Mineralogy (GO 221)</td>
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<tr>
<td>Ig. &amp; Met Petrology (GO 323)</td>
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<td>Field Geology (GO 280)</td>
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<td>Physics (PH 101-102)*</td>
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<tr>
<td>Calculus &amp; Analytic Geometry (M 205)*</td>
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<td>Area I &amp; II Electives</td>
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SENIOR YEAR:

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<th>Course</th>
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<tbody>
<tr>
<td>Structural Geology GO 314</td>
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<tr>
<td>Sedimentology GO 311</td>
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<td>3</td>
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<tr>
<td>Stratigraphy GO 315</td>
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<td>Geomorphology GO 313</td>
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<tr>
<td>Geophysics (GP 301) or (GP 325)</td>
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<tr>
<td>Electives (Area I &amp; II)</td>
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<tr>
<td>Upper Division Geology &amp; Geophysics Electives</td>
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<tr>
<td>Invertebrate Paleontology GO 351</td>
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</tbody>
</table>

*See alternate courses under requirements.
SOPHOMORE YEAR:
- Foundations of Education 3
- Geography 4
- General Physics or General Biology 4
- Intro to Ocean Geology 3
- Meteorology 4
- General Psychology 3
- Degree Requirements 6
- Astronomy 4

JUNIOR YEAR:
- Upper Division Geology 4
- Degree Requirements 6
- Upper Division Electives 7
- Geomorphology 3

SENIOR YEAR:
- Educational Psychology 3
- Upper Division Geology 6
- Seminar 1
- Secondary School Methods 3
- Student Teaching 9-14
- Education Requirements 3
- Education Requirements 6
- Education Requirements 2

GEOPHYSICS MAJOR
(Bachelor of Science Requirements)

1. General University and BS Degree Requirements
2. Major Requirements:
   a. Geophysics
      - Introduction to Applied Geophysics GP 301 16
      - Physics of the Earth GP 325 3
      - Applied Geophysics I & II GP 451, 452 10
   b. Geology
      - Physical Geology GO 101 4
      - Historical Geology GO 103 4
      - Mineralogy GO 221 3
      - Igneous & Metamorphic Petrology GO 323 3
      - Stratigraphy GO 312 3
      - Structural Geology GO 314 3
      - Advanced Field Geology GO 480 or Summer Field Camp 4-6
   c. Chemistry
      - College Chemistry C 131, 132, 133, 134 9
   d. Physics
      - Physics I, II and III with Labs 223, 224 11
      - Electricity and Magnetism PH 381 3
      - (Numerical Analysis M 340 may be taken in place of PH 381) 13
   e. Mathematics
      - Calculus & Analytic Geometry M 204, 205, 206 19
      - Vector Analysis M 320 and Differential Equations M 331 5
      - Digital Computer Programming M 124 or EN 104 2
   f. Unrestricted Electives
      - Recommended:
        - Physics PH 301, 382
        - Engineering EN 221, 223
        - Geology GO 403, 412, 421, 431

GO GEOLOGY

COURSE OFFERINGS

LEARN more about Geosciences programs at
www.geology.uidaho.edu

SOPHOMORE YEAR:
- Calculus & Anal. Geometry M 206 4
- Mathematics M 320, M 331 3
- Physics II & III PH 221, 222 3
- Physics Lab PH 223, 224 1
- Mineralogy GO 221 3
- Igneous & Met. Petrology GO 323 3
- Igneous & Met. Petrography GO 324 1
- Area I & II Requirements 6

JUNIOR YEAR:
- Structural Geology GO 314 3
- Stratigraphy GO 312 3
- Physics of the Earth GP 325 3
- Area I & II Requirements 9
- Intro Applied Geophysics GP 301 3
- Unrestricted Electives 6

SENIOR YEAR:
- Applied Geophysics I & II GP 451, 452 5
- Field Geology GO 480 4
- Electricity & Magnetism PH 381 3
- Unrestricted Electives 6
- Area I & II Requirements 3

COLLEGE OF ARTS & SCIENCE

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, mineralogy, soils, and 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, landslides, 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. Prefall 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)(F/S). 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 (3-0-3) (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 gem areas and current problems in natural resource products. PREREQ: GO 103 or PERM/INST.

GO 201 INTRODUCTION TO OCEAN GEOLOGY (3-2-3)(F). A general study of the physiography, the structures, and the sediment of the ocean floors and the geologic processes and environments represented thereby. Methods and instruments of ocean floor investigation are studied. PREREQ: GO 103.

GO 213 INTRODUCTION TO METEOROLOGY (3-2-3)(F). 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 minerals and their relationship to geologic environments. The laboratory work includes the study of crystal models as well as hand specimens of 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 identification of minerals, and the study of optical properties. PREREQ: GO 221.

GO 230 GEOPHYSICAL METHODS OF PROSPECTING (3-2-3)(F). Overview of geophysical methods. Evolution, taxonomy and description of important rock groups stressed. Laboratory work includes the study of rock samples, maps, and textural analysis. PREREQ: GO 221.

GO 231 PRINCIPLES OF PALEONTOLOGY (3-3-3)(F). A study of fossil history and geologic environments. Examination of fossils in mineral deposits, and description of important fossils groups studied. Laboratory work includes the study of fossil collections and museum methods. Term paper or project.

GO 280 FIELD GEOLOGY (1-3-3)(F). A study of the stratigraphy of the United States and the theory and application of the principles of stratigraphy. Field trips to fossil beds are made, interpreting one area of moderate complexity and regional significance. Two weekend field trips required. PREREQ: GO 101, 103, 110. COREQ: M 111.

Upper Division

GO 311 SEDIMENTOLOGY (3-3-3)(F). A study of the classification of sedimentary rocks and processes involved in their genesis. Major headings are weathering, erosion, transportation, deposition, and diagenesis. Geologic environments of each process and each rock type are studied. Field methods and techniques are stressed, laboratory work consists of compositional and textual analysis. PREREQ: GO 251.
GO 312 STRATIGRAPHY (3-0-3)(F). Field trips required. The study of sedimentary rocks with chronology as its special aim. Emphasis is placed on genetic environments, nature of sequences of formations and facies, and correlation techniques. The classification and dating of sedimentary units is the result. PREREQ: GO 311.

GO 313 GEOMORPHOLOGY (3-0-3)(F). Field trips required. A study of the external physiographic features of the earth's surface such as mountains, valleys, lakes, and rivers and the processes by which they are formed and changed. Laboratory work consists of map studies and laboratory determinations. PREREQ: GO 103, E 102.

GO 314 STRUCTURAL GEOLOGY (3-2-3)(F). Field trips required. A study of the description and classification of fundamental deformational features in rocks of the earth's crust and the theoretical and mechanical explanations of their origin. Lab problems in 3-dimensional visualization, geometric analysis, and solution of structural problems, utilizing maps and cross-sections. PREREQ: GO 101, M 111, GO 221.

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, structural and geophysical characteristics, and their relationship to the various rocks and their tectonic affiliations. PREREQ: GO 221, COREQ: GO 222.

GO 324 IGNEOUS AND METAMORPHIC PETROGRAPHY (3-1-3)(F). The study of igneous and metamorphic rocks in thin section by means of the polarizing microscope. A systematic survey of the classes of igneous and metamorphic rocks and their origin from history and the:...and behavior as related to the points of view. Sections of GO 323 and GO 324 may be substituted for GO 480 upon approval by a committee of three department faculty members. A problem must be well-stated and the method of study designed to give a conclusive result. Project work may be based on field and/or literature research. GO 493 SENIOR THESIS (4-6 credits). Field study involving an original investigation in geology and may include petrographic laboratory work in addition to field work. Map and accompanying reports will be of professional quality. Field work on most weekends is required. PREREQ: GO 280, GO 314, GO 323.

GO 431 PETROLEUM GEOLOGY (2-3-3)(S). (Field trips) required. The study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation, and origin of petroleum, the geologic conditions that determine its migration, accumulation, and origin of petroleum, and the economic and petroleum industries as 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: GO 101, PERM/INST.

GO 421 ORE DEPOSITS (3-0-3)(F). (Field trips required). Genesis, structure, associations and classification of mineral deposits. Discussion of modern theories of ore deposition, origin, and migration of mineral deposits, and the processes of alteration, and secondary enrichment. PREREQ: GO 221, 314.

GO 422 EXPLORATION AND MINING GEOLOGY (3-0-3)(F). (Field trips required). The course emphasizes geologic engineering, and economic factors as they relate to exploring for and developing mineral deposits. The philosophy and methodology of systematically exploring and preparing data pertinent to exploration and development are also studied. Field trips required.

GO 431 PETROLEUM GEOLOGY (3-2-3)(S). (Field trips) (Odd years). A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation, and petroleum exploration. PREREQ: GO 311, 314.

GO 460 VOLCANOLOGY (2-0-2)(F). (Field trip) (Odd years). A study of volcanic processes and the deposits of volcanic eruptions. An in-depth review of the generation, nature, and characteristics of volcanic rocks and vent structures produced. Field and petrographic characteristics of various volcanic deposits as well as their volcanotectonic relationships will be emphasized. PREREQ: GO 323.

GO 471 REGIONAL FIELD STUDY AND REPORT WRITING (1-0-2)(F). Extensive field trip over spring semester break to study the geology of classic locales in the western United States. Course will require assembly of pertinent geological maps and literature, recording of geologic observations, and preparation of a comprehensive report on the geology of areas visited. PREREQ: Upper division standing or PERM/INST.

GO 480 ADVANCED FIELD GEOLOGY (4-4-3). Field geologic relationships. Large scale mapping will emphasize solution of problems of significance in economic or engineering geology and may include petrographic laboratory work in addition to field work. Map and accompanying reports will be of professional quality. Field work on most weekends is required. PREREQ: GO 280, GO 314, GO 323.

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. Project work may be substituted for GO 480 upon approval by a committee of three department faculty members of a written proposal. 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: Geol- ogy major or Earth Science Education major.

GG GEOGRAPHY

GG 101 INTRODUCTION TO GEOGRAPHY (3-0-3)(F/S) (Area II). A comprehensive survey of various environments of man in a study of regional and world environments. Basic concepts and techniques used in geography and the utilization of natural resources are introduced.

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

GG 201 THE USE AND INTERPRETATION OF MAPS (3-0-3)(F/S). An intensive use and interpretation of a wide spectrum of maps, their advantages and limitations for students of various fields, such as Archaeology, History, Geography and Teaching.

GG 220 CARTOGRAPHY (1-6-3)(F). A study of the methods, concepts, techniques and instrumentation of map construction, cartographic and graphical presentation of data, introduction to topological problems, map projections, and computer applications. Aerial photographs are discussed.

GG 227 GEOGRAPHY OF IODINE AND THE PACIFIC NORTHWEST (3-0-3)(F). Physical and cultural geography of the Pacific Northwest with emphasis on map compilation and graphic presentation of data. Descriptions of environmental problems, computer mapping, and aerial photographs are discussed.

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, and processes of human interactions in these regions. PREREQ: GG 101, PERM/INST.

GG 241 GEOGRAPHY OF AFRICA AND THE FAR EAST (3-0-3)(F/S). 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). The course explores the changing physical and cultural landscapes of the United States through time and space analysis of the various regions. Included is the study of the distribution and relationships between peoples, land and resources. PREREQ: GO 102, PERM/INST.

GG 311 WORLD ECONOMIC GEOGRAPHY (3-0-3)(F/S). Area distribution and variation of man's economic activity 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: GO 101, or PERM/INST.

GG 321 CONSERVATION OF NATURAL RESOURCES (3-0-3)(F/S). Informative study of resources, their use and relative values. Discussions include land use principles, character of resources, demand factors, social implications, and population growth. Local and regional examples are emphasized. Local experts on conservation issues will serve as guest speakers. PREREQ: GO 101 or PERM/INST.

GP GEOPHYSICS

Upper Division

GP 301 INTRODUCTION TO APPLIED GEOPHYSICS (3-0-3)(F). A survey of surface based geophysics methods, including elementary theory, basic field practice, computer fundamentals, interpretation techniques and economic and environmental considerations. PREREQ: GP 301, GO 314, GP 301, M 320, M 331 and PH 222.

GP 325 PHYSICS OF THE EARTH (3-0-3)(S). 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. PREREQ: PH 102.

GP 451 APPLIED GEOPHYSICS I (3-4-3)(F). A detailed treatment of the application of geophysical methods used in petroleum and mineral exploration and geophysical investigations. Theory, data acquisition, data reduction and data interpretation will be emphasized. PREREQ: GO 314, GP 317, M 320, M 331 and PH 222.


GS GENERAL SCIENCE

GS 305 TEACHING SCIENCE IN THE SECONDARY SCHOOL (3-0-3)(S). A course designed to introduce the prospective secondary school science teacher to the understanding of the nature of science - both as a subject area and as a way of inquiry. Special emphasis is placed on problems of communicating scientific ideas, effective modes of instruction and evaluation, and curricular materials for secondary school science teaching.

DEPARTMENT OF HISTORY

Library Bldg., Rm. 247
Phone 208-385-1255

Chairman and Professor: Warren L. Vinz; Professors: Barrett, Fletcher, Keiser, Lovin, Ourada, Sims; Associate Professors: Buhiier, Lundy, Odah, Zirinsky; Assistant Professor: Jones, Shart

The Department of History offers three baccalaureate degree programs: History-Liberal Arts (42 hours of History) History-Social Science Education Option (42 hours of History, 27 hours State Teacher Certification requirements); and History-Social Science, Secondary Education Option (minimum 33 hours History, 20 hours each in two Social Sciences, 27 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 four years of General Arts training for the student. The other two degrees prepare the student for graduate work in history education. Specific requirements for each degree are listed below.
1. History-Liberal Arts Option
   a. General University Requirements to include:
      1) *One year of college level Foreign Language .......... 6-8
      2) American National Government ............. 3
   b. History Requirements:
      1) Lower Division Courses .......................... 15
         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
      2) **Other History Courses ........................ 27
         History Seminar .................................. 3
         Seminar or Colloquium ........................ 3
         Upper Division History (minimum) ............. 12
         Additional History Upper or Nonrequired Lower Division .......... 9
   c. Electives ........................................ 28-36

2. History-Secondary Education Option
   a. General University Requirements:
      American National Government ........................ 3
   b. History Requirements:
      1) Lower Division Courses .......................... 15
         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
      2) **Other History Courses ........................ 27
         U.S. History Electives (Upper Division) ........ 3
         Upper Division History (minimum) ............. 12
         Seminar or Colloquium ........................ 3
         Additional History Electives (Upper or Nonrequired Lower Division) .......... 9
   c. Education Requirements for State Certification for Secondary Education to include TE 385 ......... 25-30
   d. Electives ........................................ 18-13

3. History-Social Science-Secondary Education Option
   a. Lower Division Courses:
      1) U.S. History HY 151, 152 or 251, 252 .......... 6
      2) Western Civilization HY 101, 102 or 201, 202 .......... 6
      3) Intro to the Study of History HY 210 .......... 3
   b. Other History Courses (minimum of 15 Upper Division)
      3-Upper Division in 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)

4. Social Science Curriculum Minor
   Similar Social Science curriculum majors are available in the various Social Science disciplines in which the courses would constitute the 30-credit core of the major and History would serve as one of the 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.

5. History Minor Option
   Minor certification endorsements for teaching areas are listed in the Catalog on page of the Department of Teacher Education Section with in the School of Education Division.

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

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 "opening to the east" inspired by Willy Brandt. HY 103 recommended. Alternate years.

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

HY 104 HISTORY OF SCIENCE (3-0-3)(F/S) Alternate years. A survey on the development of the western concept of science, and cultural and scientific interaction at select critical points of change in western history; the origins of science in 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)(F/S) (Area II). 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) (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 PERMINSIT.

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 through the modern twentieth century era. Not open to students with credit in HY 102. PREREQ: High school course in World History or related subject matter or PERMINSIT.

HY 205 LEWIS AND CLARK (2-0-2)(S). A survey of the "corps of discovery" from Wood River, Illinois to the ocean and return, with study of the medical, scientific, anthropological and other aspects of the expedition. Alternate years.

HY 210 INTRODUCTION TO THE STUDY OF HISTORY (3-0-3). An introduction to the study of history for liberal arts students, exploring the nature of the discipline, and dealing with practi cal problems of historical research and writing, including the applications of various methodolog ical 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) (Area II). Selected problems from colonial times through the Civil War. Not open to students who have completed HY 151. PREREQ: High school history course or PERMINSIT.

HY 252 PROBLEMS IN U.S. HISTORY (3-0-3)(S) (Area II). Selected problems from the rise of industrialism after the Civil War to the present. Not open to students who have completed HY 152. PREREQ: High school history course or PERMINSIT.

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 307 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 103 recommended. Alternate years.

HY 308 FRANCE SINCE THE REVOLUTION (3-0-3)(F/S). The failure of Frenchmen in the 19th and 20th centuries to achieve political and social equilibrium. The problem will be traced through the establishment of th fifth Republic by Charles DeGualle. HY 103 recommended. Alternate years.

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

HY 310 THE REFORMATION (3-0-3)(F/S). 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 Wycliffe to the Council of Trent, and the world wide impact of Protestantism, the Catholic Reformation and dissenting minority sects. PREREQ: HY 102 or PERMINSIT. Alternate years.
COLLEGE OF ARTS & SCIENCE

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 THE FAR EAST (3-0-3)(F/S). First semester: Survey of the history of China and Japan to ca. 1600, emphasizing their cultural development. Korea and Vietnam receive brief consideration. Second semester: the impact of Western political, 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 years through the present. Alternate years.

HY 319 ANTIQUE GREECE (3-0-3)(F). A study of the ancient Greek world from the Minoan civilization to 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, PERMINST. Alternate years.

HY 320 ANCIENT ROME (3-0-3)(F). A survey of Rome from its earliest beginnings under Etruscan influence 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 PERMINST.

HY 322 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 elaboration as the state religion of the late Roman empire in the fifth century. Doctrinal, ethical, organizational liturgical and aesthetic developments within the Christian movement, and the political, social and cultural roles of the Church within the late empire are analyzed through the media of early Christian and contemporary papyri writings and artistic remains. Alternate years.

HY 324 MEDIEVAL EUROPE (3-0-3)(F). A survey of the political, religious, economic, and cultural development of Western Europe from the fourth to the fourteenth century. Special emphasis given to the Constantinian revolution, the rise of the Papacy, the Carolingian empire, feudalism and chivalry, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century and their renaissance. Alternate years.

HY 327 LIVING RELIGIONS: A Comparative Historical Study (3-0-3). A comparative analysis of the major religious traditions of the world, their religious development, philosophical foundations and social and political ramifications, especially in modern times, with emphasis on Islam, Judaism, Buddhism, Taoism, Shinto, 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 Power; its social, political, economic and educational impact. The rise of nationalism and independence; and Indian and Pakistan history since 1947. Alternate years.

HY 330 HISTORY OF MODERN AFRICA: 1750-1930 (3-0-3)(F/S). History of the African Continent from 1750 to the present with emphasis on the sub-Saharan regions, including the slave trade, its abolition, the pre-Colonial 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 622 to the decline of the Ottoman and Safavid empires in the eighteenth century. 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 the cosmopolitan islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. HY 102 recommended. Alternate years.

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

HY 334 U.S. HISTORY AND CULTURAL HISTORY (3-0-3)(F/S). Selected themes from colonial America to modern times, emphasizing the nature and meaning of the national experience, customs, traditions and intellectual developments. HY 151, 152 recommended. 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 consolidation of the United States as a world power, 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). A study of the origins, writing and development of the American constitution emphasis on the role of the Supreme Court. PREREQ: HY 315 or PERMINST. Alternate years.

HY 338 HISTORY OF IRELAND (3-0-3)(F). 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 issue. Alternate years.

HY 351 COLONIAL AMERICA (3-0-3)(F). Colonial society in North America; an investigation of the political organizations, social structure, economic development, and the war for American independence. PREREQ: HY 151 or PERMINST. Alternate years.

HY 352 THE NATIONAL ERA, 1815-1865 (3-0-3)(S). The development of American nationalism; the Era of Good Feeling, the second phase of Jacksonian Democracy, Manifest Destiny, the beginnings of sectional rivalry, and the Mexican War. PREREQ: HY 151 or PERMINST. 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 civil war, and the problems of reunification. PREREQ: HY 151 or PERMINST. Alternate years.

HY 355 WESTERN AMERICA (3-0-3)(F/S). The frontier as a region in transit 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 INDIANS IN THE UNITED STATES HISTORY (3-0-3)(F/S). Emphasis on Indian-white relations. The time period studied extends from earliest 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.
The Department of Mathematics provides two Bachelor's Degree programs and a Master's Degree program. The curriculum leading to the Bachelor's Degree in Mathematics is designed for those students interested in Pure Mathematics, Statistics, Computer Science or Operations Research.

The curriculum in secondary education is designed to prepare the student to teach mathematics in secondary schools and to meet Idaho teacher certification requirements. The Master's Degree Program is to provide advanced education for junior and senior high school mathematics teachers.

MATHEMATICS DEGREE REQUIREMENTS

1. Bachelor of Arts or Bachelor of Science in Mathematics
   a. University Requirements for BA or BS Degree, including Electives.
   b. Mathematics Requirements: Lower Division
      1) Calculus through M 206 or 212
      2) Digital Computer Programming M 124 or EN 104
      3) Applied Fortran Programming M 225 or Assembler Language M 226
   c. Upper Division Mathematics - 27 credits including:
      1) One or more of:
         a) Linear Algebra M 301
         b) Intro to Abstract Algebra M 302
         c) Number Theory M 306
      2) One or more of:
         a) Foundations of Analysis M 314
         b) Numerical Analysis M 340
         c) Complex Variables M 406
      3) One or more of:
         a) Fundamentals of Statistics M 361
         b) Probability & Statistics M 431-432 (both)
      4) One of the following sequences ending at the 400 level:
         a) Abstract Algebra M 441-442
         b) Advanced Calculus M 401-402
         c) Probability & Statistics M 431-432
         d) Applied Mathematics M 421-456
         e) Computer Science M 354-358-451
      5) And a 400-level course (numbered below M 490) in addition to those in the sequence selected.
         Upper-division courses can be used to satisfy more than one requirement. M 406 may be used to satisfy both the "one or more of M 314, M 340, or M 406" requirement and the "additional 400-level course" requirement. The sequence M 431-432 can be applied both to the probability and statistics requirement and to the upper-division sequence requirement. All upper-division mathematics courses numbered below 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 490 through M 499 can be used toward the 27 credits of upper division Mathematics requirement.
      d. The particular Mathematics courses used to satisfy the degree requirements may be chosen from specific courses in such areas of Mathematics as: Analysis, Algebra, Computer Science, Applied Mathematics, Statistics, and Operations Research. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.
      e. Students interested in computer science can devise a program with either a business emphasis or a scientific emphasis. In designing such a program, students should consider available courses in physics, information science, business as well as M 103, M 124, M 126, M 226, M 354, M 358, and M 451. Courses in statistics (M 361 or M 431-432) and operations research (M 356, M 456, or M 464) are also recommended.
      f. For students preparing for graduate work in a mathematical field, both M 401-402 and M 441-442 are recommended. Additional courses should be selected with the aid of the student's advisor. A reading knowledge of at least one of French, Russian or German is highly desirable.
      g. Students interested in Engineering can form a program leading to a Bachelor's Degree in Mathematics. This program could include many of the Upper-Division Physics or Engineering courses offered at BSU and satisfy most of the Mathematics requirements with application-oriented Mathematics courses.

2. Secondary Education Degree:
   a. University Requirements for BS or BA Degree
   b. Mathematics Requirements:
      1) Computers: M 122 or 124 - 2 credits
      2) Calculus through M 206 or M 212 - 10-13
      3) Linear Algebra: M 301 - 4
      4) At least one of:
         a) Intro to Abstract Algebra M 302 - 3
         b) Number Theory M 306 - 3
      5) Foundations of Geometry M 311 - 3
      6) Foundations of Analysis M 314 - 3
      7) Statistics M 361 or both M 431-432 - 4-6
      8) Mathematics in Secondary Schools M 490 - 3
      9) Mathematical Modeling M 464 - 3
      10) Either 45 semester hours of Mathematics or an approved area of emphasis outside of Mathematics. (NOTE: For those students planning to teach junior high school Mathematics, M 103 is strongly recommended.)
   c. Education Requirements - 25-30 credits (see "Certification Requirements and Endorsements for Secondary Education", page 98).

MATHMATICS MAJOR
Bachelor of Science
(Program Suggestions)

FRESHMAN YEAR
Calculus M 204-205 or M 211-212
English Composition E 101-102 or E 111-112
Computers M 122, EN 104, or M 126
Area I and Area II core requirements
Electives (C 131 and PH 221 are suggested)

SOPHOMORE YEAR
Calculus M 206
Computers EN 225 or M 226
Linear Algebra M 301
Foundations of Analysis M 314
Area I and Area II core requirements

JUNIOR YEAR
Introduction to Abstract Algebra M 302
Differential Equations M 331
Statistics M 431-432
Area I and Area II core requirement

SENIOR YEAR
Advanced Calculus M 401-402
Senior Seminar M 498
Area I and Area II core requirement

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

FRESHMAN YEAR
English Composition E 101-102
Calculus M 204-205
BASIC or FORTRAN M 122 or EN 104
Intro. to Computer Science M 126
Area I and Area II core requirement.
Suggested Electives
Speech CM 111
Logic PY 121
College Chemistry C 131-133

SOPHOMORE YEAR
Calculus M 206
Assembler Programming M 226
Linear Algebra M 301
Area I and Area II core requirement.
Suggested Electives
Economics EC 201-202
Applied Programming EN 225
COBOL IS 360
Physics PH 220-221
Differential Equations M 331
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, place value, arithmetic operations, real number postulates, algorithms, algebraic and geometric principles, measurement, graphing and introductory probability. PREREQ: High school algebra and geometry and satisfactory score on algebra placement exam.

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

M 106 MATHEMATICS FOR BUSINESS DECISIONS (4-0-4) (Area III). Limits, derivatives, curve sketching, partial derivatives, optimization problems, and integrals. PREREQ: M 105, 108 or 111.

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

M 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 program design. Designed for non-science majors. PREREQ: Satisfactory score on algebra placement exam.

M 111 ALGEBRA AND TRIGONOMETRY (5-0-5) (Area III). Selected topics in college algebra and trigonometry. The course will prepare the student for calculus. PREREQ: Satisfactory score on placement exam.

M 120 APPLIED STATISTICS WITH THE COMPUTER (4-0-4X). 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 122 A FIRST COURSE IN PROGRAMMING (2-0-2). Programming concepts using a conversational language such as BASIC with a small to medium size computer such as the Hewlett Packard 3000. PREREQ: Satisfactory score on algebra placement exam.

M 124 Digital Computer Programming (2-0-2). Beginning FORTRAN. See EN 104. Credit cannot be obtained for both M 124 and EN 104.


M 211 ACCELERATED CALCULUS (5-0-5) (Area III). Analytic geometry, functions, limits. Differentiation and integration with applications. Transcendental functions, methods of integration. M 211-212 is an accelerated version of the three semester sequence M 204-205-206. The student must have a strong high school background or have completed either M 106 or 111 with a grade of A.

M 212 ACCELERATED CALCULUS (5-0-5) (Area III). Solid analytic geometry, vectors and vector functions, partial integration, series, introduction to differential equations. PREREQ: M 211.

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

M 226 ASSEMBLER LANGUAGE (4-0-4). Assembly language programming for the IBM 370. Data representation, the machine instructions, looping, address modification, hard disk output, program sectioning and linking, macros. PREREQ: M 126 or PREMIINST.

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 206 or 212.

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

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 206 or 212. Odd numbered years.

M 314 FOUNDATIONS OF ANALYSIS (3-0-3). Logic, axioms, sequences, foundations of calculus, structure of the real numbers. PREREQ: M 205 or 212.

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

M 321 DIFFERENTIAL EQUATIONS (3-0-3). Theory of ordinary differential equations with applications to physical sciences and engineering. PREREQ: M 206 or 212.

M 340 NUMERICAL ANALYSIS (4-0-4). The application of numerical methods to interpretation and analysis of data, general iterative methods, approximation of functions, error analysis, solution of equations with implementation of computer programming. PREREQ: M 206 and M 122 or EN 104.

M 354 PROGRAMMING LANGUAGES (4-0-4). A survey of current languages (such as FORTRAN, COBOL, PL/I, SNOBOL, LISP, APL, GPSS), their programming and design. Syntax and semantics, program testing, compilers, interpreters, input/output. Recursion, multiprocessing. Extensibility. PREREQ: M 226 or PREMIINST.
DEPARTMENT OF MILITARY SCIENCE
(ARMY ROTC)

Cadre: Chairman, Major Earl Steck, Cpt. Pete Koehler APMS, Cpt. Robert Hillan APMS, Sergeant Major James Flowers; SSG Charles Ziegler, Sr. Instructor; SSG John DeCorte; SSG Cindy Flanders

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

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

SCOPE OF INSTRUCTION

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

Basic Course. The basic course consists of the first two years of Military Science, normally taken during the freshman and sophomore years. Satisfactory completion of the basic course fulfills one of the requirements for continuation in the four-year program and acceptance into the advanced course. Those students desiring to take the advanced course, but lacking the credit for the basic course, may satisfy the requirements by attending a six-week summer camp between their sophomore and junior year, by obtaining 90 military contract hour by summer camp courses. Veterans and some Reserve Component 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 accomplished through concurrence of the President of the University and the Chairman of the Department of Military Science.

REQUIREMENTS FOR ARMY COMMISSIONS

Applicants for admission to the advanced course must (1) have satisfied the requirements of the basic course, successfully completed the six-week summer basic camp or have completed 90 contact hours, and must have a minimum of 26 semester hours; (2) be able to complete all requirements for commissioning prior to his/her 30th birthday; (3) successfully complete prescribed survey and general screening tests; (4) be selected by the President of Boise State University or any other institution to which he may thereafter be admitted; (5) execute an individual contract with the government in which the student agrees to complete the advanced course at Boise State University or any other institution at which he may thereafter be enrolled where such a course is given; (6) devote a minimum of five hours a week to the military training prescribed by the Secretary of the Army; (7) attend a six-week summer training camp between the junior and senior year; and (8) enlist in a reserve component (enlistment does not involve additional training or duty but is to insure compliance with the terms of the contract signed by the student; (9) agree to accept a commission if tendered; (10) serve on active duty as an officer for three years or three months as determined by the Department of the Army. Guaranteed Reserve Forces assignments are now available for those who do not want to compete for the active duty assignments. The GFR assignment allows an officer to remain in Idaho and continue their civilian 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 Army Training and Doctrine Command (TRADOC) 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 this 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).
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 will be required:

   PE 121 - First Aid
   FA 197/297/397 - Special Topic - Conditioning Procedures
   FA 297, Section 3 - Special Topics - Orienteering

ROTC SCHOLARSHIP

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

FINANCIAL ASSISTANCE

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

UNIFORMS

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

COURSE OFFERINGS

ML MILITARY SCIENCE

Lower Division

ML 101 INTRODUCTION TO MILITARY SCIENCE (1-1-1). Provides an overview of ROTC to include the purpose and history of ROTC, the organization of the U.S. Army, Army Reserve and the National Guard, and an introduction of military customs and traditions. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 102 INTRODUCTION TO MILITARY SCIENCE (1-1-1). Provides an introduction to Geopolitics, ethics, codes of conduct, war strategy and tactics. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

ML 201 INTRODUCTION TO LEADERSHIP (3-1-3). Prepares the student for ROTC advanced course. An introduction to leadership and basic map reading, navigation. Laboratory consists of participation in leadership exercises, adventure training, and orientations.

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

Upper Division

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

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

ML 303 MILITARY SCIENCE INTERNSHIP (V-V-6). Provides the student with the opportunity to apply the skills they have learned, is completed at the six weeks of ROTC Adventure Leadership Camp at Fort Lewis, Washington.

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

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

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 music auditorium 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 Mass-Rowe, is also in the auditorium. Given as a memorial to her hus-

DEPARTMENT OF MUSIC

Morrison Center, Rm C 100 Phone 208-385-1771
Chairman and Professor: Wilber D. Elliott; Associate Chairman and Asso- 
Professor: Donald Oakes; Professors: Baldwin, Hsu, Meyer, Shelton; Associate Professors: Bratt, Hopper, Speake; Assistant Profes-
sors: Baldissarre, Gelly, Samball, Schroeder, Thomason.

GIFTS AND MEMORIALS

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 music auditorium 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 Mass-Rowe, is also in the auditorium. Given as a memorial to her hus-

band by Mrs. Velma Morrison, the Grand Symphony Carillon System chimes the hours and half-hours and twice daily plays a short program of carillon music.

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 these donors who have given so generously:

Dr. & Mrs. Robert deNeuville
Dr. & Mrs. Arthur C. Jones
Bryant S. Martineau
Mr. & Mrs. Edward Uley

Alice Gould
Senator Len Jordan
Marjorie Palmquist
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 artist teachers, and composers, this program is basic to prepare students for graduate work in the performing, creative, and college or university teaching fields.

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

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

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, one of the levels in the Piano Proficiency Examination before a faculty committee. The particular level is determined by the student's major. A grade of C or better in MU 213 will meet Levels I and II requirements for Music Education majors. A grade of C or better in MU 314 will meet level III requirements for Performance and Theory Composition majors. Details are available from the Music Department.

   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 (ME 180, 380) toward the required six credits. Guitar majors may take two credits of Guitar Ensemble (ME 167, 367) toward the required six credits. Music Education majors will take seven credits of Ensemble. Other Ensembles may be taken as electives in addition to the required major Ensembles.

   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 exempt during semester-weeks of student teaching) .................. 0 Cr
Materials of Music MU 119 thru 220 and ........................................... 18
Ear Training MU 121 thru 222 ......................................................... 18
Basic conducting MU 261 ..............................................................  1
Survey of Music History and Literature I,II,III,IV .......................... 10
MUMU 341,342,343,344 ............................................................... 10
Ensemble (see 1c above) ............................................................... 6-8
Total 35-37 Cr
2. Emphasis Requirements
a. General University and Basic Core Requirements for Bachelor of Music Degree (including 6 credits of Music History in Area I) 29-32
b. Music Requirements:
   (1) Music Core .......................... 35-37
   (2) Performance Studies .................. 30
All Performance majors will take 2 credits of Performance Studies the first semester, freshman year, and perform a 4 credit jury prior to enrolling in 4 credit Performance Studies second semester. MC 400 Level Studies: 8 credits minimum.
d. Additional Upper Division Courses .............. 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
   Electives .................................. 7-18
   128
3. Theory-Composition Emphasis Minimum Requirements
a. General University and Basic Core Requirements for Bachelor of Music Degree (including 6 credits of Music History in Area I) 29-32
b. Music Requirements:
   (1) Music Core ................................ 35-37
   (2) Lower Division Performance Studies .............. 16
      Performance Major Studies .......................... 8
      Performance Minor Studies (Piano, unless major instrument is Keyboard) .................. 8
   (3) Additional Upper Division Courses .............. 31
      Keybord 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
      Electives .................................. 12-18
      128
4. Electives .................................. 12-17
   128
a. Music Education Emphasis Minimum Requirements
1) General University and Basic Core Requirements for Bachelor of Music Degree (including 6 credits of Music History in Area I) 29-32
2) Music Requirements:
   (1) Music Core ................................ 29-32
   (2) Major Instrument Performance Studies .............. 14
      MC 300 Level or above: 4 cr minimum
   (3) Additional Lower Division Courses .............. 7
      Orientation to Music Educ MU 271 ................ 1
      Vocal Tech & Meth MU 257, 266 .......................... 4
   (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 & Instr Conducting MU 365, 366 ................. 2
      Music Instructional Math MU 368, 369 .............. 2
      One-half Senior Recital MA 444 .................. 1
   (5) Education Core Requirements .............. 25
      General Psychol P 101, Area II .................. 3
      Education Psychology P 325 .................. 3
      Foundations of Education TE 201, Area II .............. 3
      Secondary School Methods TE 381 .............. 3
      Educating Exceptional Second Stu TE 333 ......... 1
      Sec Stu Teaching TE 482 or 483; TE 484, 485 .......... 8-12
      Reading in Content Subjects TE 307 .............. 3
   (3) Electives .......................... 9-14

   Recommended Music Electives:
      Functional Piano MU 213 .......................... 2
      Teaching Music in the Elementary Classroom MU 372 .............. 2
      (to qualify students for Idaho State Certification for Elementary School Music Specialist) .... 2

   ** Required only of Piano, Voice or Guitar majors.

2. Music/Business Option
a. 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 Cultural Approach to Math, or 4
   M 105, 106 Math for Business Decisions 4-8
3) Minimum Music Requirements .............. 45
   MA 010 Concert Class (each semester) .............. 3
   MC—Performance Studies .................. 8
   ME—Ensemble .............. 4
   MU 119-120 Materials of Music I-II .............. 8
   MU 341, 342, 343, 344 History & Lit of Music .......... 10
   Senior Project (An Independent Study terminal project under faculty supervision with the approval of the Music Department Chairman) .............. 3
   Music Electives (upper division) .............. 10
4) Business courses (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 Business Law .............. 3
   IS 210 Introduction to Information Sciences ......... 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 preparation and Management* ......... 3
   AS 317 Office Management* ......... 3
   MK 307 Consumer Behavior* ......... 3

   To enroll in these courses special arrangements are necessary with the chairman of the Department of Marketing and Administrative Services.

III. 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 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.

IV. GRADUATE WORK

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

Suggested Programs

I. Performance Emphasis Majors:

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<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>Area II Courses</td>
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<tr>
<td>Concert Class MA 010</td>
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<tr>
<td>Materials of Music I, II MU 119-120</td>
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<tr>
<td>Ear Training I, II MU 121-122</td>
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<td>Performance Major MC 1-2, 1-4</td>
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<td>4</td>
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<tr>
<td>Major Ensemble ME 1—</td>
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<tr>
<th>SOPHOMORE YEAR</th>
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<tr>
<td>Literature</td>
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<td>Area II course</td>
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<tr>
<td>Concert Class MA 010</td>
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<tr>
<td>Materials of Music I, II MU 219-220</td>
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<td>Ear Training III, IV MU 221-222</td>
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<tr>
<td>Major Ensemble ME 1—</td>
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<tr>
<td>Basic Conducting MU 261</td>
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<tr>
<td>Performance Major MC 2-4</td>
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<td>Electives</td>
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<th>JUNIOR YEAR</th>
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<tr>
<td>Foreign Language</td>
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<td>Concert Class MA 010</td>
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<tr>
<td>Music History I, II MU 341-342</td>
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<tr>
<td>Keybd Harm.* MU 313-314 &amp; Elect. **</td>
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<tr>
<td>Counterpoint MU 423 or 424</td>
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<td>Performance Major MC 3-4</td>
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<th>SENIOR YEAR</th>
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<tr>
<td>Music History III, IV MU 343-344</td>
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<td>Concert Class MA 010</td>
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<tr>
<td>Counterpoint MU 423 or 424</td>
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<td>Advanced Form and Analysis</td>
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<td>Major Ensemble# ME 3—</td>
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<tr>
<td>Inst or Choral Conducting MU 365 or 366</td>
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<td>Performance Major MC 4-4</td>
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<td>Keybd. Harm. * MU 313-314 &amp; Elect. **</td>
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II. Theory Composition Majors:

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<td>Major &amp; Minor Performance Studies MC 2-2</td>
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<td>Ear Training III, IV MU 221-222</td>
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<td>Band and Orch. Meth. MU 367</td>
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<td>Choral Methods MU 385</td>
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<td>Basic Conducting MU 261</td>
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<tr>
<td>Inst. Conducting MU 365</td>
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<tr>
<td>Music History III, IV MU 343-344</td>
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<tr>
<td>Performance Major MC 3-2</td>
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<td>Secondary School Methods TE 381</td>
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MA MUSIC APPLIED—PERFORMANCE CLASSES, RECITALS

MA 010 CONCERT CLASS (0-1-0)(FS). Student, guest and/or faculty performances. Minimum attendance 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 is not equal attendance for meeting this requirement.

MA 107 RECORDER CLASS (1-0-1)(FS). 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 ensembles will be emphasized. The class 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)(FS). Technical fundamentals in playing the acoustical guitar for beginners. Use of popular and folk songs. Course is based on written notation and oral 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)(FS). Continuation of MA 127. Emphasis on understanding fret-board theory, reading music notation for guitar, solo playing. Concept of form levels. May be repeated once for credit. PREREQ: MA 127 or PERMINST.

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

MA 180 VOICE CLASS (0-1-1)(FS). Each semester. Maximum 2 credits allowed.

MA 307 RECORDER CLASS (1-0-1)(FS). 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 PERMINST.

MA 377 ADVANCED GUITAR CLASS (0-3-2)(FS). Study of music and technical problems in solo guitar playing, chord construction and progression, analysis of intervals, functional harmonic relationships, principal of guitar transcriptions, introduction of improvisation. Students must provide their own instrument. May be repeated once for credit. PREREQ: MA 128 or PERMINST.

MA 328 JAZZ GUITAR CLASS (0-2-1)(FS). 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 PERMINST.

MA 410 MUSIC COMPOSITION (2-0-2)(FS). 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: PERMINST.

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

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

MA 446 SENIOR PERFORMANCE RECITAL (0-1-2). This course is a full recital to be presented as the culminating performance project for music majors within the Bachelor of Music program. PREREQ: 400-level performance ability and PERMINST. Graded pass/fail.

MA 447 SENIOR COMPOSITION RECITAL (0-2-0). A recital for the performance of original compositions by the Theory-Composition majors. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition majors. PREREQ: Major in Theory-Composition and PERMINST. 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. MMus students 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—, etc.) = performance level; second digit = instrumental family (-0- woodwinds, -1- brass, -2- percussion, -3- voice, -4- keyboard, -5- fretted string instruments, -6- bowed string instruments); third digit (— ——1) = 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 string 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 - 18 hrs. practice per week.
For 2 hrs. credit - 12 hrs. practice per week.

Minor area practice requirements:
For 2 hrs. credit - 6 hrs. practice per week.

ME MUSIC, ENSEMBLE

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

ME 101, 301 UNIVERSITY SINGERS (0-2-1)(FS). A general chorus open to all university students. No audition is necessary. Major choral works from all periods will be sung. Public performance will be expected each semester. Maximum credits: ME 101 and/or 301, 8 cr.

ME 105, 305 MEISTERINGERS (0-5-1)(FS). Essentially a course in unaccompanied singing, open to all university students. The Meistersingers is the concert-touring choir of the University. Maximum credits: ME 105 and/or 305, 8 cr. PREREQ: Enrollment by audition and Music Department approval.

ME 110, 310 VOCAL ENSEMBLE (0-1-2)(FS). 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 and/or ME 310, 8 cr. PREREQ: PERMINST.

ME 115, 315 OPERA THEATRE (0-1-1)(FS). A course in the study and production of operas. Maximum credits: ME 115/315, 8 cr. PREREQ: PERMINST.

ME 120-320 BAND (0-5-1)(FS). 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)(FS). A course designed to promote playing in and repertoire knowledge of small brass ensembles. A public performance is required each semester. Maximum credits: ME 125, and/or ME 325, 8 cr. PREREQ: PERMINST.

ME 126, 326 JAZZ ENSEMBLE (0-3-1)(FS). A course designed to promote playing repertoire of large jazz ensembles. Includes performance of Dixieland, be-bop, swing, rock and contemporary jazz. Class rehearsals include study of rhythm problems, notation, improvisation, ear training and chord construction in jazz. Public performance each semester. Maximum credits: ME 126 and/or 326, 8 cr. PREREQ: PERMINST.

ME 130, 330 WOODWIND ENSEMBLE (0-2-1)(FS). A course designed to promote playing in and increasing repertoire knowledge of small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 130 and/or ME 330, 8 cr.

ME 140-340 PERCUSSION ENSEMBLE (0-2-1)(FS). A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester. Maximum credits: ME 140, and/or ME 340, 8 cr. PREREQ: PERMINST.

ME 141, 341 KEYBOARD PERCUSSION ENSEMBLE (0-2-1)(FS). In conjunction with the preparation of music for public performance, students will acquire a first-hand knowledge of phrasing, 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 or adapt existing music for the ensemble. Maximum credits: ME 141 and/or 341, 8 cr.

ME 150-350 ORCHESTRA (0-1-1)(FS). The Boise State University Symphony is composed of students and experienced musicians and prepares several concerts each season from the standard repertoire. An elective for non-music majors. Audition is required of new students. Maximum credits: ME 150 and/or ME 350, 8 cr.

ME 160, 360 STRING ENSEMBLE (0-2-1)(FS). 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: PERMINST.

ME 161, 361 GUITAR ENSEMBLE (0-2-1)(FS). A course designed to promote playing in and repertoire knowledge of ensembles of or including guitar(s). Maximum credits: ME 161 and/or ME 361, 8 cr. PREREQ: PERMINST.

ME 180, 380 ACCOMPANYING (0-2-1)(FS). Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum credits: ME 180 and/or 380, 6 cr.
MU 341 HISTORY AND LITERATURE OF MUSIC I (2-0-2)(FS/Area I). The analysis of the development of Western music from its beginnings in early Christian times through the early 1600's. Consideration of music from these periods as art forms, their relationships to their contemporary societies, and as foundations for subsequent expression. PREREQ: MU 119 and 120 or PERMIINST.

MU 342 HISTORY AND LITERATURE OF MUSIC II (2-0-2)(FS/Area II). Encompasses the period from the Florentine Cameraatas through the high Baroque, the Rococo, and the classical composers. Attention will be given to the development of musical forms through score reading, analysis, and discussion. PREREQ: MU 341, 220, or PERMIINST.

MU 343 HISTORY AND LITERATURE OF MUSIC III (3-0-3)(FS/Area II). Works of Haydn, Mozart, and their contemporaries through the Romantic period to Lizzi, Wagner, and Puccini. Musical form will be considered and analyzed as vehicles of individual expression and as steps to greater varieties of musical expression. Their relationship to musical paraphrases in literature and other arts will be considered. PREREQ: MU 119 and 120 or PERMIINST.

MU 344 HISTORY AND LITERATURE OF MUSIC IV (3-0-3)(Area I). 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 PERMIINST.

MU 365 CHORAL CONDUCTING (2-0-1)(F). A course designed to deal with the problems and techniques of choral conducting. Students will work with ensembles as laboratories for conducting experience.

MU 366 INSTRUMENTAL CONDUCTING (2-0-1)(F). A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles as laboratories for conducting experience. PREREQ: MU 261.

MU 385 BRASS TECHNIQUES AND METHODS (1-2-2)(FS). Primarily for music education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with the basic performing technique on two or more of the brass instruments.

MU 370 GUITAR FOR CLASSROOM TEACHERS (2-0-2)(FS). Designed for teachers or prospective teachers who wish to use the guitar in classroom situations. Emphasis is on accompanying skills, elementary chord melody, chord playing, proper hand position and notereading. Musical material is drawn from popular and folk styles useful in elementary classes. May be repeated once for credit.

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

MU 372 TEACHING MUSIC IN THE ELEMENTARY CLASSROOM (2-1-2)(F). For music majors. Includes special methods, materials and teaching techniques for the elementary classroom music program. PREREQ: MU 271.

MU 385 CHORAL METHODS AND MATERIALS (1-2-2)(S). Designed for music education majors who will be teaching vocal groups in junior and senior high schools. A practical workshop in selection and conducting of choral 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 administration of bands and orchestras at the secondary school level, including equipment purchasing, student auditions, recruitment, rehearsal techniques, scheduling, programming, and emergency repairs of instruments.

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

MU 426 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. Analyzing/arranging of music of the period. Additional compositions and/or research for graduate credit. PREREQ: MU 220 or equivalent. Odd numbered years.

MU 424 COUNTERTENOR SINCE 1600 (3-0-3)(F). Study in contrapuntal styles from Baroque Period to present day. Inivertible 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 INSTRUMENTATION LITERATURE (Piano, Voice, Guitar) (2-0-2)(F). A survey course to acquaint the student with the major 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 464 MAJOR INSTRUMENT PEDAGOGY (Piano, Voice, Guitar) II (2-0-2)(F). Practical application of pedagogical materials and methods and procedures through supervised studio teaching. Further reading, lecture, listening and observation of professional voice students. PREREQ: MU 463 or PERMIINST.

MU 498 MUSICAL WORKSHOP II (2-0-2)(F). A seminar project under faculty direction. PREREQ: Senior standing.
DEPARTMENT OF PHYSICS, ENGINEERING & CONSTRUCTION MANAGEMENT

Science-Nursing Bldg, Rm 318
Ph 208-385-3775
Chairman and Professor of Physics: Robert A. Luke; Professors: Allen, Smith, Dahm, Luke, Newby, Parks; Associate Professors: Affleck, Haefet, Reimann, Gabert; Assistant Professors: Dykstra, Mason.

PRE-ENGINEERING CURRICULUM

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

COMMON FRESHMAN YEAR:

1st SEM 2nd SEM
(All Engineering Majors)

- English Composition E 101-102 3 3
- College Chemistry C 131-132-133 4 3
- Calculus & Analytic Geometry M 204-205 5 4
- Engineering Fundamentals EN 107-108 3 2
- Physics PH 220 - 5
- Physical Education 1 1
- 16 16

COMMON SOPHOMORE YEAR:

Physics II, III PH 221-222 3 3
- Wave Motion & Heat Lab PH 223 - 1
- Electricity & Magnetism Lab PH 224 - 1
- Humanistic-Social Elective - 3
- Introduction to Mechanics EN 205 - 4
- Systems & Circuits I, II EN 221, 223 - 3 4
- Calculus & Analytic Geometry M 206 - 4
- Differential Equations M 331 - 3
- 2 3
- Branch Variation see below 17 16-17

BRANCH VARIATION

Agricultural Engineering
- Dynamics of Rigid Bodies EN 206 2

Civil Engineering
- Dynamics of Rigid Bodies EN 206 2
- Engineering Measurements EN 216 2
- Elective (see Advisor) 3
- 7

Mechanical Engineering
- Dynamics of Rigid Bodies EN 206 2

Chemical Engineering
- Organic Chemistry C 318 3
- Principles of Economics EC 201 3
- 6

*During first semester, Chemical Engineers substitute C 317, Civil Engineers substitute EN 215.
**Civil Engineers not required to take EN 223.

JUNIOR YEAR

Electrical Engineering
- Engineering Science Elective 3

Bachelor of Science

CONSTRUCTION MANAGEMENT CURRICULUM

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 and other professionals to provide society with construction services of skill, responsibility and integrity.

FRESHMAN

- English Composition E 101-102 3 3
- Algebra and Trig M 111 5 -
- Engineering Graphics EN 108 2 -
- Elective (Area II Social Sci) 3 -
- Elective (Area I, Arts & Humanities) 3 3
- Calculus and Analytical Geometry M 204 3 5
- Engineering Fund and Comp Prog EN 107 - 3
- Intro to Management of Construction CO 240 - 3
- 16 17

SOPHOMORE

General Physics PH 101-102 4 4
- Basic Surveying EN 215 2 -
- Intro to Financial Accountin AC 205 3 -
- Construction Blue Print Commun CO 235 2 -
- Materials & Methods of Architecture AR 290 3 -
- Business Law I GB 202 3 -
- Stat Tech for Decision Making DS 207 - 3
- Intro to Managerial Accounting AC 206 - 3
- Contracts and Specifications CO 246 - 3
- Intro to Mechanics EN 205 - 3
- 17 16

JUNIOR

Construction Equipment & Methods CO 320 3 -
- Mechanics of Materials EN 306 3 -
- Labor Law MG 330 3 -
- Mechanical Installations CO 351 3 -
- Principles of Economics-Macro EC 201 3 -
- Principles of Economics-Micro EC 202 3 -
- Technical Writing E 202 3 -
- Cost Accounting AC 351 3 -
- Cost Estimating and Bidding CO 370 3 -
- Soil Mechanics and Foundation Const CO 320 3 -
- Principles of Finance FI 303 3 -
- Electrical Installations CO 352 3 -
- 18 18

SENIOR

- Construct Operations & Improve CO 374 3 -
- Concrete & Formwork Construction CO 410 3 -
- Fundamentals of Speech Commun CM 111 3 -
- Labor RelationsMG 340 3 -
- Electives (Area I, Arts & Humanities) 3 3
- Project Scheduling & Control CO 417 3 -
- Human Resource Management MG 401 3 -
- Electives 2 -
- 15 11

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

COLLEGE OF ARTS & SCIENCE
**PHYSICS — Bachelor of Science**

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

**PHYSICS MAJOR**

I. Liberal Arts Option
1. General University and BA Degree Requirements
   (see Pages 29-31) .................................................. 30
2. Major Requirements
   A. *Physics* ........................................... 48
      Physics I, II, III, PH 220, 221, 222 .......................... 9
      Physics Lab I, II, PH 223, 224 .............................. 2
      Intermediate Applied Programming PH 225 ..................... 2
      Electronics Lab PH 301 ...................................... 4
      Transducers, PH 304 ...................................... 2
      Lab Microprocessor Applications PH 307 ....................... 3
      Modern Physics PH 311, 312 ............................. 6
      Optics PH 331 ............................................. 4
      Mechanics PH 341 .......................................... 4
      Electricity & Magnetism, PH 381, 382 ......................... 6
      Advanced Topics PH 422 ...................................... 3
      Senior Lab PH 481 .......................................... 2
      Seminar PH 499 ............................................. 1
   B. Engineering
      Computer Programming EN 104 or 107 ............................ 2
      Systems & Circuits I, II EN 221, 223 ........................ 7
      Thermodynamics EN 320 ..................................... 3
   C. Math
      Calculus Sequence M 204, 205, 206 ............................. 13
      Differential Equations M 331 .................................. 4
      Numerical Analysis M 340 ..................................... 4
   D. Chemistry
      ............................................................... 9
   E. Recommended Electives ....................................... 7

**PHYSICS — Bachelor of Science Degree**

(Suggested Program)

<table>
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<tr>
<th>COURSE OFFERINGS</th>
<th>1st SEM</th>
<th>2nd SEM</th>
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<tr>
<td><strong>FRESHMAN YEAR:</strong></td>
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<tr>
<td>English Composition E 101, 102</td>
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<tr>
<td>College Chemistry C 131,132,133,134</td>
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<tr>
<td>Calculus &amp; Analytic Geometry M 204,205,206</td>
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<td>Digital Computer Programming EN 104 or 107</td>
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<tr>
<td>Physics PH 220</td>
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<td>Area I or II Requirements</td>
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<td><strong>SOPHOMORE YEAR:</strong></td>
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<td>Physics II, III PH 221, 222</td>
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<td>Wave Motion &amp; Heat Lab PH 223</td>
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<td>Electricity &amp; Magnetism Lab PH 224</td>
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<td>Differential Equations Math M 331</td>
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<td>Transducers PH 304</td>
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<td>Lab Microprocessor Applications PH 307</td>
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<tr>
<td>Thermodynamics EN 320</td>
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<td>Optics PH 331</td>
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<td>Numerical Analysis M 340</td>
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<td>Area I or II Requirements</td>
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<td><strong>SENIOR YEAR:</strong></td>
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<tr>
<td>Electricity &amp; Magnetism PH 381, 382</td>
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<td>Mechanics PH 341</td>
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<td>Senior Lab PH 481</td>
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Advanced Topics PH 422 .......................... 3
Electives ............................................. 3
Area I or II Requirement .................................. 3
Physics Seminar PH 499 .................................. 1

**II. SECONDARY OPTION**

1. General University Requirements .................................. 30
2. Major Requirements ............................................. 78
   A. Physics .................................................. 31
      Physics I-III PH 220, 221, 222 .............................. 9
      Physics Lab II PH 223, 224 ................................. 2
      Intro to Descriptive Astronomy PH 105 ..................... 4
      Modern Physics PH 311-312 ............................... 6
      Optics PH 331 ............................................ 4
      Lab Microprocessor App. PH 307 ............................ 3
      Senior Lab PH 481 ........................................ 3
   B. Engineering
      Computer Programming Course, such as EN 104 .......... 12
   C. Math ..................................................... 17
      Calculus Sequence M 204, 205, 206 .......................... 13
      Differential Equations M 331 ................................ 3
   D. Chemistry C 131, 132, 133, 134 ........................... 9
   E. General Biology B 101-102 .................................. 8
   F. Recommended Electives ...................................... 8
   G. Possible Earth Science Elective ............................. 4
3. Education Requirements (see pg 36) ............................ 25-30

Foundations of Education
   Secondary School Methods
   Secondary School Teaching
   Educational Psychology
   Education Electives

**CO CONSTRUCTION MANAGEMENT**

**Lower Division**

CO 235 CONSTRUCTION BLUE PRINT COMMUNICATIONS (3-0-3)(F). The transmission and interpretation of blue print 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. Monday field trips required. PREREQ: EN 108.

CO 240 INTRODUCTION TO THE MANAGEMENT OF CONSTRUCTION (3-0-3)(S). Introduction to construction technology, 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. Monday 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. Monday field trips required. PREREQ: GB 202.

**Upper Division**


CO 330 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. PREREQ: M 204 or PERM/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. Monday 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, switch gear; other service equipment and electrical transmission. Also included will be lighting and acoustical installations and associated construction problems. Monday field trips required. PREREQ: PH 102 and EN 205.


CO 374 CONSTRUCTION OPERATIONS AND IMPROVEMENTS (3-0-3)(S). Contractor organization, project supervision and motivation. Labor, materials, equipment, safety, time and motion studies, time-lapse photography, methods improvements, crew balance, and flow and process charts. Monday field trips required. PREREQ: DS 207 and CO 370.


EN ENGINEERING

Lower Division

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

EN 104 (M 124) DIGITAL COMPUTER PROGRAMMING (2-0-2). Course for engineering, science, or math majors to introduce FORTRAN and BASIC programming principles and techniques including input-output, flow charting, handling arrays and subprograms, all applied to problem solving. Should have Mathematics background equal to or exceeding one of prerequisites. PREREQ: M 106 or 111 or equivalent.

EN 107 ENGINEERING FUNDAMENTALS AND COMPUTER PROGRAMMING (3-0-3)(FS). 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 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, 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 I (1-3-2). A basic course in surveying serving as both a preliminary course for engineering majors and a complete course for forestry and other non-engineering majors. Course covers use of transit, level, plane table, and computations related to elevation, traverse and stadia surveys. PREREQ: M 111 or equivalent.


EN 221 SYSTEMS AND CIRCUITS (3-0-3)(F). The fundamental course in electrical engineering which provides an introduction to electrical circuits and basic network analysis. Topics covered are simple resistive, capacitive and inductive circuits, network theorems and circuit analysis methods. PREREQ: M 204.

EN 223 SYSTEMS AND CIRCUITS II (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.

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 206 and EN 205.

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 307 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 208 and PH 221.

EN 382 ENGINEERING ECONOMY (2-0-2). 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.

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 and biological environment. A one-semester course for non-Science majors.

Graduate

PS 601 BASIC PHYSICAL SCIENCE FOR ELEMENTARY TEACHERS (3-0-3). An introduction to the basic ideas of Physical Science including matter, energy, motion, electricity, magnetism, wave motion, sound, light, heat, atomic and nuclear physics, and astronomy. Elementary concepts will be discussed and demonstrated with emphasis on methods that can be used with elementary school students. Offered when there is sufficient demand.

PH PHYSICS

Lower Division

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

PH 101-102 GENERAL PHYSICS (3-3-4). (FS) (Area III). Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the bachelor of arts and bachelor of science degree and may be taken by forestry, pre-dental and pre-medical students. PREREQ: Algebra and Trigonometry.

PH 103 RADIOLOGICAL PHYSICS (2-0-2)(F). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included.

PH 104 RADIOLOGICAL PHYSICS (2-2-3)(S). An application of electrical, atomic and nuclear physics to imaging instrumentation, fluoroscopy, cine-radiography, video tape systems, stenome- diography, body section radiography, therapeutic radiology, nuclear medicine and ultrasound. PREREQ: PH 103.

PH 105 INTRODUCTION TO DESCRIPTIVE ASTRONOMY (3-3-4)(F/FS)(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 planetary visits are required. A one-semester course for non-Science majors.

PH 109 (M 139) 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 220 PHYSICS I - MECHANICS (3-1-3)(FS)(Area III). Kinematics, dynamics of particles, statics, momentum, work, energy, rotational motion and vibratory motion. PREREQ: M 204. Must be concurrently taken or have taken M 205.


PH 223 WAVE MOTION AND HEAT LAB (0-3-1)(FS)(Area III). A lab designed to be taken concurrently with PH 221. Basic experiments in mechanics, wave motion, sound, optics and heat. PREREQ: PH 220. COREQ: PH 222.

PH 224 (EN 224) ELECTRICITY AND MAGNETISM LAB (0-3-1)(FS)(Area III). A lab designed to be taken concurrently with PH 222. Basic experiments in electricity, simple circuit analysis and instrumentation. PREREQ: PH 220. COREQ: PH 222.

PH 225 INTERMEDIATE APPLIED PROGRAMMING (2-2-2)(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. Credit cannot be obtained from both PH 225 and M 225.

Upper Division

PH 301 ANALOG ELECTRONICS LAB (2-2-4)(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 224, EN 223.

PH 304 TRANSUCERS I (3-3)(S). An introduction to some common devices used to convert energy forms into electrical signals. Included are photomultiplier tubes, photoductive 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 (2-2-4)(FS). A lecture/lab course designed to provide the student with the necessary skills to utilize a programmable microprocessor system for data acquisition and control. PREREQ: PH 222 or EN 293 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 221, 222, 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 221.

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 220.

PH 381-382 ELECTRICITY AND MAGNETISM (3-0-3)(F-S). Electrostatic fields, potentials, Gauss' law, solutions of Laplace's equation, electrostatics of conductors and dielectric materials, van der Waals potentials, Maxwell's equations, and electromagnetic radiation. PREREQ: PH 221, 222, M 331.

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 312.

PH 482 SENIOR PROJECT (0-6-2)(S). Elective. A sophisticated laboratory project in some area of physics. PREREQ: PH 481.

PH 499 PHYSICS SEMINAR (1-0-1)(S). Individual reports on selected topics. PREREQ: Senior status.
DEPARTMENT OF POLITICAL SCIENCE & PHILOSOPHY

Political Science Center: Phone 206-385-1458
Chairman and Professor: Dr. Willard M. Overgaard; Professors: Brinton, Donoghue, Raymond, Skillern; Associate Professors: Barton, Harbison, Kinney, Moncrief, Schoedinger; Assistant Professor: Sallie; Special Lecturer: Kuykendall.

The program of the Department of Political Science is designed to provide the student with a knowledge of political values of the American political system, of the political systems of other areas of the world, and of international politics and institutions; to provide an understanding of the interactions of institutions, groups, and the individual within the framework of the diverse political systems and political relationships; to develop a comprehension of the methodology relevant to the discipline of Political Science in the various substantive areas of concentration, including political philosophy, American 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.

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 Emphasis
2. American Governmental Systems and Processes Emphasis
3. Political Science - International Relations Emphasis
4. Public Administration

As an additional option, major emphasis in Political Science is provided in teacher education preparation.

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>American National Government PO 101</td>
<td>3</td>
</tr>
<tr>
<td>Contemporary Political Ideologies PO 141</td>
<td>3</td>
</tr>
<tr>
<td>International Relations PO 231</td>
<td>3</td>
</tr>
<tr>
<td>Political Behavior PO 298</td>
<td>3</td>
</tr>
<tr>
<td>Senior Seminar (Scope &amp; Meth of Pol Sci) PO 498</td>
<td>3</td>
</tr>
<tr>
<td>Lower Division Electives (Select one requisite to the appropriate area of emphasis)</td>
<td></td>
</tr>
<tr>
<td>State and Local Government PO 102</td>
<td>3</td>
</tr>
<tr>
<td>Public Policy PO 220</td>
<td>3</td>
</tr>
<tr>
<td>Comparative European Govt &amp; Politics PO 229</td>
<td>3</td>
</tr>
</tbody>
</table>

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.
   - a. General University and Core Requirements
   - Political Science Major Requirements
   - 1) LOWER DIVISION
   - Lower Division Courses
   - American National Government PO 101
   - Contemporary Political Ideologies PO 141
   - International Relations PO 231
   - Political Behavior PO 298

2) UPPER DIVISION
   - Upper Division Courses
   - American Political Theory PO 331
   - Comparative Legal Systems PO 451
   - Senior Seminar (Scope & Meth of Poli Sci) PO 498
   - Political Science Electives

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.
   - a. General University and Core Requirements
   - Political Science Major Requirements
   - 1) LOWER DIVISION
   - Lower Division Courses
   - 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
   - Upper Division Courses
   - American Political Theory PO 331
   - Comparative Legal Systems PO 451
   - Senior Seminar (Scope & Meth of Poli Sci) PO 498
   - Political Science Electives

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 society.
   - Students enrolling in this option are advised to prepare themselves adequately in modern foreign languages. The course requirements in Political Science are intended to provide a basis for an interdisciplinary program with additional courses drawn from Foreign Languages, History, Economics, and Sociology.
   - a. General University and Core Requirements
   - Political Science Major Requirements
   - 1) LOWER DIVISION
   - Lower Division Courses
   - 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
   - Upper Division Courses
   - Comparative Foreign Policy PO 311
Comparative Communist Party-State Systems PO 324 3  
Comparative Govt & Politics of  
Developing Nations PO 333 ........................................ 3  
United States Foreign Policy PO 335 ................................. 3  
International Law PO 421 ........................................... 3  
International Organization PO 422 .................................. 3  
Senior Seminar (Scope & Meth of Poli Sci) PO 498 ............. 3  
Political Science Electives ........................................... 9

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 interested in such complementary areas as Public Administration and Economics, Public Administration and Sociology, Public Administration and Psychology, and Public Administration and Communication. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in Computer Science, Psychology, Sociology, History, Economics, and Communication.

a. General University and Core Requirements

Political Science Major Requirements .................................. 45

1) LOWER DIVISION

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Division Courses</td>
<td></td>
</tr>
<tr>
<td>American National Government PO 101</td>
<td>3</td>
</tr>
<tr>
<td>Contemporary Political Ideologies PO 141</td>
<td>3</td>
</tr>
<tr>
<td>Public Policy PO 220</td>
<td>3</td>
</tr>
<tr>
<td>International Relations PO 231</td>
<td>3</td>
</tr>
<tr>
<td>Political Behavior PO 298</td>
<td>3</td>
</tr>
</tbody>
</table>

2) UPPER DIVISION

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Courses</td>
<td></td>
</tr>
<tr>
<td>Intro to Public Administration PO 303</td>
<td>3</td>
</tr>
<tr>
<td>American Chief Executive PO 309</td>
<td>OR</td>
</tr>
<tr>
<td>Public Finance PO 310</td>
<td>3</td>
</tr>
<tr>
<td>Administrative Law PO 467</td>
<td>3</td>
</tr>
<tr>
<td>Intergovernmental Relations PO 469</td>
<td>3</td>
</tr>
<tr>
<td>Organizational Theory &amp; Bureaucratic Structure PO 487</td>
<td>3</td>
</tr>
<tr>
<td>Senior Seminar (Scope &amp; Meth of Polit Sci) PO 498</td>
<td>3</td>
</tr>
<tr>
<td>Political Science Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

5. Political Science - Social Science Secondary Education Option

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

30 Credit Hour Program - 24 Credit Hours Required Courses:

American National Government PO 101 ........................................ 3  
State and Local Government PO 102 ........................................ 3  
Contemporary Political Ideologies PO 141 ................................ 3  
International Relations PO 231 ........................................... 3  
Comparative European Government & Politics PO 229 ........................................ 3  
American Parties and Interest Groups PO 301 OR  
Intro to Public Administration PO 303 OR  
American Chief Executive PO 309 OR  
Legislative Behavior PO 312 ........................................................................ 3  
American Political Theory ........................................................................ 3  
Western Political Theory I or II, PO 441 or 442 ...................................... 3  
Constitutional Law PO 351 .......................................................................... 3  
Political Science Electives-Upper Division ........................................... 6  
Total ........................................................................................................... 30

15 Credit Hour Emphasis - 12 Credit Hours Required Courses:

American National Government PO 101 ........................................ 3  
Contemporary Political Ideologies PO 141 ........................................ 3  
Comparative European Govt & Politics PO 229 ........................................ 3  
International Relations ........................................................................... 3  
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  
Total ........................................................................................................... 15

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 30-15-15 program):

American National Government PO 101 ........................................ 3  
Comparative Political Ideologies PO 141 ........................................... 3  
Comparative European Govt & Politics PO 229 ........................................ 3  
International Relations PO 231 ................................................................... 3  
Upper Division Electives .......................................................................... 6  
Total ........................................................................................................... 18

PHILOSOPHY MAJOR

Bachelor of Arts Degree

The program requirements for a philosophy major and in addition to the necessary requirements to obtain a bachelor of arts degree from Boise State, include 45 hours of philosophy credit, 30 of which are specifically required courses and 15 of which are electives from other various courses in philosophy. The required courses are listed below.

<table>
<thead>
<tr>
<th>Course Offerings</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Philosophy PO 101</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Logic PO 121</td>
<td>3</td>
</tr>
<tr>
<td>Metaphysics PO 221</td>
<td>3</td>
</tr>
<tr>
<td>Epistemology PO 231</td>
<td>3</td>
</tr>
<tr>
<td>Ancient Philosophy PO 249</td>
<td>3</td>
</tr>
<tr>
<td>Medieval Philosophy PO 251</td>
<td>3</td>
</tr>
<tr>
<td>British Empiricists PO 321</td>
<td>3</td>
</tr>
<tr>
<td>The Rationalists PO 331</td>
<td>3</td>
</tr>
<tr>
<td>Contemporary Philosophy PO 351</td>
<td>3</td>
</tr>
<tr>
<td>Ethics PO 211</td>
<td>3</td>
</tr>
</tbody>
</table>

COURSE OFFERINGS

PO POLITICAL SCIENCE

<table>
<thead>
<tr>
<th>Lower Division</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 AMERICAN NATIONAL GOVERNMENT (3-0-3)(F/S) (Area II)</td>
<td></td>
</tr>
<tr>
<td>PO 102 LOCAL GOVERNMENT (3-0-3)(F)</td>
<td></td>
</tr>
<tr>
<td>PO 141 CONTEMPORARY POLITICAL IDEOLOGIES (3-0-3)(F/S) (Area II)</td>
<td></td>
</tr>
<tr>
<td>PO 220 AMERICAN POLICY PROCESS (3-0-3)(S)</td>
<td></td>
</tr>
<tr>
<td>PO 229 COMPARATIVE EUROPEAN GOVERNMENTS AND POLITICS (3-0-3)(F/S)</td>
<td></td>
</tr>
<tr>
<td>American Parties and Interest Groups PO 301................................................</td>
<td></td>
</tr>
<tr>
<td>Intro to Public Administration PO 303 ................................................................</td>
<td></td>
</tr>
<tr>
<td>American Chief Executive PO 309 .....................................................................</td>
<td></td>
</tr>
<tr>
<td>Legislative Behavior PO 312 ...........................................................................</td>
<td>3</td>
</tr>
<tr>
<td>American Political Theory OR ......................................................................</td>
<td>3</td>
</tr>
<tr>
<td>Western Political Theory I or II, PO 441 or 442 .........................................</td>
<td>3</td>
</tr>
<tr>
<td>Constitutional Law PO 351 ............................................................................</td>
<td>3</td>
</tr>
<tr>
<td>Political Science Electives-Upper Division .............................................</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Upper Division</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 301 AMERICAN PARTIES AND INTEREST GROUPS (3-0-3)(F) ................................</td>
<td></td>
</tr>
<tr>
<td>Development of interest groupings and their relation to national and local politics</td>
<td></td>
</tr>
<tr>
<td>PO 302 PUBLIC OPINION AND VOTING BEHAVIOR (3-0-3)(S) ................................</td>
<td></td>
</tr>
<tr>
<td>Development of public opinion and voting behavior</td>
<td></td>
</tr>
</tbody>
</table>

65
PO 303 INTRODUCTION TO PUBLIC ADMINISTRATION (3-0-3/F[S]). 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 involvement of the President in the political and policy-making processes and powers of the Presidency. Presidential campaigns 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 311 COMPARATIVE FOREIGN POLICY (3-0-3[F]). Political institutions, concepts, values, and methods of international politics relevant to practice of nation-states; examination of foreign policies and objectives of world's major powers; analysis of contemporary international problems; consideration of theories of international politics. PREREQ: PO 101 or 231.

PO 312 LEGISLATIVE BEHAVIOR (3-0-3[F]). Analysis of behavior of American state and national legislatures. Special consideration given to impact of constituencies, parties, interest groups, intergroup relations, and other factors on legislators; role of the legislature in American political system.

PO 320 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 relating to political institutions and political processes to define patterns of political relationships. 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 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 these nations will be analyzed. PREREQ: PO 101. Alternate years.

PO 335 UNITED STATES FOREIGN POLICY (3-0-3[F]). Development of diplomacy from founding 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, 234. Alternate years.

PO 441 PART I WESTERN POLITICAL THEORY (3-0-3[F]). Development of political philosophy from Socrates to Machiavelli. Alternate years.

PO 442 PART II WESTERN POLITICAL THEORY (3-0-3[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 idealistic foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. PREREQ: PO 101, 141, 229. Alternate years.

PO 465G COMPARATIVE PUBLIC ADMINISTRATION (3-0-3[F]/S). Systematic examination and comparison of varied models and theories of administrative systems. International and international approaches. 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]/S). Sources of power and duties of administrative agencies, rules and regulations made by agencies through investigation and hearings, judicial decisions and the methods of administrative activities. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. PREREQ: PO 303 or FERMINT.

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

PO 483G ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURES (3-0-3[F]). Socio-political analysis of theories and concepts of contemporary organizations, their application to public administration and the inter-relationship 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 department for an internship program. The legislative internship is a part of this program, and applications should be made in early October for consideration.

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 concerns; technique of scientific political investigation as they relate to improved research methods. Required of all political science majors.

PY 101 INTRODUCTION TO PHILOSOPHY (3-0-3[F]/S). Area I. General background in various areas of the discipline. Specific philosophical problems examined, based on solutions by various philosophers in western culture. Areas examined include metaphysics, ethics, and epistemology.

PY 121 INTRODUCTION TO LOGIC (3-0-3[F]). Science of valid reasoning, including logical rules of inference, methods of argumentation, logical problem-solving and nature of logical fallacies.

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

PY 251 PHILOSOPHY OF RELIGION (3-0-3[F]/S). Various arguments for existence of God. Various conceptions of the nature of God. Problem of evil and problem of free will.

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

PY 247 EPISTEMOLOGY (3-0-3[F]). Theory of knowledge, including (a) examination of relations between knowledge and belief, (b) evaluation of theories of perception, and (c) theories of truth. PREREQ: PY 101.

PY 249 ANCIENT PHILOSOPHY (3-0-3[F]). Selected works of Plato and Aristotle. PREREQ: PY 101.

PY 251 MEDIEVAL PHILOSOPHY (3-0-3[S]). Works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, William of Ockham and other contributions to intellectual thought during the Middle Ages.

PY 261 AESTHETICS (3-0-3[F]). This course is directed toward such questions as "What is Art?" "What criteria does one employ to determine good art from bad art?" Aesthetics is ultimately concerned with the nature of beauty. PREREQ: PY 101.

Upper Division

PY 303 THE AGE OF ABSOLUTISM AND REASON (PHILOSOPHY) (3-0-3[F]). European thought in the seventeenth and eighteenth centuries. Ideas of the philosophers and the crisis of the old regime leading to revolutions. May be taken for History credit or for Philosophy credit, but not for both. PREREQ: PY 101. Alternate years.

PY 321 THE BRITISH EMPIRICISTS (3-0-3[S]). This course covers one of the two basic schools of modern philosophy which focuses on the theories of perception. Selected works of Locke, Berkeley, and Hume are examined. PREREQ: PO 101.

PY 334 THE RATIONALISTS (3-0-3[S]). This course covers the second basic school of modern philosophy which focuses upon reason as the unique element of knowledge. Selected works from Descartes, Leibniz, and Spinoza are considered. PREREQ: PO 101.

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

PY 351 CONTEMPORARY ANALYTIC PHILOSOPHY (3-0-3[S]). This course examines the methods of logical positivism, presented through the works of Russell, Wittgenstein, and Ayer. It also relates the alternative to positivism as expressed through the later works of Wittgenstein. Also to be examined are selected papers of Moore and Russell. PREREQ: PY 101.

PY 404 SYMBOLIC LOGIC (3-0-3[S]). Translation of natural language statements into symbolic form for the purpose of hiding them of ambiguity and of making deductions through rules of propositional calculus. PREREQ: PY 121.

PY 406 PHILOSOPHY OF SCIENCE (3-0-3[F]). Examination of such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities.

DEPARTMENT OF SOCIAL WORK

Education Building, Rm. 713 Phone 208-385-1568

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

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

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

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

Community centers, psychiatric and general hospitals and service centers for the aged also seek qualified social workers and offer varied career opportunities. Equally challenging opportunities exist in public and private agencies that deal with problems of housing and urban renewal, public health, community mental health, social welfare planning and fund-raising, race relations, and the many other concerns that become especially acute both in changing neighborhoods of large cities and in depressed rural and industrial areas. Social work practice is...
BACHELOR OF ARTS DEGREE

SOCIAL WORK MAJOR

1. TOTAL Requirements
   General University and Major Requirements 128

2. LOWER DIVISION
   Lower Division Courses 60
   English Composition E 101,102 6
   Literature (Core) 6
   Humanities (Core) 6
   History (Core) 6
   Concepts of Biology B 100 4
   Lab Science and-or Math 8
   Communication (Core) 3
   Economics (Core) 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

3. UPPER DIVISION
   Upper Division Courses 42
   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-Groupwork SW 435 3
   Psychology Electives 0
   Field Work SW 480,481 3
   General Electives 3
   Senior Seminar SW 498,499 2

4. ELECTIVES
   General Electives-Lower - Upper Division 26

COLLEGE OF ARTS & SCIENCE

SENIOR YEAR:

Field Work SW 480,481 5
Senior Seminar SW 486, 499 1
Social Work Methods-Groupwork SW 435 3
Social Work Methods-Community Organ SW 430 3
Lower or Upper Division Electives 3

11

17

COURSE OFFERINGS

SW SOCIAL WORK

Lower Division

SW 101 INTRODUCTION TO SOCIAL WORK (3-0-3) (AREA II). Survey of the historical development and contemporary practice of social work; values, knowledge base, skills, the underlying philosophy and the need for social services in society. Social work functions and career opportunities are delineated.

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

Upper Division

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

SW 321 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT (3-0-3). Human systems framework, age-related stages of development with special attention to life crises related to each stage, identifying developmental tasks with which social work interventions are especially concerned. Develops key concepts in understanding feminist, racial and ethnic and alternative 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 interacts with other Social Work methods. PREREQ: SW 301, 321.

SW 305 SOCIAL WORK METHODS-CASEWORK (3-0-3). An examination of skills employed to serve individuals and families; communication skills, problem solving process and case recording. PREREQ: SW 301, 321.


SW 435 SOCIAL WORK METHODS-GROUPWORK (3-0-3). Dynamics of group behavior, understanding group interaction and the processes of working with groups. PREREQ: SW 301,321, student practices with supervision of professionally trained and experienced social worker. Juniors must apply for admission to field work prior to their second semester. PRE-REQ: SW 360, 385, PERM/INST, contingent on GPA 2.5 cumulative and 3.0 in Social Work courses.

SW 481 FIELD WORK II (0-16-5). Continuation of Field Work I. PREREQ: SW 480 and PERM/INST.

SW 498 SENIOR LEVEL SEMINAR (1-0-1). Continuation of SW 498. Must be taken concurrently with SW 481.

DEPARTMENT OF SOCIOLOGY, ANTHROPOLOGY, CRIMINAL JUSTICE ADMINISTRATION

Library Building, Room 218 Phone 208-385-3406

Chairman and Professor: Dr. Max. G. Pavesic; Professors: Baker, Dorman, Pavesic, Scheffer; Associate Professors: Ames, Christensen, Cox, Hopfenbeck; Assistant Professors: Blaine, Conlin, Foraker-Thompson.

The Department of Sociology, Anthropology and Criminal Justice Administration is responsible for the following six degree programs:

ASSOCIATE DEGREE

Criminal Justice Administration
Social Science (MHAFB only)
COLLEGE OF ARTS & SCIENCE

BACHELOR DEGREE

Anthropology
Anthropology - Social Science Secondary Education Option
Criminal Justice Administration
Social Science
Sociology
Sociology-Social Science Secondary Education Option
Multi-Ethnic Studies

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.

ANTHROPOLOGY - Bachelor of Arts Program

1. Liberal Arts Option
   a. General University and Basic Core Requirements
   b. Anthropology Requirements
      1) Lower Division Courses
         a. Cultural Anthropology AN 102
         b. Intro to Archaeology AN 103
      2) Upper Division Courses
         a. Anthropology of Latin America AN 318
         b. Intro to Archaeology AN 103
      3) Other Upper Division Courses
         a. Group I Courses
         b. Group II Courses
         c. Group III Courses
         d. Seminar in Archaeology AN 421
   c. Recommended Electives
      1. One year of a foreign language; a computer application course; and LI 305 Introduction to Linguistics.

2. Anthropology - Social Science Secondary Education Option

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

   a. Anthropology Courses
   b. Secondary Education Requirements
   c. State Department of Education Certification Requirements, Social Studies
      1. U.S. History
      2. 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 2 of the following academic disciplines:
         a. Economics
         b. History
         c. Political Science
         d. Sociology

3. Anthropology Minor Option
   a. Liberal Arts Minor

Completion of the following courses

- Physical Anthropology AN 101
- Cultural Anthropology AN 102
- Intro to Archaeology AN 103
- Peoples & Cultures of the World AN 311
- Upper Division Anthropology Electives

b. Anthropology Education Minor Option

- Physical Anthropology AN 101
- Cultural Anthropology AN 102
- Upper Division Anthropology Electives

CRIMINAL JUSTICE ADMINISTRATION

BACHELOR OF ARTS 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:

- English Composition E 101-E102
- Introduction to Business EC 100
- Introduction to Criminal Justice CR 200
- General Psychology P 101
- American National Government PO 101
- Criminal Law CR 201
- Contemporary Law Enforcement CR 301
- Law of Arrest, Search & Seizure CR 275
- Criminal Justice Research & Evaluation CR 426
- Field Practicum-Corrections CR 490
- Interviewing & Counseling in Crime Just CR 341

CRIMINAL JUSTICE ADMINISTRATION

BACHELOR OF SCIENCE DEGREE

SPECIALTY AREA COURSES:

1. Law Enforcement
   a. Defenitive Tactics PE 192
   b. Law of Criminal Evidence CR 275
   c. Law of Arrest & Search CR 276
   d. Police Organization & Management CR 351
   e. Criminal Justice Research CR 426
   f. Field Practicum-Enforcement CR 490

2. Courts/Law
   a. Law of Criminal Evidence CR 275
   b. Law of Arrest, Search & Seizure CR 276
   c. Judicial Admin & Court Management CR 381
   d. Criminal Justice Planning CR 425
   e. Comparative Law Enforcement Admin CR 451
   f. Field Practicum-Courts-Law CR 490

3. Corrections/Counseling
   a. Corrections in the Community CR 331
   b. Interviewing & Counseling in Crime Just CR 341
   c. Criminal Justice Research & Evaluation CR 426
   d. Field Practicum-Corrections CR 490
   e. Criminal Justice Elective

Electives to total 128

Credits

English Composition E 101-E102 6
Introduction to Business EC 100 3
Introduction to Criminal Justice CR 200 3
General Psychology P 101 3
American National Government PO 101 3
Criminal Law CR 201 3
Law of Arrest, Search & Seizure CR 275 3
Criminal Justice Research & Evaluation CR 426 3
Field Practicum-Corrections CR 490 6
Interviewing & Counseling in Crime Just CR 341 3
Criminal Justice Research & Evaluation CR 426 3
Field Practicum-Corrections CR 490 6
Criminal Justice Elective 3
Electives to total 128 21
### Sociology - Social Science

#### Bachelor of Arts and Bachelor of Science Programs

1. Completion of general University requirements for the Bachelor of Arts or Bachelor of Science degree as given in Part 3 of the 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 twenty-three (23) hour major core consisting of the following courses:
     - Introduction to Sociology SO 101
     - Computer Applications in Social Science SO 201
     - Theories of Society SO 210
     - Elementary Social Statistics SO 310
     - Social Research SO 311
     - History of Sociology SO 401
     - Contemporary Sociological Theory SO 402
     - Sociology Seminar SO 498

### Associate of Science Degree (Two Year) (Suggested Scheduling)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1st SEM</th>
<th>2nd SEM</th>
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<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Science or Mathematics</td>
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<tr>
<td>Social Justice CR 101</td>
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<tr>
<td>American National Government PO 101</td>
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<tr>
<td>Introduction to Sociology SO 101</td>
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<tr>
<td>Fundamentals of Speech Comm CM 111</td>
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<tr>
<td>State Local Government PO 102</td>
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<td>Intro to Criminal Justice Admin CR 201</td>
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<td>Defensive Tactics FA 141</td>
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#### FRESHMAN YEAR: Fall Spring

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<tr>
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<tbody>
<tr>
<td>Intro to Information Sciences IS 210</td>
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<tr>
<td>Intro to Financial Accounting AC 205</td>
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<tr>
<td>Police in the Community CR 215</td>
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<tr>
<td>Law of Criminal Evidence CR 275</td>
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<tr>
<td>Humanities</td>
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<tr>
<td>History</td>
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<tr>
<td>General Psychology P 101</td>
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<tr>
<td>Law of Arrest, Search &amp; Seizure CR 276</td>
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<td>Electives</td>
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#### Associate of Science Degree (Two Year) (Suggested Scheduling)

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<tr>
<th></th>
<th>1st SEM</th>
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<tr>
<td></td>
<td>9</td>
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<tr>
<td>a. Lower Division Courses</td>
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<tr>
<td>Anthropology</td>
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<tr>
<td>Economics</td>
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<tr>
<td>Political Science</td>
<td>3</td>
<td>-</td>
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<tr>
<td>Sociology</td>
<td>3</td>
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</tr>
</tbody>
</table>
| b. Upper Division Courses (select from the following combinations—12 credits in one field and 6 credits in two other fields)
| Anthropology | 3       | -       |
| Economics | 3       | -       |
| History | 3       | -       |
| Political Science | 3      | -       |
| Sociology | 3       | -       |

### Sociology Major Degree Program

Following is a suggested sequence of courses for the Bachelor of Science degrees.

#### FRESHMAN YEAR: Fall Spring

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Science: Mathematics (core)*</td>
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<tr>
<td>Introduction to Sociology SO 101</td>
<td>3</td>
<td>-</td>
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<tr>
<td>Cultural Anthropology AN 102 Recommended</td>
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<td>-</td>
</tr>
<tr>
<td>American National Government PO 101</td>
<td>-3</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Philosophy PY 101 Recommend</td>
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<tr>
<td>History of Western Civilization HY 101 Recom</td>
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<tr>
<td>Area II Elective</td>
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#### SOPHOMORE YEAR: Fall Spring

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<tbody>
<tr>
<td>Literature Elective (core)</td>
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<td>Science: Mathematics Elective</td>
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<tr>
<td>General Psychology P 101 Recommended</td>
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<tr>
<td>Theories of Society SO 201</td>
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<tr>
<td>Computer Applications, So Sci SO 210</td>
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<td>-</td>
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<tr>
<td>Area I Electives (core)</td>
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<tr>
<td>Science Electives for B.S. OR</td>
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<tr>
<td>Foreign Lang. Elect. for B.A.</td>
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<tr>
<td>Area II Elective</td>
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#### JUNIOR YEAR: Fall Spring

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<tr>
<td>Elem Social Statistics SO 310</td>
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<tr>
<td>Social Research SO 311</td>
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<tr>
<td>Emphasis: General: Applied</td>
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<td>Minor Emphasis</td>
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<td>Electives</td>
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#### SENIOR YEAR: Fall Spring

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<tbody>
<tr>
<td>History of Sociology SO 401</td>
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<tr>
<td>Contemporary Soc Theory SO 402</td>
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<tr>
<td>Emphasis: General: Applied</td>
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<td>3</td>
</tr>
<tr>
<td>Minor Emphasis</td>
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<td>3</td>
</tr>
<tr>
<td>Sociology Seminar SO 498</td>
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<td>-</td>
</tr>
<tr>
<td>Electives</td>
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</tr>
</tbody>
</table>

* B 100 Concepts of Biology and M 100 Cultural Approach to Math are strongly recommended.

**b.** A nine (9) credit hour track emphasizing either 1) General Sociology or 2) Applied Sociology. The General track will serve 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

   **OR**

2) **APPLIED SOCIOLOGY**
   - Advanced Social Statistics SO 410
   - Advanced Research Methods SO 411
   - Sociology Internship SO 493

3) 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 disciplines of Economics, History, Political Science, Anthropology, and Sociology. Each discipline provides a major curriculum of not less than 30 credit hours. In addition, each of the previously listed departments, with the inclusion of Geography and Psychology, provide for a minor curriculum of not less than 15 credit hours with the addition of 6 hours of F.U.S. History, as a
certification requirement. A student enrolled in a Social Science Secondary Education Option must include one major curriculum and two minor curricula in the degree program. The student is assigned to the department with the major curriculum.

The 30 hour Social Science Curriculum Major in Sociology consists of 23 hours required of all Sociology majors plus 9 credit hours of Upper Division Sociology.

ANTHROPOLOGY

Social Science Minor

Required Courses AN 101, 102, 311 ........................................ 9
Anthropology Electives, Upper Division ...................................... 6

SOCIOLOGY

Social Science Minor

Required Course SO 101 ..................................................... 3
Sociology Electives-Half must be Upper Div ............................ 12

Minor certification endorsements for teaching areas are listed in this Catalog on page 100 of the Department of Teacher Education Section within the College of Education.

MULTI-ETHNIC STUDIES

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 provide themselves with an understanding of tradition, cultures, languages, problems, and perspectives.

The program is supervised by an interdisciplinary group of faculty and students. Prospective majors may contact Dr. John Jensen, Department of Teacher Education; Dr. P.K. Ourada, Department of History; A.R. Corbin, Department of Sociology, Anthropology and Criminal Justice Administration; or Dr. Mamie Oliver, Department of Social Work, to develop program of study.

BACHELOR OF ARTS DEGREE

1. General University Requirement ........................................ 51
2. Ethnic Studies Requirements

a. Lower Division Courses

   Intro to Multi-Ethnic Studies SO 230 .................................. 3
   Cultural Anthropology AN 102 ........................................ 3
   Ethnic Literature Courses ............................................ 6
   Minorities in U.S. History HY 261 ................................... 3

b. Upper Division Courses ............................................... 3
   Upper Division Courses .............................................. 3
   Ethnic Courses Electives ............................................. 30
   (List of approved Course Offerings available from Program Supervisors)

3. General Electives ..................................................... 29
   General Electives ..................................................... 128

Multi-Ethnic Studies Minor

A. Requirements

   Intro to Multi-Ethnic Studies SO 230 .................................. 3
   Minorities in U.S. History HY 261 ................................... 3
   Ethnic Literature Courses ............................................ 3

B. Ethnic Courses Electives ............................................. 12
   List of approved courses available from Program Supervisors.

COURSE OFFERINGS

AN ANTHROPOLOGY

Lower Division

AN 101 PHYSICAL ANTHROPOLOGY (3-0-3)(Area II). An introduction to the fossil evidence for human evolution, genetics, modern human variation, the study of living primates, and the relationship between biology and culture. AN 102 CULTURAL ANTHROPOLOGY (3-0-3)(Area II). The meaning of culture: its significance for human beings, similar and diverse forms and degrees of elaboration of culture in relation to technology, economic systems, social organization, value and beliefs. AN 103 INTRODUCTION TO ARCHEOLOGY (3-0-3)(Area II). An introduction to the historical background and basic techniques of anthropological archaeology. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, activities and histories. PREREQ: AN 101 or AN 102, Upper Division status, or PERM/INST.

AN 303 OLD WORLD PREHISTORY (3-0-3)(F/S). A survey of cultural evolution from the first known evidence of cultural behavior (ca. two million years ago) to the domestication of plants and animals and the rise of civilization. Special emphasis is placed on the development of civilizations. PREREQ: AN 102 or AN 103, Upper Division status, or PERM/INST.

Upper Division

AN 305 PEOPLES OF THE PACIFIC ISLANDS (3-0-3)(F/S). Survey of peoples and cultures of Oceania - including Polynesia, Melanesia, Micronesia, New Guinea and Australia. From Pre-European contact to the present. Theories of settlement, cultural diversity; effects of European colonization and WWII, contemporary island cultures. PREREQ: Upper Division Status or PERM/INST. Alternate years.

AN 307 INDIANS OF NORTH AMERICA (3-0-3)(F/S). A general survey emphasizing the description and analysis of native cultures and the role of environment and historical factors in North America. PREREQ: Upper Division status or PERM/INST.

AN 311 PEOPLES AND CULTURES OF THE WORLD (3-0-3)(F/S). A general world-wide survey of selected non-industrial cultures with emphasis on cultural diversity, cultural adaptation, historical development and results of contact with the Industrial World. PREREQ: AN 102, Upper Division status or PERM/INST.

AN 312 ARCHEOLOGY OF NORTH AMERICA (3-0-3)(F/S). A survey of prehistoric cultures of North America north of Mexico. The course includes a history of ideas about native American origins and antiquities along with demonstrating regional societal complexity on the continent. Special emphasis is given to the study of early man and the cultures of the Eastern Woodlands, the American Southwest and the intermountain West. PREREQ: Upper Division status or PERM/INST.

AN 315 INDIAN PEOPLES OF IDAHO (3-0-3)(F/S). A study of the prehistoric and recent cultures of the native peoples of Idaho. Topics will include the interpretation of ancient Idaho culture, the influence of history and culture on the present, and the relationship between past and present Idaho societies to those of the Great Basin, Interior Plateau and Northern Plains. PREREQ: Upper division status or PERM/INST.

AN 318 ARCHEOLOGY OF LATIN AMERICA (3-0-3)(F/S). An examination of the pre-columbian civilizations of Latin America with emphasis on those of Mexico and Central America, particularly the Maya and Aztec. PREREQ: Upper division status or PERM/INST.

AN 325 HUMAN EVOLUTION (3-0-3)(F/S). An examination of human evolution during the past 5 million years with emphasis on evolutionary theory and both the human fossil record and patterns of variability among humans. PREREQ: AN 101 or 102, Upper Division status or PERM/INST. Alternate years.

AN 401 HISTORY OF ANTHROPOLGY (3-0-3)(F/S). An historical investigation of scientific events leading to the development of the basic concepts, theories and methods of anthropology. Secondary anthropological contributions by A. L. Kroeber, Margaret Mead, Franz Boas, Julian Steward, B. Malinowski, and others will be used as reference points for presented materials and classroom discussions. PREREQ: AN 102, Upper Division status or PERM/INST.

AN 409 ANTHROPOLGY OF EDUCATION (3-0-3)(F/S). An examination of the cultural and 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 ARCHEOLOGY (3-0-3)(S). A survey of the philosophical and theoretical foundations of archeology, including the 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 100, Upper Division status or PERM/INST.

CR CRIMINAL JUSTICE ADMINISTRATION

Lower Division

CR 101 SOCIAL JUSTICE (3-0-3)(S). Study of basic issues of law as a means of social control including broader issues of social justice such as poverty, racism, sexism, alienation. Provides foundation for examining relevant critical issues in American society.

CR 201 INTRODUCTION TO CRIMINAL JUSTICE ADMINISTRATION (3-0-3)(F). Philosophy, history, objectives and functions of the criminal justice system as a social institution. The relationship of this system to society; general overview of the administration of justice.

CR 215 POLICE IN THE COMMUNITY (3-0-3)(F). A study of police behavior in urban and rural areas with an emphasis on the police response to community change, attitudes, special interest groups, and minority relations. PREREQ: CR 201.

CR 276 LAW OF ARREST, SEARCH AND SEIZURE (3-0-3)(S). A highly concentrated study of the legalities and decision making processes associated with arrest, search and seizure in accordance with statutes, case law and Supreme Court decisions as they relate to constitutional protections. PREREQ: CR 201.

Upper Division

CR 301 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 331 CORRECTIONS IN THE COMMUNITY (3-0-3)(S). Development, organization, operation and results of post-conviction release programs. Traditional court and institutionally supervised probation and parole, work release, halfway houses, diversion, furlough concept and other community corrections agency rehabilitative programs of both traditional and innovative nature. PREREQ: CR 201 or SO 101.

CR 340 INTERVIEWING AND COUNSELING IN CRIMINAL JUSTICE (3-0-3)(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 362 CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3-0-3-0) (COSM). The historical development, processes, and methods of operating the adult correctional system. Detailed study of the philosophy and development of treatment strategies in local, state, and federal correctional institutions. PREREQ: CR 362. Upper division CJA standing.

CR 385 CRIMINAL JUSTICE PLANNING (3-0-3-0). Study of planning concepts and models to provide the student with skills in criminal justice planning, policy analysis and planning a program. Use of planning and analytical tools to review current issues in the system. PREQ: Upper division CJA standing.

CR 426 CRIMINAL JUSTICE RESEARCH AND EVALUATION (3-0-3). 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. PREQ: CR 425, upper division CJA standing, or PERMINIST.

CR 451 COMPARATIVE LAW ENFORCEMENT ADMINISTRATION (3-0-3-0). An analysis and comparison of law enforcement systems at the federal, state, and local levels and international systems. PREREQ: CS 101, SO 101, upper division standing. Alternate years. CR 385.

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 JABS students within the first year of full-time criminal justice experience. Recommended during summer following junior year; fall/spring by special permission.

SO SOCIOLOGY

Lower Division

SO 101 INTRODUCTION TO SOCIOLOGY (3-0-3)(Area II). Groups, organizations and societies. Their impact on human behavior. Emphasis on sociological perspectives, concepts, methods, and applications in areas such as organization, socialization, inequality, institutions, intergroup relations, change, and others.

SO 102 SOCIAL PROBLEMS (3-0-3)(Area II). Problems that arise due to breakdown of norms and values common to society, the causes not the 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). An informative study and discussion of mate selection, marital relationships, and adjustments, and related subjects, each explored for its meaning in popular culture, but usually ignored as a 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). Examination of the moral and social concepts of sociology. Sociology's role in the development of the individual.

SO 203 FUTURISITICS (3-0-3). Examination of the variety of forecasts about industrial societies and of the critical problems of contemporary societies: growth, environment, energy, technology, resources, and quality of life. Possible solutions will be reviewed.

SO 210 COMPUTER APPLICATIONS IN SOCIAL SCIENCE (3-0-3)(F/S). The objectives of this course are to familiarize students with the emerging field of computer applications and 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)(Area II). This course views society as a separate perspective within Social Science. Major insights of sociological writers of this period. PREQ: SO 310 and Upper Division Status.


SO 415 JUVENILE DELINQUENCY (3-0-3)(S). Social causes of juvenile delinquency. Solutions to the problems discussed are analyzed with special emphasis on the factors which contribute to juvenile delinquency.

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. PREQ: SO 101, Upper division standing.

SO 421 SOCIAL INEQUALITY (3-0-3). How inequalities of wealth, income and prestige occur. How such inequalities affect styles of behavior, personal philosophy and life chances. For arguments 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 policies of wealth and welfare. PREQ: SO 101 and Upper Division Status. Alternate years.

SO 425 URBAN COMMUNITY AND PLANNING (3-0-3)(F). A policy oriented approach to urban society and the planning for the urban future. The role of the community in shaping the urban future. The role of planning, urban renewal, public policy and their human consequences will be examined. PREQ: SO 101 and Upper Division Status. Alternate years.

SO 431 SOCIAL PSYCHOLOGY (3-0-3)(F/S). The influence of social and cultural factors on individual behavior, perception, and attitude, including the effects of groups on their members. This course may be taken for either Psychology or Sociology credit, but not for both. PREQ: SO 101, P 101 and upper division standing.

SO 457 ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURE (3-0-3)(F). An examination of complex formal organizations and policies, 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. PREQ: Senior standing. PERMINIST.

SO 500 SOCIETY SEMINAR (2-3-3-0). Intensive study of selected problems in Sociology. PREQ: Senior standing. Sociology major.
# Theatre Arts Major - Bachelor of Arts Degree

**General University Requirements, except**

1. Theatre Symposium TA 010, required each semester of every Theatre Major.
2. Physical Education Courses (as recommended by Advisor, fencing, dance, gymnastics, etc.)
3. Area I
   - Intro to Theatre and Art or Music
   - Dramatic Literature
   - Elective Literature Course
4. Area II
   - History of Western Civilization
5. The Department recommends that Theatre Arts Majors take one year of Foreign Language and LS 101 or 102.

## MAJOR SUBJECT REQUIREMENTS

### THEATRE:

- Introduction to Theatre TA 107
- Technical Theatre TA 117-118
- Acting (Lower Division) TA 215
- Stage Voice TA 233
- World Drama TA 341,342,343
- Directing TA 401
- Theatre History TA 421,422
- Contemporary Drama TA 445

JUNIOR YEAR:

- Major Production Participation (2 hr LD, 2, UD) TA 231,331

### SECONDARY EDUCATION EMPHASIS:

#### FRESHMAN YEAR:

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<th>Subject</th>
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<td>Technical Theatre TA 117-118</td>
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<td>Acting (Lower Division) TA 215</td>
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<td>Stage Voice TA 233</td>
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<td>World Drama TA 341,342,343</td>
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<tr>
<td>Contemporary Drama TA 445</td>
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#### SOPHOMORE YEAR:

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<td>Stage Voice</td>
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<td>Western Civilization</td>
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<td>Electives</td>
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#### JUNIOR YEAR:

- Foreign Language | 4 | 4 |
- Dramatic Literature | 3 | 3 |
- World Drama | 3 | 3 |
- Theatre History | 3 | 3 |
- Electives, Upper Division | 6 | 6 |

#### SENIOR YEAR:

- Directing | 3 | 3 |
- Theatre History | 3 | 3 |
- Secondary School Methods | 3 | 3 |
- Student Teaching | 9 | 9 |
- Electives | 6 | 6 |

**ENGLISH MINOR FOR THEATRE ARTS**

Secondary Education Option: See recommended minor listed in the BSU 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 | 18 |
COURSE OFFERINGS

TA THEATRE ARTS

Lower Division

TA 010 THEATRE SYMPOSIUM (no credit)(F/S). A forum for the presentation and discussion of appropriate theatre-related topics and activities. Class meets weekly. Required of all full time Theatre Arts majors each semester, but open to any person. Theatre Arts majors may miss no more than four sessions in one semester.

TA 107 INTRODUCTION TO THEATRE (3-0-3)(AREA E). A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theatre, dramatic literature and production techniques.

TA 117-118 TECHNICAL THEATRE (3-4-4)(F/S). Provides the student with a practical knowledge and skill in the principles of the technical aspects of theatre, the mechanical characteristics of the stage and the elements used in productions, development of drafting skills, problem solving in staging, and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required.

TA 122 STAGE MAKE-UP (3-0-3)(F). Investigation and production analysis of stage makeup; the relationship of actor to play and audience, an integration of make-up and other technical aspects that influence this particular art. Practical application emphasized.

TA 212, 412 MOVEMENT AND DANCE FOR THE PERFORMING ARTIST (3-0-3). For the theatre student and the experienced dancer. The first half of the semester covers improvisation, simple choreography and ballet barre work. The second half covers jazz warm-ups and choreography, culminating in a formal performance. The second half requires much out-of-class work. The class may be repeated once for credit. Maximum credits: 6.

TA 215-216 ACTING (1-0-3). Enact study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated.

TA 220 CINEMA: HISTORY AND AESTHETICS (3-0-3). An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form.

TA 230 TELEVISION: HISTORY AND AESTHETICS (3-0-3)(S). An examination of television as an entertainment medium from critical and historical points of view. Course includes a study of dramatic and comic types, the development of specialized programming, and the social and commercial influences on program content.

TA 231, 331 MAJOR PRODUCTION PARTICIPATION (2-0-1). Significant participation in a major college production in some phases of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours.

TA 232, 432 REPERTORY THEATRE (3-0-3). The study and practice of theatre repertory with emphasis on rehearsal and production. Some arranged hours outside of the regularly scheduled class time. Maximum credits: 6.

TA 233 STAGE VOICE (3-0-3)(F/S). Techniques and practice in the use of the voice in the theatre with emphasis on diction, projection, and vocal flexibility as applied in work with actual scenes.

TA 281 PUPPETRY (3-0-3)(F/S). An introduction to the art and craft of puppetry. Emphasis in the class will be on the actual construction of puppets and the creation of puppet plays.

TA 287 CHILDREN'S THEATRE (3-0-3). An examination of the literature, theory and history of theatre for children.


Upper Division

TA 311 ADVANCED ACTING (3-0-3)(F/S). Intensive study in the problems of the actor in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. PREREQ: TA 215-216 or PERM/INST. Alternate years.

TA 341 WORLD DRAMA 500BC-1570 (3-0-3)(F). Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate years.

TA 342 WORLD DRAMA 1570-1870 (3-0-3)(F). Same as TA 341, except that the period covered is from 1570 to 1870. Alternate years.

TA 343 WORLD DRAMA 1870-1960 (3-0-3)(F). Same as TA 341 except that the period covered is from 1870 to 1960. Alternate years.

TA 351 ELEMENTS OF SCENIC DESIGN (3-0-3)(F). Major skills of beginning design, included will be art techniques for the theatre, research in major periods of scenic design, examination of major designers' works, and practical experience in designing for all major types of stages. PREREQ: TA 117-118.

TA 352 COSTUME DESIGN (3-0-3)(S). Major skills of beginning costume design, included will be art techniques for theatre, research in major periods of costume design, examination of major costume designers, works and practical experience in designing for all manner of productions. PREREQ: TA 351.

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.

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 411-422 THEATRE HISTORY (3-0-3)(F/S). Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 BC through approximately 1550 AD; the second semester from the Elizabethan period through the end of the 18th century.


TA 491 SENIOR PROJECTS (3-0-3)(S). 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.
The college of Business at Boise State University is an evolving product of a growing and changing State of Idaho. The College’s overall purpose is to provide a professional education that focuses on the development of competencies that enhance a person’s capacities for informed and socially responsible decision making in both the private and public sectors of our economy. Teaching is recognized as the major responsibility of the faculty. The University setting in the State Capital and population center which does not offer community college opportunities establishes additional and special demands to respond to community needs beyond traditional University education. In all cases, the College of Business is committed to offer high quality programs in business administration. Specific objectives are to:

1. Prepare graduates for entrance level positions in various management and functional areas of business,
2. Prepare graduates for entrance into graduate schools,
3. Provide graduate programs as developed to meet community and regional needs,
4. Within resource limitations, prepare individuals for competencies requiring less than four year courses of study,
5. Offer courses designed to give nonbusiness students an understanding of the free enterprise system and the operation of business firms within the system,
6. Serve the nonstudent population of Idaho by offering management development programs and faculty expertise through consulting and applied research.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration (BBA) degree is available by completing all requirements for that degree as described on page 31 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 (See pgs 30-31 for BA or BS requirements.) Faculty advisors should be consulted about these additional requirements.

Transfer of Credits. In general, the College of Business limits transfer of credits for business courses which apply to business degree requirements only to such courses as it offers 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.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU College of Business faculty members. Academic credit along with financial compensation is possible.
**DEPARTMENT OF ACCOUNTING**

Business Building, Rm. 214 Phone (208)385-3461
Chairman and Associate Professor: Dr. Gordon Pirrong; Professor: Merz; Associate Professors: Gingras, Medlin, Nix; Assistant Professor: Millier; Special Lecturers: Boyli, Chatwood, Ellis, Ilett, Ruby, Sellers.

**MAJORS IN ACCOUNTING**

**ACCOUNTING PROGRAM** Bachelor of Business Administration Degree

**FRESHMAN YEAR:**

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<td>Mathematics M 105-106 or M 111-204</td>
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<td>Core Electives (Area I, II)</td>
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<td>Non-business Electives</td>
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**SOPHOMORE YEAR:**

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<td>Intro to Managerial Accounting AC 206</td>
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<tr>
<td>Principles of Economics EC 201-202</td>
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<td>Intro to Information Science IS 210</td>
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**JUNIOR YEAR:**

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<tr>
<td>AC 304 INTERMEDIATE ACCOUNTING I (3-0-3/F)</td>
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<td>AC 352 MANAGERIAL ACCOUNTING (3-0-3/F)</td>
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<td>Advanced Accounting I, II AC 460-470</td>
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<td>Auditing AC 405</td>
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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 GB 450</td>
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**SENIOR YEAR:**

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<td>AC 304 INTERMEDIATE ACCOUNTING II (3-0-3/F)</td>
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**AC ACCOUNTING**

**LOWER DIVISION**

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**UPPER DIVISION**

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**COURSE OFFERINGS**

**AC ACCOUNTING**

**LOWER DIVISION**

- AC 205 INTRODUCTION TO FINANCIAL ACCOUNTING (3-0-3)
- AC 304 INTERMEDIATE ACCOUNTING I (3-0-3/F)
- AC 352 MANAGERIAL ACCOUNTING (3-0-3/F)

**UPPER DIVISION**

- AC 401: PRINCIPLES OF INCOME TAXATION
- AC 402: ADVANCED INCOME TAXATION
- AC 403: PRINCIPLES OF INCOME TAXATION
- AC 404: INTRODUCTION TO MANAGERIAL ACCOUNTING (3-0-3)

**SPECIALIZED COURSES**

- AC 205: INTRODUCTION TO MANAGERIAL ACCOUNTING
- AC 304: INTERMEDIATE ACCOUNTING I
- AC 352: MANAGERIAL ACCOUNTING

**DEGREE PROGRAMS**

- Bachelor of Business Administration
- Bachelor of Science in Accounting

**GRADUATION REQUIREMENTS**

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
   - Business Law GB 202
   - Information Science IS-210, Statistics DS-207, with grades of C or better.

**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
   - Business Law 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 the appropriate deadline (three months or more prior to beginning of Fall, Spring or Summer sessions.)

**BACHELOR DEGREE PROGRAMS**

**NOTE:** The student will find under each major the particular course of study to follow. Where the term "General Electives" or "Area I, II, or III" appear, refer to the inclusive listing of courses in the areas in Part II.

**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.**

**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:**

- Applied Business Communication AS-328
- Principles of Management MG-301
- Principles of Marketing MK-301
- Principles of Finance 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.
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 420 SYSTEMS ANALYSIS AND DESIGN (3-0-3). Concepts and techniques of design of information systems. Topics include systems theory, data collection, classification, transmission and display, on-line systems and time sharing. Credit may not be earned for both IS 420 and AC 420. Offered when possible. PREREQ: AC 306.

AC 440-440G ACCOUNTING THEORY (3-0-3)(F). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination and the measurement process in accounting. May be taken for graduate credit. 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 ADVANCED ACCOUNTING I (3-0-3)(F). Study of partnership organization, business combinations and consolidated financial statements: international accounting standards. PREREQ: AC 450. First offering of this course will be in Fall semester 1985.

AC 482 CPA PROBLEMS (6-0-6)(S). In depth consideration of the more complex accounting principles and procedures taught on the undergraduate level. Designed to assist the student in preparing for the certified public accountant examination. PREREQ: AC 405, AC 460. Permit/Inst.

Assistant Professors:
- Draayer, Lichtenstein, Reynolds;
- Dalton, McGrath, Skoro.

Chairman and Professor:
- Asmus, Billings, Lamborn; Associate Professors: Draayer, Lichtenstein, Reynolds; Assistant Professors: Dalton, McGrath, Skoro.

Majors in:
- ECONOMICS
- REAL ESTATE

DEPARTMENT OF ECONOMICS
Business Building, Room 311 Phone (208) 385-3351
Chairman and Professor: Dr. Richard D. Payne; Professors: Asmus, Billings, Lamborn; Associate Professors: Draayer, Lichtenstein, Reynolds; Assistant Professors: Dalton, McGrath, Skoro.

ECONOMICS MAJOR Bachelor of Arts Degree

FRESHMAN YEAR:

1st SEM 2nd SEM
English Composition E 101-102 3 3
Mathematics M 105-106 or M 111-204 4 4
History 3 3
Electives (Area I other than Econ or History) - 3 3
Electives (Area I - Field One) - 3
Electives (Area I - Field Two) - 3
Electives 3 3

Total 16 16

SOPHOMORE YEAR:

Principles of Macroeconomics EC 201 3
Principles of Microeconomics EC 202 3
Literature 3
Elective (Area I) - 3
Science (Area II) - 4
Intro to Financial Accounting AC 205 3
Intro to Information Science IS 210 3
Intro to Managerial Accounting AC 206 - 3
Statistical Techniques I DS 207 3
Statistical Techniques II DS 208 - 3
Electives 2 1

Total 17 17

JUNIOR YEAR:

Intermediate Microeconomics EC 303 3
Intermediate Macroeconomics EC 305 3
Principles of Finance FI 303 3
Economics Electives 3 3
** Electives 6 9

Total 15 15

SENIOR YEAR:

Econometrics EC 421, 422 3 3
Economics Electives 3 3
** Electives 10 10

Total 16 16

* See page 33-31 for clarification of fields in BA degree
** Electives should be chosen mainly from Upper Division courses.

ECONOMICS MAJOR Bachelor of Business Administration Degree

FRESHMAN YEAR:

1st SEM 2nd SEM
English Composition E 101-102 3 3
Mathematics M 105-106 or M 111-204 4 4
Area I Electives 3 3
Area II Electives (other than Economics) 3 3
Electives 3 3

Total 16 16

SOPHOMORE YEAR:

Principles of Economics EC 201-202 3 3
Science (Area III) - 4
Intro to Financial Accounting AC 205 - 3
Intro to Managerial Accounting AC 206 - 3
Legal Environment of Business GB 202 - 3
Statistical Techniques I, II DS 207-208 - 3
Non-Business Electives (Area I, II, III) - 3
Intro to Information Science IS 210 - 3

Total 16 15

JUNIOR YEAR:

Intermediate Microeconomics EC 303 3
Intermediate Macroeconomics EC 305 3
Management Organizational Theory MG 301 3
Principles of Finance FI 303 3
Principles of Marketing MK 301 3
+ Non-Business Electives (Area I, II, III) - 6
- Principles of Production Management DS 345 - 3
** Economics Electives - 6
- Business Communications AS 328 - 3

Total 18 15

SENIOR YEAR:

Econometrics EC 421-422 3 3
Economics Electives 3 3
Organizational Behavior MG 401 3
Business Policies GB 450 - 3
Non-Business Electives (Area I, II, III) 3 3
** Electives 5 4

Total 17 16

+ Must include hours in at least 2 of 3 definitive areas as listed on page 32, 33 of the Catalog.

ECONOMICS — SOCIAL SCIENCE SECONDARY EDUCATION OPTION

Each academic department in the Social Sciences (History; Political Science; Sociology, Anthropology & Criminal Justice; and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose 2 minor areas from the remaining Social Sciences and complete 15 credits in each. For teaching endorsements as a Secondary School teacher, an additional 5 credits music must be earned in one or more of the minor areas (see page 99 of the Catalog.)

DEGREE REQUIREMENTS

ECONOMICS MAJOR ENDORSEMENT (30 of 30-15-15)

1. General University and Basic Core Requirements as listed on pages 29-30 of the catalog.

2. Two approved teaching minors (15 hours each) from:
   a. History
   b. Political Science
   c. Anthropology
   d. Sociology
   e. Geography

3. Economics Courses — 30 hours
   Required Courses EC 201, 202, 303, 305 — 12 hours
   Other Economics Courses — 18 hours

4. Intro to Financial Accounting AC 205 — 3 hours.

5. Education courses to meet Idaho State Department of Education Certification Requirements for Teachers in Secondary Education — 25 or 30 hours (See Teacher Education Section, page 98 for course listings.)
6. Sufficient electives to complete a total of 126 credit hours of which 40 must be Upper Division.

**ECONOMICS MINOR ENDORSEMENT** (15 of 30-15-15)

- Required Courses EC 201, 202, 303, 305 ................................................. 12
- Upper Division Economics Courses ................................................... 3
- Total .................................................. 15

**ECONOMICS MINOR ENDORSEMENT** (General)

(For Secondary Education majors NOT participating in the 30-15-15 program)

- Required Courses EC 201, 202, 303, 305 ................................................. 12
- Upper Division Economics Courses ................................................... 9
- Total .................................................. 21

**REAL ESTATE MAJOR**

Bachelor of Business Administration Degree

**FRESHMAN YEAR:**

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<td>English Composition E 101-102</td>
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<tr>
<td>Principles of Speech Communication (Area I)CM 111</td>
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<td>General Psychology (Area II) P 101</td>
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<td>Mathematics M 105-106 or M 111-204</td>
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<td>Electives (Area I)</td>
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<tr>
<td>Legal Environment of Business GB 202</td>
<td>3</td>
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<tr>
<td>Fundamentals of Real Estate RE 201</td>
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**SOPHOMORE YEAR:**

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<td>Intro to Managerial Accounting AC 206</td>
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<td>Principles of Economics EC 201-202</td>
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<td>Law of Real Estate RE 220</td>
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<td>Statistical Techniques I DS 207</td>
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<td>Regional Economics EC 321</td>
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<td>Principles of Marketing MK 301</td>
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<td>Management &amp; Organizational Theory MG 301</td>
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<td>Principles of Finance FI 303</td>
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<td>Real Estate Finance RE 360</td>
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<td>Appraisal of Real Estate RE 331</td>
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<td>Business Ethics and Social Responsibility GB 360</td>
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**SENIOR YEAR:**

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<td>Management DS 345</td>
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* Real Estate Electives: Real Estate Development, RE 370; Appraisal Income Property, RE 431; Principles of Income Tax, AC 401; Brokerage Management RE 450; Property Management RE 350; Money and Banking EC 301.

**COURSE OFFERINGS**

**EC ECONOMICS**

- **Lower Division**
  - **EC 201 PRINCIPLES OF ECONOMICS-MICRO (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. Monetary, 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 private sector, 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 integrated with current policy problems. Required.**
  - **EC 220 LAW OF REAL ESTATE (3-0-3)(F/S). Designed to review the laws establishing and governing basic rights of ownership and use of real estate. The concepts of the modern real estate transaction, the real estate brokerage business, and the various legal relationships involved are discussed. Prereq: RE 202.**
  - **EC 301 MONEY AND BANKING (3-0-3). Analysis of the role of money, credit and the financial system in the US economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. 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 study will be approached from both the theoretical and practical point of view. Prereq: EC 201 or PERMINST.**
  - **EC 310 PUBLIC FINANCE (3-0-3)(S). A study of the role and impact of government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxing, and indebtedness will be examined. The effects of government activity on allocation of resources and distribution of income. Attention will be paid to state and local problems. Prereq: EC 201, 202, or PERMINST.**
  - **EC 311 HISTORY OF ECONOMIC THOUGHT (3-0-3)(S). Study of the origin and development of economic philosophies 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 PERMINST.**
  - **EC 317 INTERNATIONAL ECONOMICS (3-0-3)(S). The benefits and patterns of world trade and investment. The rules, quotas and the commercial policies of nations. The foreign exchange market and the balance of payments. Consequences of balance of payments disequilibrium for national policy. The analysis of international payments adjustment and the nature and institution of international monetary systems. Prereq: EC 201, 202.**
  - **EC 321 REGIONAL ECONOMICS (3-0-3)(F). Application of economic analysis to regional problems of structure, growth and policy. Location theory, various growth models, and specific techniques such as input-output analysis, base multipliers and cost benefit analysis are developed. 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 PERMINST.**
  - **EC 325 RADICAL ECONOMICS (3-0-3)(F). An analysis of radical political-economic thought and its applications to the study of socio-economic 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 PERMINST.**
  - **EC 327 LABOR ECONOMICS (3-0-3)(F). Characteristics and structure of the U.S. labor force are examined and labor markets are analyzed to emphasize the micro-and macroeconomic factors affecting workplace decisions. Development of the U.S. industrial relations system is reviewed along with public policies and these are contrasted with those of other western industrialized societies. Prereq: EC 201-202.**
  - **EC 328 NATURAL RESOURCE ECONOMICS (3-0-3). The theoretical and policy issues associated with the use of natural resources are addressed, including property rights 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). 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 and its colonial origins to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prereq: EC 201, 202 or PERMINST. Alternate years.**
  - **EC 428-429, 429G-430G 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 DS 207-208. May be taken for graduate credit. EC 421G-Fall; EC 423G-Spring. (EC 421 is Prereq for EC 422.)**

**RE REAL ESTATE**

- **Lower Division**
  - **RE 201 FUNDAMENTALS OF REAL ESTATE (3-0-3)(F/S). Essentials of real estate practice, listings, sales, financing, land descriptions, investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. This course meets the current minimum 45 hour classroom education requirement of the State of Idaho to take the RE sales examination.**
  - **RE 220 LAW OF REAL ESTATE (3-0-3)(F/S). Designed to review the laws establishing and governing basic rights of ownership and use of real estate. The concepts of the modern real estate transaction, the real estate brokerage business, and the various legal relationships involved are discussed. Prereq: GB 202 and RE 201.**
**DEPARTMENT OF INFORMATION, DECISION SCIENCE & FINANCE**

Business Bldg. Room B-308  Phone (208) 385-1181

*Chairman and Associate Professor: Dr. Emerson C. Maxson; Professors: Brender, Groebner, Stitzel; Associate Professors: Gallup, Gardner, Gill, LaCava; Assistant Professors: Capell, Wojtkowski; Lecturers: Argyle, Havens, Snodgrass, Wojtkowski (W).*

**Majors in:**

- **FINANCE**
- **INFORMATION SCIENCE**
- **QUANTITATIVE MANAGEMENT**
- **PRODUCTION MANAGEMENT**

**FINANCE MAJOR**

Bachelor of Business Administration Degree

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*Finance Electives: Intermediate and/or Managerial and Cost Accounting AC 304, 306, 351, 352; International Economics EC 317; Real Estate Finance RE 360; Senior Seminar in Finance FI 498—one required, second recommended; Public Finance EC 310.*

**INFORMATION SCIENCE MAJOR**

Bachelor of Business Administration Degree

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## Colleague of Business

### Production Management Major

Bachelor of Business Administration Degree

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*Production Management Electives: Compensation Management, MG 406; Fluid Mechanics, EN 301; Labor Relations, MG 340; Labor Law, MG 350; Thermodynamics and Heat Transfer, EN 320.

### Quantitative Management Major

Bachelor of Business Administration Degree

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### DS Decision Science

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#### Upper Division

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<td>DS 345 Principles of Production Management (3-0-3)(FS)</td>
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<td>DS 346 Quantitative Analysis for Business Decisions (3-0-3)(FS)</td>
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*Production Management Electives: Compensation Management, MG 406; Fluid Mechanics, EN 301; Labor Relations, MG 340; Labor Law, MG 350; Thermodynamics and Heat Transfer, EN 320.

### FI Finance

#### Lower Division

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<td>FI 211 Principles of Insurance (3-0-3)(FS)</td>
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<td>FI 250 Introduction to Securities and Securities Markets (3-0-3)(FS)</td>
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*Production Management Electives: Compensation Management, MG 406; Fluid Mechanics, EN 301; Labor Relations, MG 340; Labor Law, MG 350; Thermodynamics and Heat Transfer, EN 320.
**Upper Division**

FI 303 PRINCIPLES OF FINANCE (3-0-3)(FS).
Conceps and techniques of major areas of corporate, institutional, and investment finance, and their interrelationships. Overview of monetary policy by the federal reserve, study of US financial system, financial decision-making problems focusing on internal allocation of funds, financing asset needs and securities. PREREQ: AC 205, AC 206, EC 201, 202, and M 106.

FI 325 FINANCIAL MANAGEMENT I (3-0-3)(FS).
Study and theoretical analysis of the internal allocation of resources within the business firm and governmental agencies, including working capital management and policy, capital budgeting and investment analysis, risk analysis, financial planning and control. Instructional methods include the analysis of financial cases and financial modeling. PREREQ: FI 303, and DS 208.

FI 326 FINANCIAL MANAGEMENT II (3-0-3)(S).
Critical analysis of various sources of funds, dividend policies, and capital markets. Special topics include refunding debt, social responsibilities of the financial managers, problems of financing the multinational firm and analysis of mergers and acquisitions. Cases and readings are used to complement text. PREREQ: FI 325.

FI 417-417G MANAGEMENT OF FINANCIAL INSTITUTIONS (3-0-3)(F).
Decision processes in the management of financial institutions. Institutions include banks, thrifts, insurance companies, investment firms, mortgage banking firms, finance companies and organizations involved in international finance. PREREQ: FI 302, EC 301.

FI 450-450G INVESTMENT MANAGEMENT (3-0-3)(S).
Strategies of investing in stocks, bonds, commodities, and stock options. Topics include risk-return relationships of various investments, efficient market hypothesis and its implications for the individual investor; portfolio theory and the capital asset pricing model. PREREQ: DS 208, FI 205, and FI 303.

FI 498-499 SENIOR SEMINAR IN FINANCE (3-0-3).
Designed to provide an opportunity for timely interest to finance students and a particular expertise of the instructor. Prereq: 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.

**IS INFORMATION SCIENCE**

**Lower Division**

IS 210 INTRODUCTION TO INFORMATION SCIENCE (3-0-3)(FS).
An overview of computer information systems. This survey course introduces computer hardware, software, procedures, and systems, and explores their integration and application in business and in other segments of society. The fundamentals of computer problem solving and programming in a high-level programming language are discussed and applied.

IS 220 PROGRAMMING TECHNIQUES (3-0-3)(FS).
An introduction to computer programming in a business environment. Emphasis on the fundamentals of structured program design, development, testing, implementation, and documentation of common business-oriented applications using BASIC. Discussion and application of top-down design strategies and structured programming techniques. PREREQ: IS 210.

**Upper Division**

IS 360 PROGRAMMING SYSTEMS - COBOL I (3-0-3)(FS).
An introduction to COBOL programming in a business environment. Emphasis on the further application of structured programming 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 370 PROGRAMMING SYSTEMS - COBOL II (3-0-3)(S).
A continuation of IS 360. Emphasis on structured methodology of program design, implementation, and documentation of business-oriented applications. Includes coverage of sequential and random access files. Processing techniques and development of programs for batch and interactive environments using advanced features. PREREQ: IS 360.

IS 405 DATA BASE APPLICATIONS (3-0-3)(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 organization, modes of data analysis, hierarchical, network, and relational. Discussion of storage devices and data administration. PREREQ: IS 370.

IS 420 SYSTEMS ANALYSIS AND DESIGN (3-0-3)(S).
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 test plans for developing and implementing information systems that satisfy user requirements. PREREQ: IS 370.

IS 430 SOFTWARE DESIGN (3-0-3)(S).
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.

**SCHOOLOFBUSINESS**

**GENERAL BUSINESS MAJOR**

 Bachelor of Business Administration Degree

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**MANAGEMENT MAJOR**

**AVIATION OPTION**

Bachelor of Business Administration Degree
### MANAGEMENT MAJOR

#### BEHAVIORAL OPTION
Bachelor of Business Administration Degree

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<td>Government and Business GB 441</td>
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#### MANAGEMENT MAJOR

### INDUSTRIAL RELATIONS OPTION
Bachelor of Business Administration Degree

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### COURSE OFFERINGS

#### 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 laws 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):** 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 certificat.

**AV 205 INTRODUCTION TO AVIATION MANAGEMENT (3-0-3):** 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):** 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, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management.

AV 371 AVIATION LAW (3-0-3)(F/S). An overview of fundamental aviation laws decisions. A chronological coverage of air law, federal and state regulatory functions, liens and security interest in aircraft is emphasized.

AV 450 COLLOQUIUM IN GENERAL AVIATION (3-0-3)(S). Selected readings and topics on current problems in general aviation. Contact with representatives working in general aviation is advocated. Included in the course is consideration of general aviation equipment, the use of general aviation aircraft as a business tool. The operation and management of fixed base operations. PREREQ: Senior aviation major or PERMINST.

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 organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

GB 202 THE LEGAL ENVIRONMENT OF BUSINESS (3-0-3). Emphasis will be on both the external and internal legal environment of a business organization. Topics will 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 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 305 PRINCIPLES OF TRANSPORTATION (3-0-3)(F/S). Study of the economic and management problems and functions of the transportation industry. Covers the organization and structure of the transportation industry as well as the history, development, operations, pricing and legal controls and obligations of firms engaged in transportation services.

GB 360 BUSINESS ETHICS, AND SOCIAL RESPONSIBILITY (3-0-3)(F). An exploration of business conduct and social responsibility in the light of existing ethical, moral, and social values. Designed to enable students to form individual positions on ethical conduct and social responsibility.


MG MANAGEMENT

Upper Division

MG 301 MANAGEMENT AND ORGANIZATIONAL THEORY (3-0-3). Emphasis on conceptual application of management and organizational theory. Topics include organizational environments, decision-making, design, technology leadership, effectiveness, information and control.

MG 305 PERSONNEL ADMINISTRATION (3-0-3)(F/S). The functions of personnel administration—human resources, planning, personnel development, utilization, and compensation—with an emphasis on the interrelationships among these functions. Special emphasis will be placed on determining the effects of various personnel policies and strategies on the effective functioning of organizations.

MG 317 SMALL BUSINESS 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 330 LABOR LAW (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 LABOR RELATIONS (3-0-3)(F/S). 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 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 of formal and social power, persuading, and dealing with uncertainty. PREREQ: MG 301.

MG 405 ADVANCED MANAGEMENT (3-0-3)(F/S). Focusing on contemporary issues in management, this course includes topics such as management of change, organizational development, the use of computer technology in management, and improvement of productivity. 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 affecting compensation and unique compensation problems of public employees and employees of trans-national enterprises. PREREQ: MG 305 or PERMINST.

MG 415 COLLECTIVE BARGAINING (3-0-3)(S). Materials and resources utilized in preparation for negotiations. Bargaining strategies and tactics are examined. Various methods of conflict resolution are explored, with an emphasis on the mediation and arbitration process. Special attention is devoted to public sector bargaining. PREREQ: MG 340, 302, or PERMINST.

DEPARTMENT OF MARKETING AND ADMINISTRATIVE SERVICES

Business Building, Room 306 Phone (208) 365-3366
Chairman and Associate Professor: Dr. Douglas J. Lincoln, Professors: Clark, Cornwell, Knowlton, Manship, Scudder; Associate Professors: Bounds, Lane, McCain; Assistant Professor: Riffie, Warberg.

Majors in:

ADMINISTRATIVE SERVICES
(Formerly Office Administration - includes Business Education)

MARKETING

MARKETING-MID-MANAGEMENT
(2 year degree)

ADMINISTRATIVE SERVICES MAJOR
Bachelor of Business Administration Degree

FRESHMAN YEAR:

English Composition E 101-102 3 3
Typing II or Typing III OF 103 or OF 104 3 3
Business Communication AS 328 3 3
Principles of Marketing MK 301 3 3
Principles of Production Management 3 3
Principles of Word Processing AS 315 3 3
Technical Writing for Business AS 338 3 3
Legal Environment of Business GB 202 3 3

TotaIs 17 15

SOPHOMORE YEAR:

Electives (Area III) 4 4
Introduction to Financial Accounting AC 205 3 3
Introduction to Commercial Accounting AC 206 3 3
Principles of Economics EC 201-202 3 3
Electives (from 2 of 3 Areas) 3 3
Word Processing Applications AS 213 3 3
Statistical Techniques I DS 207 3 3
Introduction to Information Science IS 210 3 3

TotaIs 18 16

JUNIOR YEAR:

Electives (from 2 of 3 Areas) 4 6
Business Communication AS 328 3 3
Management & Organizational Theory MG 301 3 3
Principles of Finance FI 303 3 3
Technical Writing for Business AS 338 3 3
Principles of Word Processing AS 315 3 3
Principles of Production Management 3 3

TotaIs 16 15

SENIOR YEAR:

Records Management AS 309 3 3
Administrative Office Procedures AS 310 3 3
Office Management AS 317 3 3
Intermediate Microeconomics EC 303 3 3
Organizational Behavior MG 401 3 3
Business Policies GB 450 3 3
Economics Elective (Upper Division) 3 3
Internship AS 493 3 4

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83
ADMINISTRATIVE SERVICES MAJOR

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Distributive Education Certification

Students planning to teach in distributive education will take: MM 101, MM 204, BE 409, BE 441 and BE 443 instead of AC 401, AS 215, AS 310 or AS 317, and upper division economics elective.

Shorthand Certification

Students who wish to become certified to teach shorthand and office occupations subjects will be required to take intermediate and advanced shorthand instead of AC 401, EC 301 and upper division economics elective.

Internship

Business Education students who do not have relevant work experience must complete an internship.

MARKETING MAJOR

Bachelor of Business Administration Degree

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**MARKETING—MID-MANAGEMENT MAJOR**

Associate of Science Degree

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*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing and Administrative Services.
COLLEGE OF BUSINESS

LOWER DIVISION


MK 304 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 101 SALESMANSHIP (3-0-3)(S). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishment. Inclusion of customer behavior and motivation, methods of creating customer attention, interest, desire, and action. Special emphasis is given to ethical sales techniques. Mid-management majors only.

MM 201 CONSUMER MARKETING (3-0-3)(F). The study of activities by which goods and services flow from producer to ultimate consumer, including methods, policies, and evaluation of the various marketing institutions according to the function performed.

MM 205 SUPERVISION OF PERSONNEL (3-0-3)(S). Major emphasis is given to the applied management functions of the first level supervisor. Individual and organizational needs are identified and discussed.

MM 209 REPORT WRITING (3-0-3)(F). Prepares the student to write reports for business situations. Emphasis is placed on actual preparation of reports, research methods, and readability of the finished product. Mid-management majors only.
COLLEGE OF EDUCATION

Dean: Richard L. Hart, Ed.D

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.

COORDINATION OF PROGRAMS IN TEACHER EDUCATION

Teacher Education programs at Boise State University are interdisciplinary in nature; hence, coordination of programs is essential. The development and operation of individual programs is the specific responsibility of the appropriate department with the College of Education serving as the overall controlling organization. Within this pattern of administration the Council for Coordination of Teacher Education Program has the following functions: (1) to coordinate programs involving two or more departments; (2) to review proposals, policies, and procedures involving two or more departments, and to make recommendations for action; and (3) to consider procedures for following-up of graduates and to assess needs for Teacher Education. Membership for the Council comes from the departments associated with the Teacher Education program.

COUNSELING AND TESTING SERVICES

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

Any half-time (6 credits or more) or full-time student is eligible for counseling or testing. Appointments may be made by phone, extension 1601, or in person at the Counseling and Testing Center, 6th floor, Education Building.
DEPARTMENT OF
HEALTH, PHYSICAL
EDUCATION AND
RECREATION

Chairman and Professor: Dr. Bill C. Bowman; Professors: Button, Smith;
Associate Professor: Lewis, Murray, Vaughn; Assistant Professors: P. Bowman, Boyles, Connor, Faleson, Pfeiffer, Spitzer, Wallace, Young.

UNDERGRADUATE PROFESSIONAL PREPARATION
PROGRAM LEADING TO A BACHELOR OF
SCIENCE DEGREE IN PHYSICAL EDUCATION

1. Physical Education Options—major degree programs
   a. Secondary Education Option - for those who wish to qualify for
teachers certification.
   b. Non-Teaching Option - for those who wish to prepare for physical
education related careers which do not require teacher certification.

2. Supporting Fields—Broad divisions within the total professional prepa-
ration program.
   a. School Physical Education—Areas of emphasis generally related
to public school physical education instruction.
   b. Sport Science—Areas of emphasis generally related to organized
competitive athletics at all levels.
   c. Commercial/Industrial Physical Education—Areas of emphasis
generally related to private - commercial or industrial physical educa-
tion related professions.

3. Areas of Emphasis—Areas with major curriculum requirements in
addition to a common core.
   a. Physical Education Grades K-6 — For those who wish to become
   elementary physical education specialists.
   b. Physical Education Grades 7-12 — For those who wish to become
   junior/senior physical education specialists.
   c. Health Education — For those physical education majors who wish
   a strong minor in health education and who meet certification
   standards for physical education and health teachers.
   d. Corrective/Adaptive Physical Education—For those whose interests
   are in developing and implementing physical education pro-
grams for special populations such as the mentally retarded,
physically disabled, socially and emotionally maladjusted or devi-
ant and for the elderly.
   e. Athletic Coaching — For those who wish to have special prepara-
tion for public school or college coaching careers.
   f. Athletic Training — For those who wish to prepare for National Ath-
etic Trainers Association Certification Examination and qualify for
positions as athletic trainers in public schools, college or profes-
sional sports or sports medicine clinics.
   g. Biomechanics — For those who wish to develop an improved
understanding of the mechanical bases of human movement; for
coaching, research or preparation for graduate school.
   h. Exercise Physiology — For those who desire a physical education
degree with a strong emphasis in the biological sciences as prepara-
tion for graduate school or for employment in fitness related fields.
   i. Sport Communication — For those who wish to prepare for employ-
ment as sports information directors, sports broadcasting, etc.
   j. Commercial Fitness — For those who wish to prepare as fitness
experts in commercial fitness centers.
   k. Industrial Fitness — For those who wish to develop and implement
total fitness programs connected with industrial companies and
   corporations.
   l. Business — For those who wish to prepare for an organizational or
administrative position in a physical education related field.

4. Minor Field of Interest — Areas related to some areas of emphasis in
such a way that specific courses may be identified to help prepare the
graduate for a specific job such as:
   Strength coach, audio-visual technician in sports; equipment techni-
cian; physical education in correctional institutions; physical education
for the elderly, socially deviant, etc.

BACHELOR OF SCIENCE DEGREE
PHYSICAL EDUCATION
SECONDARY EDUCATION OPTION
AND
NON-TEACHING OPTION

REQUIRED OF ALL GRADUATES:

GENERAL UNIVERSITY REQUIREMENTS:

English Composition E 101-102 .......................... 6
Area I Core ............................................ 12
Area II Core ........................................... 12
Area III Core ........................................... 12
Area II-III Electives ...................................... 9

PHYSICAL EDUCATION CORE REQUIREMENTS (Required of all
Graduates):

Health Education PE 100 .................................... 3
Foundations of Physical Education PE 101 ................. 3
Rhythmic Skills PE 113 .................................... 1
Tumbling Skills PE 115 .................................... 1
Sports Skills PE 117 ....................................... 1
Advanced First Aid PE 122 ................................ 3
Human Growth and Motor Development PE 205 .......... 2
Anatomical Kinesiology PE 230 ............................ 3
Secondary School PE Method ................................ 3
Evaluation in Physical Education PE 309 .................. 3
Exercise Physiology PE 310 ................................ 3
Biomechanics PE 311 ...................................... 3
Organization and Admin of PE PE 457 ................. 3

Additional required or approved electivephysical
educational courses for each supporting field Minimum 8

Additional required or approved elective cross-disciplinary
courses for each supporting field. Minimum 11

Teacher Education Certification requirements
for some areas of emphasis. .......................... 21-28

Required or approved elective cross-disciplinary
courses for non-teaching option ........................ 21-28

Total credits required for graduation (Minimum) ....... 128

NOTE: P 101, Z 111-112, P 312, H 207 and CM 111 or CM 311 are
required of all graduates.

Suggested Curriculum for Each Year

FRESHMAN YEAR

English Composition E 101-102 .................................. 6
General Psychology P 101 ........................................ 3
Human Anatomy and Physiology Z 111-112 ................. 8
Health Education PE 100 ........................................ 3
Foundations of Physical Education PE 101 ................. 3
Rhythmic Skills PE 113 ....................................... 1
Tumbling Skills PE 115 ....................................... 1
Sports Skills PE 117 ......................................... 1
Advanced First Aid PE 122 .................................. 3
Supporting Field Approved Electives ......................... 3

SOPHOMORE YEAR

Human Growth and Motor Development PE 205 ............ 2
Anatomical Kinesiology PE 230 .............................. 3
Nutrition H 207 ............................................. 3
Physical Education Approved Electives ..................... 3
Approved Supporting Field Electives ....................... 10
Area I Core .............................................. 6
Area II Core .............................................. 3
Area III Core .............................................. 4

33
JUNIOR YEAR
Evaluation in Physical Education PE 309 .......................... 3
Exercise Physiology PE 310 ........................................ 3
Biomechanics PE 311 ............................................... 3
Adolescent Psychology P 312 ........................................ 3
Secondary School Methods ........................................... 3
Approved Supporting Field Electives ................................. 7
Area I Core ................................................................ 3
Area II Core ................................................................ 3
Area III Core ................................................................ 4

SENIOR YEAR
Organization and Admin of PE PE 457 ................................. 3
Physical Education Approved Electives ............................... 6
Supporting Field Approved Electives ................................. 10
Area I Core ................................................................ 3
Area II Core ................................................................ 3
Area III Core ................................................................ 4
General Electives ........................................................... 2

COURSE OFFERINGS

PE PHYSICAL EDUCATION

Lower Division

PE 100 HEALTH EDUCATION (3-0-3). Covers nutrition, diseases, health needs, services, drugs, family living and personality structure and development. Aids student adjustment toward effective functioning in a changing environment. Required of all PE majors.

PE 101 FOUNDATIONS OF PHYSICAL EDUCATION (3-0-3)(F). Instruction in physical education program offerings and requirements at BSU. Emphasis on an understanding of what is involved in the profession, including: interaction of humanities, exercise physiology, kinesiology, psychology, social aspects and human growth and motor development as related to physical education. Required of all PE majors.

PE 103 INTRODUCTION TO CREATION (2-0-2)(S). Instruction in the growth and development of recreation education and its role in present-day society. Offered odd numbered years.

PE 113 RHYTHMIC SKILLS (0-2-1) Professional activity. Instruction in and application of rhythmic skills, (rhythm, non-rhythm, and manipulative), emphasizing fundamental and practical application. Required of all PE majors.

PE 115 TUMBLING SKILLS (0-2-1) Professional activities. Instruction in and application of tumbling skills, emphasizing fundamentals, skill progressions and practical application. Offered of all PE majors.

PE 117 SPORTS SKILLS (0-2-1). Professional activities. Instruction in and application of skills, emphasizing fundamentals, skill progressions and practical application. Required of all PE majors.

PE 120 TRAINING ROOM PROCEDURES (0-2-1)(F). Instruction in actual clinical aspects of cardiological training programs, emphasizing observation and practical application.

PE 121 STANDARD FIRST AID & CPR (1-2-1)(F). Instruction in and application of basic skills and the multi-media approach to first aid and CPR training. Offered even numbered years.

PE 122 ADVANCED FIRST AID (3-0-3)(F). Instrucion in wound, shock, poisoning, heat and cold injuries, skeletal injuries, water rescue, CPR resuscitation, emergency child birth and training required for policemen, firemen, and ski patrol. Required of all PE majors.

PE 123 FIRST AID INSTRUCTOR TRAINER COURSE (1-2-1)(S). Instruction in methods of teaching CPR and Standard First Aid. Offered spring on odd numbered years.

PE 143 VOLLEYBALL (0-2-1). Professional activities. Instruction in and application of volleyball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 144 BASKETBALL (0-2-1)(F). Professional activity. Instruction in and application of basketball, emphasizing fundamentals, strategy, conditioning and practical application.

PE 152 PHYSICAL GAMES AND SPORTS (3-0-3)(F). Materials, methods and teaching progression in recreational activities for special groups and special situations. Offered in the fall on odd numbered years.

PE 156 MOTOR DEVELOPMENT AND MOTOR MECHANICS (1-2-1)(F). Instruction in physical education methods and processes. Offered in the fall on odd numbered years.

PE 212 TRACK AND FIELD (0-2-1). Professional activities. Instruction in and application of track and field events for development of basic skills and techniques, emphasizing fundamentals, conditioning and practical application.

PE 219 RHYTHMIC GYMNASTICS (0-2-1)(F). Professional activity. Instruction and participation in rhythmic gymnastics for development of basic skills and techniques, emphasizing fundamentals, skill progressions, conditioning and practical application. Offered in the fall on odd numbered years.


PE 235 INTRODUCTION TO ATHLETIC INJURIES (2-0-2)(F). Instruction in athletic training care, prevention and rehabilitation. The role of the athletic trainer, qualification and responsibilities, its relation to physical education and athletics, control and care of injuries. PREREQ: PE 230.

PE 254 SPORT OFFICIATING (2-0-2)(F). Instruction in officiating sports for development of skills and application of methods to sports.
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 spoting 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 I (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 151 ALPINE SKIING I (0-2-1)(S). Basic skills and techniques of alpine skiing. 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 COUNTRY SKYRUNG 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. Technique of setting and retrieving with water, water, and andromous fishes. Students furnish equipment and transportation. (Pass/Fail)

FA 155 FLYTYING 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 TARGET AND TRAP SHOOTING I (0-2-1). Fundamental skills of air rifle and shotgun shooting. Sighting procedures, gun parts, care of equipment, and safety are stressed. Shot-gun and loading is also taught. Students will furnish shotguns, shells, and trap range fees. (Pass/Fail)

FA 161 AEROBIC DANCE I (0-2-1). Instruction and participation in aerobic dance for the development of cardiovascular and neuromuscular fitness. (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 capacities as to age and condition. Designed to develop and maintain the cardiorespiratory 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 (anulom vilom) (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 174 ELECTED COURSE I (0-2-1) (To be announced). A course in an area of special interest to the student. (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 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 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 an activity or sport in the University Intramural or Intercollegiate programs of the College of Education and Athletics. Students furnish equipment and transportation. Special fee required. (Pass/Fail)

FA 213 SWIMMING II (0-2-1). Instruction and participation in swimming for development of intermediate skills and techniques; training in self-rescue skills, games, diving, and contests. Students must be able to swim 50 yards. (Pass/Fail)

FA 222 FOLK DANCE II (0-2-1). Instruction and participation in folk dance for development of advanced skills. (Pass/Fail)

FA 223 MODERN DANCE I (0-2-1). Instruction and participation in intermediate modern dance for development of flexibility, balance, coordination and movement control. Students furnish dance shoes and production work. Special fee required. 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 II (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 II (0-2-1). Instruction and participation in golf for development of intermediate skills and techniques. Special fee required. PREREQ: FA 135. (Pass/Fail)
COLLEGE OF EDUCATION

DEPARTMENT OF PSYCHOLOGY

Education Bldg., Rm 629  Phone (208) 385-1207  Chairman and Professor: Phillips  Professors: Barsness, Dodson, Ison, Smith, Snow, Thurber; Associate Professors: Brownmiller, Chastain, Downs, Nelson, Steiger, Wieder, Emeritus: Bronson, Torbet.

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 success in 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, 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.

The Baccalaureate degree in psychology is classified as a social science by the University.

Area I: 15-18

Area I Field

Area II Field

Area III Field

Any Area I Field

Any Area II Field

Any Area III Field

Additional core courses, any area

Core Courses

History

Intermediate Algebra M 108

Systems Seminar

Electives in Psychology

Non-core courses

Total

2. Upper Division

a. Psychology

Statistical Methods P 305

Experimental Psychology P 321

Psychological Measurement P 421

Learning P 441

Total

Electives in Psychology

3. Free Electives

Total 27-30

* Pending approval.

PSYCHOLOGY REQUIREMENTS

FOR CERTIFICATION BY STATE DEPARTMENT OF EDUCATION

PSYCHOLOGY MINOR

P 101 General Psychology ... 3

P 301 Abnormal Psychology ... 3

P 305 Statistical Methods ... 3

P 351 Personality ... 3

Psychology upper-division electives ... 9

Total 21

Social Science Secondary Education Option Major

P 101 General Psychology ... 3

P 301 Abnormal Psychology ... 3

P 351 Personality ... 3

Psychology upper-division electives ... 6

Total 15

NOTE: 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.

PSYCHOLOGY MAJOR

(Suggested Program)

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1st SEM</th>
<th>2nd SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102*</td>
<td>3</td>
</tr>
<tr>
<td>Area I**</td>
<td>3</td>
</tr>
<tr>
<td>Concepts of Biology, B 100*</td>
<td>4</td>
</tr>
<tr>
<td>Concepts of Human Anat &amp; Physiol Z 107*</td>
<td>4</td>
</tr>
<tr>
<td>History of Western Civ., HY 101 &amp; 102</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology, P 101*</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>16</td>
</tr>
</tbody>
</table>

* Specifically required.
** Select from list of courses approved for the Core.
P 301 ABNORMAL PSYCHOLOGY (3-0-3). A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of current prevailing and remedial practices. PREREQ: P 101.

P 305 STATISTICAL METHODS (3-3-3). Statistical concepts and methods commonly used in treatment of data in the social sciences. Topics covered will include: basic mathematical ideas, general concepts of research design, inferential statistics, and the interpretation of statistical tables. PREREQ: P 101, High School Algebra.

P 311 CHILD PSYCHOLOGY (3-0-3). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. PREREQ: P 101.

P 312 ADOLESCENT PSYCHOLOGY (3-0-3). Chronologically a continuation of child psychology. P 311; the special conditions of adolescent growth and development will be emphasized in the course. Consideration will be given to maturational and social, and to behavioral, learning, and other problem areas. PREREQ: P 101.

P 321 EXPERIMENTAL PSYCHOLOGY (2-4-4)(FS). The application of scientific methodology to the study of behavior. Design of experiments, methods of analysis and interpretation of data, reporting of behavioral research. PREREQ: P 305 and M 108, M 120.

P 325 EDUCATIONAL PSYCHOLOGY (3-0-3). A critical examination of some psychological concepts that have relevance to the process of education. PREREQ: P 101.

P 341 PERCEPTION (3-0-3)(FS). A survey of the basic concepts in the psychology of perception. Prerequisites: P 201. Current research from the human information-processing approach is emphasized. Processes are stressed, although coverage of receptor structure and neural pathways is included. PREREQ: P 101.

P 351 PERSONALITY (3-3-3)(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 PSYCHOSYNTHESIS. THE HELPING RELATIONSHIP (3-0-3)(FS). 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.

P 361 ASSERTIVENESS TRAINING (3-0-3). This course is designed to improve the communication skills of those who are experiencing difficulty in expressing their feelings and opinions openly, honestly, and constructively to others. Group techniques will include training films, behavioral rehearsals, and role-playing. Pass/fail. Limited enrollment.

P 365 INTRODUCTION TO PSYCHOLOGY (3-3-3)(FS). An introduction to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lectures 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 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 policy on cultural change. This course may be taken for psychology or sociology credit but not for both. PREREQ: P 101 or P 105.

P 401 SENIOR REVIEW PRACTICUM (3-0-3)(FS). A systematic coverage of the general principles of psychology and an opportunity to teach them to others. Practical experience in rendering academic assistance to beginning students and managing large classes. Seminar discussion of difficulties encountered by those students. PREREQ: Senior or second semester junior standing in psychology with an upper division GPA above 3.0 and PERMITTING.

P 405 ADVANCED STATISTICAL METHODS (3-0-3). Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced analysis of variance and regression (including repeated measure designs) and related tests, multiple comparison tests, and multiple correlation techniques. Preference to psychology majors who are planning to go on to graduate school. PREREQ: P 305.


P 431 SOCIAL PSYCHOLOGY (3-0-3)(FS). The influence of social and cultural factors on individual behavior, perception, and attitudes—including the effects of groups on their members. This course may be taken for either psychology or sociology credit, but not both. PREREQ: SO 101, P 101.


P 441 LEARNING (3-0-3)(FS). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: conditioning, role learning, problem solving, memory, discrimination, and motor skills. PREREQ: P 101, M 108, M 120, P 305. Time may be taken before or concurrently with P 441.

P 489 SYSTEMS SEMINAR (3-3-3). 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 496 SENIOR THESIS (3-0-3)(FS). An individual research project in psychology selected by student. Proposal must be approved by instructor before enrollment. Recommended projects are those which will contribute to the body of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school PREREQ: P 101, M 108, M 120, P 305, P 321, PERMITTING.

Graduate

(See graduate college section for descriptions.)

P 501 COUNSELING AND CONSULTING IN THE ELEMENTARY AND SPECIAL CLASSROOM (3-0-3)(FS/SU).

P 502 ADVANCED EDUCATIONAL PSYCHOLOGY (3-0-3). Offered on demand.

P 503 INDIVIDUAL TESTING PRACTICUM (3-0-3)(FS). Offered odd numbered years.

P 505 PERSONALITY DEVELOPMENT (3-0-3). Offered on demand.

DEPARTMENT OF TEACHER EDUCATION & LIBRARY SCIENCE

Education Bldg., Room 205 Phone 208-385-3602

Chairman and Associate Professor: Lamont S Lyons; Professors: Belita, Bieter, Bizziness, Dahlberg, Edmundson, Frederick, Friedli, Hart, Hill,
Jensen, Kirtland, Lambert, Sadler, Singh, Waite, Young; Associate Professors: Brownsmith, French, Hess, Hoge, Munns; Assistant Professors: Fuhriman, Hensen, Swenson; Instructor: Herrig.

Coordinator of Foreign Languages and Assistant Professor: Dr. Jay Fuhriman; Professors: Jecums, Valverde; Associate Professor: Robertson; Emeriti: Power, deNeufyilie, Brownsmith, French, Hess; Hoge, Munns;

The Department of Teacher Education and Library Science at Boise State University exists to improve instruction and enhance learning. The faculty believes this can best be accomplished through emphasis upon the preparation of elementary and secondary school teachers, and the provision of advisory and substantive services to persons who have instructional responsibilities or who wish to improve their learning skills.

To realize this principle the faculty members exemplify instructional excellence, remain current in their fields, and contribute to the knowledge about instruction and learning. In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education and Library Science in the total preparation of elementary and secondary school teachers and librarians.

The department 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.

MAJORS
Elementary:
Bachelor of Arts in Bilingual/Multicultural Elementary Education
Bachelor of Arts in Elementary Education
Secondary: No secondary degrees are offered through the Department; students seeking secondary certification complete a Bachelor's degree in a content area and take professional secondary option coursework in the Department of Teacher Education and Library Science.
Graduate: A variety of elementary and secondary Master's programs are available through the Department. Check the Graduate College of the Catalog for details.

ADMISSION TO TEACHER EDUCATION
1. Students preparing to teach must apply for admission to Teacher Education. Normally, this is accomplished during the Sophomore year. This application will be secured and processed as part of the TE 201, Foundations of Education. 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 can take any upper division courses in Teacher Education. Provisional admission is possible for students who have degrees and are working toward certification only.

2. General requirements for admission to Teacher Education for elementary and secondary candidates shall be determined and implemented by the Department. These requirements include:
   a. Filing of the Admission to Teacher Education.
   b. A minimum grade of C in TE 201 Foundations of Education, or its equivalent.
   c. A cumulative grade point average of 2.50.
   d. 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.
   e. Completion of E 101-102 English Composition of equivalent.

ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES
1. An application for a specific student teaching assignment must be filed with the Office of Field Services, Department of Teacher Education and Library Science, by the following deadlines:
   a. February 15 of the Junior year for fall secondary student teachers and fall/spring elementary student teachers.
   b. October 1 of the Senior year for spring secondary student teachers and spring/fall elementary student teachers.

2. General requirements for admission to student teaching for elementary or secondary candidates include:
   a. ELEMENTARY MAJOR
      1) Admission to Teacher Education.
      2) Recommendation by the faculty advisor or Department chairman.
      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.

   NOTE: An early Childhood course must be taken prior to or concurrently with Student Teaching in a Kindergarten-Classroom.

   b. 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 class or classes in Special Methods for the teaching area.
      7) Senior standing.
      8) Sufficient credit hours in the assigned teaching area.

   c. Student teachers are expected to do responsible teaching, participate in curricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their University supervisors.

   d. Students who transfer to Boise State University must meet 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.

   e. Student Teaching can only be taken once (refer to PART II, ACADEMIC INFORMATION—Academic Regulations.)

   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 and Library Science consisting of general and professional Education courses.
   1. General University Requirements for BA Degree

Any deviations from the preceding policy must be approved by the Chairman of the department.

3. Any student may be dismissed from a program leading to certification if he or she is found to be in violation of any offense which would be grounds for revocation or denial of an Idaho teaching certificate.
COLLEGE OF EDUCATION

a. English Composition E 101-102 .................................................. 3-6
   Note: E 101 may be exempt

b. Area I Requirements ................................................................. 12
   Literature (to include American Lit E 271 or 272) ....................... 6
   Second and Third Field Electives (see core requirements) ............ 6
   NOTE: Choose Second and 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 (GG 101) or (GG 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
   NOTE: For certification purposes, Elementary Education majors
   must complete a total of 12 semester hours in Social Science
   areas other than Psychology and Communication.

d. Area III Requirements .............................................................. 12
   See University Core Requirements.
   NOTE: Elementary Education majors must have courses in both
   Biological and Physical Sciences.

e. Professional Education Requirements

   Intro to Teaching I TE 171 ....................................................... 1
   Mathematics for Elem Teachers M 103-104 ................................ 8
   Music Fundamentals MU 101 .................................................... 2
   Foundations of Education TE 201 .............................................. 2
   Intro to Microcomputer in Classroom TE 208 ................................ 3
   Intro to Teaching II: Intr Exper TE 271 .................................... 1
   Education of the Exceptional Child TE 291 ................................ 3
   Teaching Beginning Reading, K-3 TE 305 .................................. 3
   Teaching Intermediate Reading, 4-6 TE 306 ................................ 3
   Music Methods for the Elem School Teacher MU 371 ...................... 2
   Elementary School Art Methods AR 321 .................................... 3
   Elementary School Physical Educ PE 361 .................................. 3
   Children's Literature TE 316 ................................................... 3
   Educational Psychology P 325 .................................................. 3
   Child Psychology P 311 .......................................................... 3
   Elem Curriculum & Methods I TE 451 ....................................... 6
   Elem Curriculum & Methods II TE 452 ..................................... 6
   Classroom Management Skills TE 457 ...................................... 6
   Elem Student Teaching TE 471 ................................................. 5
   Elem Student Teaching TE 472 OR Student Teaching in Special Educ TE 473 5

Suggested Program

FRESHMAN YEAR:

   English Composition E 101-102 .............................................. 6
   Concepts of Biology (Area III) B 100 ..................................... 4
   Physical Science (Area III) PS 100 ....................................... 4
   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

SOPHOMORE YEAR:

   Music Fundamentals MU 101 .................................................... 2
   Foundations of Education TE 201 .............................................. 2
   Intro to Teaching II: Intr Exper TE 271 .................................. 1
   Intro to Microcomputer in Classroom TE 208 ................................ 3
   Elementary Mathematics for Teachers M 103 .............................. 4
   Elementary Mathematics for Teachers M 104 .............................. 4
   Education of the Exceptional Child ........................................ 3
   Second Field (E 271 or E 272) Area I ...................................... 3
   Additional Literature Course Area I ....................................... 3
   Social Science: Area II SO 230 or AN 102 .............................. 3
   Elective Area III ................................................................. 3

   JUNIOR YEAR:

   Teaching Begin Reading, K-3 TE 305 ....................................... 3
   Teaching Intermediate Reading, 4-6 TE 306 .............................. 3
   Children's Literature TE 316 ................................................ 3
   Elementary School Art Methods .......................................... 3
   Elementary School PE Methods PE 361 .................................. 3
   Music Methods for Elementary Teachers .................................. 3
   Educational Psychology P 325 .............................................. 3
   Child Psychology P 311 ....................................................... 3
   Speech Comm for Teachers CM 311 suggested ................................ 3
   Electives ............................................................................. 6

   SENIOR YEAR:

   First Semester: Block I:
   Classroom Management Skills TE 457 ...................................... 2
   Elem Curriculum & Methods TE 451 ...................................... 6
   Elementary Student Teaching TE 471 ..................................... 5

   Second Semester: Block II:
   Advanced Curriculum and Methods TE 452 ............................... 6
   Elementary Student Teaching TE 472 ..................................... 5
   OR Student Teaching: Special Education TE 473 ......................... 6

ELEMETARY 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 Teaching Certificate from
   the State of Idaho, thus enabling him/her to teach in a "regular" or "Bilin-
   gual" elementary classroom.

LANGUAGE COMPONENT

   Spanish Section:
   Intermediate Spanish (Area I) S 201 .................................... 4
   Intermediate Spanish (Area I) S 202 .................................... 4
   Advanced Spanish S 303 ...................................................... 3
   Advanced Spanish S 304 ...................................................... 3
   .................................................. 14

   English As a Second Language (ESL) Section
   Foundations of Teaching English as a 2nd Language TE 202 ............ 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 Eng as 2nd Lang Li 407 ................ 3

   English Section
   English Composition E 101 .................................................... 3
   English Composition E 102 .................................................... 3
   Total Hours in Language Component ....................................... 33

   Multicultural Component
   Survey of American Lit (Area I) E 271 or 272 .......................... 3
   Intro to Multi-Ethnic Studies (Area II) SO 230 .......................... 3
   United States History HY 151 or 152 .................................... 3
   Cultural Anthropology (Area II) AN 102 .................................. 3
   Mexican American Tradition & Culture in Elem Class TE 278 .......... 2
   .................................................. 14

   Science Component
   Math for Elementary Teachers M 103 ...................................... 4
   Math for Elementary Teachers M 104 ...................................... 4
   Concepts of Biology (Area III) B 100 ..................................... 4
   Electives (Choose any 2 of Area III) ....................................... 8
   (GO 100 and PS 100 are recommended) .................................. 20

   PROFESSIONAL COMPONENT

   General Education Section
   Elementary School Art Methods AR 321 .................................. 3
   Music Meth for Elem School Teacher MU 371 ................................ 3
   General Psychology (Area II) P 101 ....................................... 3
   Child Psychology P 311 ....................................................... 3
   Elem School PE Methods PE 361 ............................................ 3

   .................................................. 14
## COLLEGE OF EDUCATION

### Teacher Education Section

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>Intro to Teach I: Class Observation TE 171</td>
<td>1</td>
</tr>
<tr>
<td>Foundations of Education (Area II) TE 201</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Teach II: Instruct Experience TE 271</td>
<td>1</td>
</tr>
<tr>
<td>Teaching Beginning Reading K-3 TE 305</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Intermediate Reading 4-6 TE 306</td>
<td>3</td>
</tr>
<tr>
<td>Children’s Literature TE 316</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Curric &amp; Methods TE 451</td>
<td>6</td>
</tr>
<tr>
<td>Elementary Curric &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>
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<tr>
<td>Student Teaching in Elem Class TE 474-475</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total Professional Component</strong></td>
<td><strong>52</strong></td>
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</table>

### 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:

- CM 351 Intercultural Communications
- S 203 Spanish for the Native Speaker
- S 425 Mexican American Literature
- S 385 La Gente Mexico Americano en los Estados Unidos
- SO 297 Sociological Processes of Mexican American People
- E 213 Afro-American Literature
- E 219 North American Indian Folklore
- E 390 Folklore
- E 384 Literature of the American West
- AN 311 Peoples and Cultures of the World
- SO 305 Racial and Cultural Minorities
- HY 261 History of Minorities in the U.S.
- HY 356 Indians in American History
- AN 315 Indian People of Idaho
- HY 365 History of Mexico
- PO 101 American National Government
- TE 291 Education of the Exceptional Child
- P 305 Educational Psychology
- TE 358 Corrective Reading
- TE 371 Techniques of Student Motivation & Class Management
- TE 208 Introduction to Microcomputers in Education

### BILINGUAL TEACHER TRAINING TOTAL HOURS 130

### PROGRAM

#### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Elective Area I</td>
<td>3</td>
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<tr>
<td>Intermediate Spanish S 201</td>
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<tr>
<td>Intermediate Spanish S 202</td>
<td>4</td>
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<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></td>
<td><strong>32</strong></td>
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</table>

#### SOPHOMORE YEAR:

<table>
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<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Math for Elementary Teachers M 104</td>
<td>3</td>
</tr>
<tr>
<td>Survey of American Literature E 271 or 272</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Teaching II: Instruct Exp TE 271</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Spanish S 303-304</td>
<td>6</td>
</tr>
<tr>
<td>Elective (Area III)</td>
<td>4</td>
</tr>
<tr>
<td>United States History HY 151 or 152</td>
<td>3</td>
</tr>
<tr>
<td>Found of Teach English as 2nd Lang TE 202</td>
<td>2</td>
</tr>
<tr>
<td>Mex-Amer Tradition &amp; Culture in Elem Class TE 278</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>31</strong></td>
</tr>
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#### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Elective</td>
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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 Reading K-3 TE 305</td>
<td>3</td>
</tr>
<tr>
<td>Teaching Intermediate Reading 4-6 TE 306</td>
<td>3</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>
</tbody>
</table>

### SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ident &amp; Diagnos of LEP Child TE 322</td>
<td>3</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>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>130</strong></td>
</tr>
</tbody>
</table>

### 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

Students desiring to teach exceptional children may enroll in one of the following programs and upon successful completion will meet requirements for Idaho Teacher Certification. Both programs have been designed to be pursued in a dual program with either the Elementary or Secondary Education major. The student should begin program planning as early as possible with the student's advisor and a consultant from Special Education, thereby providing continuity and elimination of possible obstacles. Several courses may be applied to a dual program and the student should plan accordingly. These programs are designed to meet Idaho Exceptional Child Certification standards which require a major of 3 credit hours in the desired area of certification.

#### A. GENERALIST - EDUCATIONALLY HANDICAPPED

This program enables a Special Education teacher to work with exceptional children who exhibit mild or moderate educational handicaps such as the mentally retarded, learning disabled, and emotionally disturbed, either in a resource room or a regular classroom.

1. Required Courses (24 Credit Hours)
   - Education of the Exceptional Child TE 291
   - Techniques in Student Motivation & Class Management TE 371
   - Diagnosis of the Handicapped TE 430
   - Remediation of Mild & Moderate Handicapped TE 431
   - Instructional Materials for the Exceptional Child TE 440
   - Elementary Student Teaching in Special Education TE 473
   - Elementary Student Teaching in Special Educ TE 473
   - Senior Seminar in Elem Special Edu TE 499
   - Motor Prog for Kindergarten & Spec Educ Teachers PE 369

2. Elective Courses (minimum 6 credit hours)
   - Behavior Intervention Techniques TE 450G
   - Teaching Strategies for Behavior Disorders TE 425
   - Curriculum in Early Childhood Educ TE 462
   - Individualizing Instr in Early Childhood Educ TE 484
   - Independent Study of Emotionally Handicapped TE 497

#### B. SEVERE RETARDATION

This program enables a Special Education teacher to work with exceptional children who exhibit severe handicapping conditions, probably requiring a self-contained placement.

1. Required Courses (24 Credits)
   - Education of the Exceptional Child TE 291
   - Techniques in Student Motivation & Class Management TE 371
   - Diagnosis of the Handicapped TE 430
   - Teaching the Moderately & Severely Handicapped TE 423G
   - Elementary Student Teaching in Special Educ Class TE 473
   - Senior Seminar in Special Education TE 499
   - Motor Prog for Kindergarten & Spec Educ Teachers PE 369

2. Elective Courses (minimum 9 credits)
   - Instructional Materials for the Exceptional Child TE 440
   - Teaching Strategies for Behavior Disorders TE 425
   - Behavior Intervention Techniques TE 450G
**COLEGE OF EDUCATION**

Curriculum in Early Childhood Educ TE 463 ........................................... 3
Individualizing Instruction in Early Child Educ TE 464 ....................... 3
Independent Study in Mental Retardation TE 469 .......................... 3
Dance for Children PE 357 ................................................................. 2

**Art Elementary Emphasis**

<table>
<thead>
<tr>
<th>Required 22 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Art AR 103 ...............................................</td>
<td>I 3</td>
</tr>
<tr>
<td>Basic Design AR 105, 106 ..................................................</td>
<td>I 6</td>
</tr>
<tr>
<td>Drawing AR 111 ...............................................................</td>
<td>2</td>
</tr>
<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>
</tr>
<tr>
<td>Crafts AR 123 .......................................................................</td>
<td>2</td>
</tr>
<tr>
<td>Elementary School Art Methods AR 321 ..................................</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives 3 credits:**

- Intro to Multiethnic Studies SO 230 ....................................... II 7 3
- Spanish for the Content Areas S 305 ................................... 3
- History of Minorities in U.S. HY 261 ..................................... 3
- Cultural Anthropology AN 102 ............................................... II 3

**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.

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**BILINGUAL ELEMENTARY EMPHASIS**

Required 18-22 credits:

<table>
<thead>
<tr>
<th>Area Credits</th>
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</thead>
<tbody>
<tr>
<td>Mexican American Tradition &amp; Culture TE 278 ........................</td>
</tr>
<tr>
<td>Foundations of English as a 2nd Lang .................................</td>
</tr>
<tr>
<td>ESL Identif, Test &amp; Stu Placement TE 322 .............................</td>
</tr>
<tr>
<td>Bilingual Methods TE 454 ..................................................</td>
</tr>
<tr>
<td>Methods of Teaching Engt as 2nd Lang TE 456 .......................</td>
</tr>
<tr>
<td>Spanish .............................................................................</td>
</tr>
</tbody>
</table>

Must achieve a S-202 level proficiency either by taking 100 and 200 level courses or by demonstrating proficiency through examination

**Electives 3 credits:**

- Intro to Multiethnic Studies SO 230 ....................................... II 7 3
- Spanish for the Content Areas S 305 ................................... 3
- History of Minorities in U.S. HY 261 ..................................... 3
- Cultural Anthropology AN 102 ............................................... II 3

**NOTE:** This emphasis requires from 21 to 25 credit hours, depending upon student's level of Spanish proficiency. Six credits of S 201 and S 202 may also apply to Area I, and SO 230 or AN 102, if elected may apply to Area II.

---

**EARLY CHILDHOOD EMPHASIS**

<table>
<thead>
<tr>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Behavior in Early Child Educ TE 261 ........................</td>
</tr>
<tr>
<td>Curriculum in Early Child Educ TE 362 ................................</td>
</tr>
<tr>
<td>Internship in Early Child Educ TE 293-493 .........................</td>
</tr>
<tr>
<td>Student Teaching Kindergarten TE 472 ................................</td>
</tr>
</tbody>
</table>

**Electives 5 credits:**

- Infant Education TE 463G .................................................. 3
- Diagnosis of Mild:Moderate Handicapped TE 430 ...................... 3
- Children's Theatre TA 287 .................................................. 3
- Puppetry TA 281 ................................................................... 3
- Human Growth and Motor Development PE 205 ........................ | 2 |

**NOTE:** This emphasis requires 21 credit hours, 5 of which (TE 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.

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**FRENCH ELEMENTARY EMPHASIS**

<table>
<thead>
<tr>
<th>Required 19 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary French F 201-202 ................................................</td>
<td>8</td>
</tr>
<tr>
<td>Intermediate French F 201-202 ............................................</td>
<td>I 8</td>
</tr>
<tr>
<td>Teaching Methodology in For Lang FL 412 ................................</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives 3 credits:**

- Advanced French F 303 ..................................................... 3
- Advanced French F 304 ..................................................... 3
- La Civilisation Francophone Moderne F 377 ............................ 3

**NOTE:** This emphasis requires 22 credit hours, 8 of which may also apply to Area I.

---

**GERMAN ELEMENTARY EMPHASIS**

<table>
<thead>
<tr>
<th>Required 19 credits:</th>
<th>Area Credits</th>
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</thead>
<tbody>
<tr>
<td>Elementary German G 101-102 ............................................</td>
<td>8</td>
</tr>
<tr>
<td>Intermediate German G 201-202 .......................................</td>
<td>I 8</td>
</tr>
<tr>
<td>Teaching Methodology in For Lang FL 412 ........................</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives 3 credits:**

- Advanced German G 303 .................................................. 8
- Advanced German G 304 .................................................. 3
- German Culture and Civilization G 377 ................................ 3

**NOTE:** This emphasis requires 22 credit hours, 8 of which may also apply to Area I.

---

**HEALTH ELEMENTARY 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>Human Anatomy &amp; Physiology Z 107 .....................................</td>
<td>4</td>
</tr>
<tr>
<td>School Health PE 415 .....................................................</td>
<td>3</td>
</tr>
<tr>
<td>Human Growth &amp; Motor Development PE 205 ........................</td>
<td>2</td>
</tr>
</tbody>
</table>

**Electives 6 credits:**

- Human Sexuality P 261 ................................................... 3
- Drugs: Use and Abuse H 109 .............................................. 3
- Man and The Environment B 200 ......................................... 3
- Disease Condition I H 211 .................................................. 3
- Abnormal Psychology P 301 ............................................... 3

**NOTE:** This emphasis requires 21 credit hours.

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**LANGUAGE ARTS ELEMENTARY 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>I 3</td>
</tr>
<tr>
<td>Introduction to Literature E 131 .......................................</td>
<td>3</td>
</tr>
<tr>
<td>Grammar &amp; Language Use for Teachers TE 216 .........................</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech Communication CM 111 .......................</td>
<td>II 3</td>
</tr>
<tr>
<td>OR 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>

**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.

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**MATHMATICS ELEMENTARY 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>III 4</td>
</tr>
<tr>
<td>Intermediate Algebra M 108 ................................................</td>
<td>4</td>
</tr>
<tr>
<td>OR Algebra and Trig M 111 ................................................</td>
<td>III 5</td>
</tr>
<tr>
<td>A First Course in Programming M 122 ..................................</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Computers M 109 ..................................................</td>
<td>3</td>
</tr>
</tbody>
</table>

*CM 111 cannot be used by elementary majors for Area II.

This emphasis requires 21 or 22 hours (depending upon whether M 108 or M 111 is taken), 4 of which apply to Area III (8 of 12 Area III credits must be in science), and 8 (M 103 & M 104) of which apply to Elementary Education major.

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**MUSIC ELEMENTARY EMPHASIS**

<table>
<thead>
<tr>
<th>Required 14 credits:</th>
<th>Area Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Music MU 133 ......................................................</td>
<td>I 3</td>
</tr>
<tr>
<td>Elements of Music MU 103 ..................................................</td>
<td>2</td>
</tr>
<tr>
<td>Teach Music in Elem Classroom MU 372 ..................................</td>
<td>(In lieu of MU 101)</td>
</tr>
<tr>
<td>(In lieu of MU 371)</td>
<td>2</td>
</tr>
</tbody>
</table>
I. Electives 6 credits:
- Music Ensemble (one year) 2
- Piano or Guitar Lessons 6

NOTE: This emphasis requires 20 credit hours, 3 of which (MU 133) may also apply to Area I.

II. Electives 5 credits:
- Advanced Spanish S 303 3
- Advanced Spanish S 304 3
- Cultura y Civilizacion Hispanoamericana S 377 3

NOTE: This emphasis requires 24 credit hours, 12 of which may apply to Area II.

III. Electives 3 credits:
- Teaching Intermediate Reading 4-5 TE 306 3
- Teaching Begin Reading K-3 TE 305 3
- Internship in Reading TE 493 3

NOTE: These emphases will lead to an endorsement on the elementary teaching certificate enabling the candidate to teach the specific subject matter in secondary schools.

4. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.

SPANISH ELEMENTARY EMPHASIS

Required 19 credits:
- Elementary Spanish S 101-102 8
- Intermediate Spanish S 201-202 8
- Teaching Methodology in Forn Lang FL 412 3

ELECTIVES 3 credits:
- Advanced Spanish S 303 3
- Advanced Spanish S 304 3
- Cultura y Civilizacion Hispanoamericana S 377 3

MIDDLE SCHOOL ELEMENTARY EMPHASIS

Required 16 credits:
- Concepts of Biology B 100 III 4
- Foundations of Physical Science PS 100 III 4
- Intro to Descriptive Astronomy PH 105 III 4
- Fundamentals of Geology GO 100 III 4

Electives 4 credits:
- General Biology B 101 & 102 III 4
- This sequence may be taken instead of B 100
- Concepts of Chemistry C 100 III 4
- General Physics PH 101 & 102 III 4
- This sequence may be taken instead of PS 100

PREREQ: Algebra and Trigonometry.
- Energy for Society EN 100 III 4
- General Botany BT 130 III 4

NOTE: This emphasis requires 20 credit hours, 12 of which may apply to Area III.

SOCIAL STUDIES ELEMENTARY EMPHASIS

Required 24 credits:
- United States History HY 151-152 II 6
- History of Western Civilization HY 101-102 II 6
- Intro to Multi-Ethnicities SO 230 III 3
- Contemporary Economic Problems EC 210 III 3
- American National Government PO 101 III 3

NOTE: This emphasis requires 24 credit hours, 12 of which may apply to Area II.

Spanish Elementary Emphasis

Required 19 credits:
- Elementary Spanish S 101-102 8
- Intermediate Spanish S 201-202 8
- Teaching Methodology in Forn Lang FL 412 3

Electives 3 credits:
- Advanced Spanish S 303 3
- Advanced Spanish S 304 3
- Cultura y Civilizacion Hispanoamericana S 377 3

NOTE: This emphasis requires 22 credit hours, 3 of which may also apply to Area I.

Middle School Emphases

1. Additional credit hours beyond the emphases without the "Middle School" prefix, as explained below:
   - 1 additional credit by taking TE 484 Jr. High/Middle School Student Teaching (6 Cr) in lieu of TE 472 Elementary Student Teaching (5 Cr).
   - 3 additional credits by taking either TE 381 Secondary School Methods, or 3 credits in special secondary methods.

French, German, and Spanish require only 1 additional credit 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 and Library Science.
3. A recommendation by the Dean of the College of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.
CERTIFICATION REQUIREMENTS & ENDORSEMENTS FOR SECONDARY EDUCATION


1. Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:
   a. Completion of Baccalaureate degree including Education requirements.
   b. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
   c. A recommendation by the Dean of the College of Education indicating that the candidate has the approval of the Department subject area specialization and the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of the subjects to be taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: students with previously earned degrees may follow specialized programs determined by the Department of Teacher Education and Library Science.

2. A standard secondary certificate may be issued by the State Board of Education to any person of good moral character who has a Bachelor’s degree from an accredited college or university and meets the following requirements:

   Idaho requires a minimum of 20 semester credit hours “in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching.”

   These basic requirements are translated into the following required Boise State University Courses

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Single</th>
<th>Composite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Education TE 201</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Reading in Content Subjects TE 307</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Educating Exceptional Secondary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students TE 333</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Educational Psychology P 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</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Department</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Student Teacher Alternatives</td>
<td>9</td>
<td>13</td>
</tr>
<tr>
<td>(See Below)</td>
<td>25</td>
<td>30</td>
</tr>
</tbody>
</table>

Student Teaching Alternatives

1. Single Alternatives
   a. Junior High-Mid School Student Teaching TE 482
   b. Senior High School Student Teaching TE 483
   c. The Senior High School TE 487

2. Composite Alternative
   a. The Junior High-Mid School TE 486
   b. Composite-Junior High-Mid Sch Student Teaching TE 484
   c. Composite-Senior High Sch Student Teaching TE 485
   d. The Senior High School TE 487

   NOTE: The above alternatives all lead to a standard secondary certificate (grades 7-12), and offer a variety of student teaching experiences. Alternative "1.a." provides for a Junior High/Middle School experience. Alternative "1.b." provides for a Senior High School Experience. Alternative "2." provides for a combination of Junior High/Middle School and Senior High School experiences. Students should consider alternative "2" if their teaching fields are applicable to both the junior and senior high school level. It is highly desirable to discuss such alternatives with the major advisor and with a member of the Secondary Education faculty in the Department of Teacher Education and Library Science well in advance of applying for student teaching.

   Students may complete the student teaching requirements in either the fall or spring semester of their senior year. The advisor should be consulted as to the better time based upon offerings in the major field and other considerations.

   Student teaching is scheduled through the Office of the Coordinator of Field Services in the Department of Teacher Education and Library Sciences. See ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES for specifics regarding student teaching.

3. 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.


4. A listing of the Boise State University minor certification endorsements is included for the convenience of students:

   Requirements for Minor Certification Endorsements
   
   NOTE: Minor certification endorsements may be recognized by the State of Idaho in areas other than those included in this listing. Check with the Office of Field Services for further information.

ANTHROPOLOGY:

Social Science Major:
   a. Physical Anthropology AN 201
   b. Cultural Anthropology AN 202
   c. Peoples and Cultures of the World AN 311
   d. Additional upper division Anthropology

   Non-Social Science Major:
   a. Physical Anthropology AN 201
   b. Cultural Anthropology AN 202
   c. Introduction to Archeology AN 203
   d. Peoples and Cultures of the World AN 311
   e. Additional upper division Anthropology

ART:
   a. Introduction to Art AR 103
   b. Basic Design AR 105-106
   c. Drawing AR 111, 112
   d. Painting AR 113, 114
   e. 2 hours from Sculpt, Metals, Ceramics, Methods in Craft
   f. Electives from 100-400 Regular Courses
   g. Suggested Electives: Art History, Lettering, Photography, Printmaking, Weaving

   and those listed above

BIOLOGY:
   a. General Biology B 101-102
   b. or General Botany BT 130 & Gen Zool Z 130
   c. Systematic Botany BT 201
   d. Concepts of Anatomy and Physiology Z 107
   e. Genetics, Lab B 343, 344 OR Vertebrate Nat Hist Z 395

BUSINESS EDUCATION:
   a. (No Minor Certification Endorsement)

CHEMISTRY:
   a. 100 level General Chemistry Courses
   b. Organic Chemistry Courses
   c. Additional Courses in Analytical, Physical, Inorganic
   d. or Biochemistry
   e. Mathematics to the M 111 Algebra and Trig Level
COMMUNICATION: (Speech)
Fundamentals of Speech CM 111 3
Reasoned Discourse CM 112 3
Interpersonal Communication CM 221 3
Speech-Communication for Teachers CM 311 3
Methods of Teaching Communication CM 401 3
Electives selected from:
- Mass Communication CM 171 3
- Oral Interpretation CM 241 3
- Communication in the Small Group CM 251 3
- Interviewing CM 307 2
- Message Analysis and Criticism CM 331 2
- Non-Verbal Communication CM 341 2
- Intercultural Communication CM 351 3

CONSUMER EDUCATION:
(See Marketing and Administrative Services Department)
Consumer in the Marketplace HE 250 3
Principles of Economics EC 201-202 6
Personal Finance and Investments FI 108 3
Money and Banking EC 301 3
Basic Marketing Management MK 301 3
Consumer Education in Schools BE 411 9

EARTH SCIENCE:
- Physical Geology GO 101 4
- Historical Geology GO 103 4
- Introduction to Ocean Geology GO 201 3
- Introduction to Meteorology GO 213 3
- Introduction to Descriptive Astronomy PH 105 4
Electives selected from:
- Geology of Idaho & Pacific NW GO 213 3
- Mineralogy GO 221 3
- Geomorphology GO 313 3
- Invertebrate Paleontology Physics of the Earth GO 351 3
- Environmental Geology GO 511 3

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

ENGLISH:
- Advanced Composition 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
- Lower Division Literature E 230, 235, 240, 246, 215 3
- Upper Division Literature 6

FOREIGN LANGUAGE:
French:
Required 19 Credits:
- Elementary French F 201-202 8
- Intermediate French F 201-202 8
- Teaching Methodology in For Lang FL 412 3
Electives 3 credits:
- Advanced French F 303 3
- Advanced French F 304 3
- La Civilization Francophone Moderne F 377 3
NOTE: This emphasis requires 22 credit hours, 8 of which may also apply to Area I.

German:
Required 19 credits:
- Elementary German G 101-102 8
- Intermediate German G 201-202 8
- Teaching Methodology in For Lang FL 412 3

Electives 3 credits:
- Advanced German G 303 8
- Advanced German G 304 8
- German Culture and Civilization G 377 8
NOTE: This emphasis requires 22 credit hours, 8 of which may also apply to Area I.

Spanish
Required 19 credits:
- Elementary Spanish S 101-102 8
- Intermediate Spanish S 201-202 8
- Teaching Methodology in For Lang FL 412 3
Electives 3 credits:
- Advanced Spanish S 303 3
- Advanced Spanish S 304 3
- Cultura y Civilizacion Hispanoamericano S 377 3
NOTE: This emphasis requires 22 credit hours, 3 of which may also apply to Area I.

GEOGRAPHY
- Introduction to Geography GG 101 3
- Cultural Geography GG 102 3
- Upper Division Geography (minimum) 6
- Geography Courses (minimum) 8

GENERAL SCIENCE
Complete the basic sequence of courses in
- B 101-102 or BT 130 and Z 130 8-9
- Chemistry C 107, 108, 109, 110 9
- Geology GO 101-103 8
- Physics PH 101-102 8
- Upper Division Courses to include 3 credit hours
- at least 1 of the following 12

- American Government (State-Required) 3
- U.S., European, Third World 12
- Introduction to Abstract Algebra M 302 3
- Number Theory M 306 3
- Fundamentals of Statistics M 361 4
- Electives to complete 20 hours 6-4

STUDENTS MUST COMPLETE 120 CREDITS FOR A BACHELOR'S DEGREE.
### COLLEGE OF EDUCATION

### 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 .... 11
- 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 8 ............ 2
- Brass Methods & Tech MU 369 .............. 2
- Band & Orchestra Methods & Materials .... 2

#### Choral Track:
- Materials of Music MU 119-0 .................. 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

### PHYSICAL EDUCATION

#### Physical Education Core (Required of all P.E. Minors)
- Human Anatomy & Physiology Z 107 .......... 4
- Health Education PE 100 ..................... 3
- Standard First Aid & CPR PE 121 ............ 1
- Foundations of Physical Education PE 101 .... 3
- Rhythmic Skills PE 113 ...................... 1
- Tumbling Skills PE 115 ...................... 1
- Sports Skills PE 117 ......................... 1
- Standard First Aid & CPR PE 121 ............ 1
- Secondary School P.E. Methods PE 304 ..... 3
- OR
- Elementary School P.E. Methods PE 381 .... 3
- Coaching Methods PE 3— .................... 3
- Internship in P.E. PE 493 ................... 3
- Additional Electives to be selected from the following courses with the approval of the Physical Education Department

#### SKILL COURSES
- Volleyball PE 143 .......................... 1
- Basketball PE 144 .......................... 1
- Track and Field PE 212 ..................... 1
- Wrestling PE 217 ............................ 1
- Gymnastics PE 136 .......................... 1
- Tennis PA 173 .............................. 1

#### BASIC COURSES
- Anatomical Kinesiology PE 230 ............. 3
- Physiology of Exercise PE 310 ............. 3
- Biomechanics PE 311 ....................... 3
- Psychology of Activity PE 401 ............. 3
- Adapted Physical Education PE 451 ......... 3
- Human Growth & Motor Development PE 205 .. 2
- APPLIED PHYSICAL EDUCATION COURSES
  - Introduction to Athletic Injuries PE 236 .. 2
  - Conditioning Procedures for Sports PE 313 .. 2
  - Dance for Children PE 357 ............... 2
  - Motor Programming for Special Populations PE 369 .. 2
  - Coaching—The Nature of the Profession PE 430 .. 2

#### PHYSICS:
- General Physics PH 101-102 .................. 8
- Introduction to Descriptive Astronomy PH 108 .. 4
- Technical Drawing EN 101 OR ............... 4
- Engineering Graphics EN 107 ............... 2

### COMPUTER PROGRAMMING

- Computer Programming EN 104 or EN 107 .......... 2 or 3
- Math Skill Equivalent to M 111 ............... 5

### POLITICAL SCIENCE:
- American National Government PO 101 .......... 3
- Contemporary Political Ideologies PO 141 .... 3
- Comparative European Governments & Politics PO 229 ... 3
- International Relations PO 231 .............. 3
- American History ........................... 6
- Political Science Electives (Upper Division) .... 3

### PSYCHOLOGY:
- General Psychology P 101 .................... 3
- Abnormal Psychology P 301 ................ 3
- Statistical Methods P 305 ................... 3
- Personality P 351 .......................... 3
- Psychology Upper Division Electives .......... 9

### SOCIOLOGY
- Introduction to Sociology SO 101 ............ 3
- Social Statistics SO 310 .................... 3
- Social Research SO 311 ..................... 3
- History of Sociology SO 401 OR .............. 3
- Current Sociological Perspectives SO 402 .... 3
- Sociology Electives ........................ 9

### THEATRE ARTS:
- Technical Theatre TA 117-118 .............. 8
- Acting TA 215 ............................... 3
- Major Production Participation TA 331 .... 1
- World Drama TA 341,342,353 ................ 3
- Directing TA 491 ............................ 3
- Theatre History TA 421 or 422 .............. 3

### SPECIAL EDUCATION, SECONDARY

Students wishing to pursue a program leading to certification as a Special Education teacher will need to arrange consultation with a Special Education faculty member in the Department of Teacher Education and Library Science. The student wishing to pursue such a plan should investigate this option as early as possible since a minimum of thirty (30) credits will be required in the program leading to certification.

### READING, SECONDARY

Students who wish to receive an endorsement to teach reading in secondary schools may do so by following a program designed in consultation with a faculty member in the Reading Center.

### GRADUATE PROGRAMS IN EDUCATION

A Master of Arts/Science in Education is offered through the Department of Teacher Education and Library Science. The candidate may select from 11 areas of emphasis: (1) Curriculum and Instruction, (2) Early Childhood, (3) Reading, (4) Special Education, (5) Art, (6) Business Education, (7) Earth Science, (8) English, (9) History, (10) Mathematics, and (11) Music. The specifics of the programs are presented in the Graduate College section of this catalog.

### SERVICES

**PLACEMENT**

A teacher Placement Service is provided by the Boise State University Career and Financial Services Office. Check with the Director regarding eligibility to use this service and procedures for doing so.

### READING EDUCATION CENTER

The Center provides special services for University and public school students with 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.

### COURSE OFFERINGS

**NOTE:** Most Foreign Language Courses require a lab fee.
FR FRENCH

NOTE: Most Foreign Language Courses require a lab fee.

Lower Division

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 and write literary selections and compose essays in French. Format of the course: class lecture, reading, lab and practice in the language laboratory. Students who have had more than one year of high school French or its equivalent may not enroll in F 101 for credit except by PERM/DEPT.

F 101-P - 102-P PROGRAMMED ELEMENTARY FRENCH (V-V-4). A self-paced, tape 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)(Area I). These courses provide the environment to acquire competence to communicate in French. Students read selections from French literature and civilization. Students discuss and write in French. Format of the course: classroom instruction, practice in conversation and in A-V laboratories. PREREQ: F 102 or PERM/DEPT.

Upper Division

F 203 ADVANCED FRENCH COMPOSITION AND CONVERSATION (3-0-3). This course, conducted in French, provides the matrix for enlarging one's French vocabulary and structure, and for speaking and writing French fluently. There will be discussions of the practical realities of the French-speaking world concentrating on the common and high frequency expressions of the language. Essays based for class discussion will be written regularly. PREREQ: F 202 or PERM/DEPT. Alternate years.

F 304 ADVANCED FRENCH COMPOSITION AND CONVERSATION (3-0-3). This course has similar objectives as F 203. The Discussions and essays will concern the civilization, culture and aesthetics in contemporary France. Discussions will be based on current French writings, style imitations and personal essays. PREREQ: F 202 or PERM/DEPT.

F 328 LECTURES A VANCEES DE LA POESIE ET DE LA PROSE FRANCAISES (3-0-3). Selected unabridged works of great French authors, all genres, between 1715 to 1899, with emphasis on prose. May be repeated once for credit. PREREQ: F 202 or equivalent. Alternate years.

F 359 LES GRANDES OEUVRES CONTEMPORAINES (3-0-3). Representative unabridged selections of the works of major authors and thinkers of France and the French speaking world since the turn of the century. Ao. Barthes, R. R. Lenz, the early Goethe and Schiller, etc. PREREQ: G 331 or PERM/DEPT. Alternate years.

F 376 LA CIVILISATION FRANCAISE HISTORIQUE (3-0-3). Studies in the development and expansion of French culture from pre-history to the French Revolution. history, politics, art, geography, literature, music and science; assessment of the contribution of French Civilization to the Western World. PREREQ: F 202 or PERM/DEPT. Alternate years.

F 377 LA CIVILISATION FRANCOPHONE MODERNE (3-0-3). Studies in modern French civilization since the end of the "ancien regime," the French Revolution; history, politics, art, geography, literature, music and science; assessment of France's contribution to the modern democracies. PREREQ: F 202 or PERM/DEPT. Alternate years.

G GERMAN

NOTE: Most Foreign Language Courses require a lab fee.

Lower Division

G 101-102 ELEMENTARY German (4-1-4). Listening, speaking, reading and writing skills in cultural framework. May not enroll in G 101 for credit more than one year of high school German or equivalent with PERM/INST. Students in G 102, lacking adequate preparation may do so.

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

G 201-202 INTERMEDIATE GERMAN (4-1-4)(Area I). A continuation of G 101-102. This course emphasizes listening, speaking, reading and writing. Focus on vocabulary building, grammar review, cultural and literary readings 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 familiarity with German newspapers, magazines, essays, discussion of slides, tapes, and films. Frequent writing required. PREREQ: G 202 or equivalent as determined by placement exam 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 exam and consultation. Alternate years.

G 331 INTRODUCTION TO GERMAN LITERATURE AND LITERARY STUDIES (3-0-3).F). Major writers and periods examined from various angles and a view of German literary development. The course is intended to provide insights into literary craftsmanship. PREREQ: G 202 or equivalent as determined by placement examination and consultation.

G 331 GERMAN CULTURE AND CIVILIZATION (3-0-3). German civilization from prehistoric times through the first half of the 19th Century. Contributions to the development 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.
NOTE: MostForeign Language Courses require a lab fee.

**ELEMENTARY RUSSIAN (4-1-4).** This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. Class sessions meet four times a week, and there is one hour per week of required laboratory practice. The class is conducted in Russian. Alternate years. presented to the seminar. PREREQ: Senior standing or PERMINST. 

**SPANISH**

NOTE: Most Foreign Language 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 in order to familiarize the student with the Spanish language. Students may not enroll for S 101 for credit if they have had more than one year of high school Spanish or the equivalent. PREREQ: 201-202 and SPANISH HISPANIC SPANISH 4 (Area A-I). Intended to further develop Spanish language skills, both oral and written. Intensive review of fundamentals of structure and vocabulary. Topics for conversation, reading, and writing focus upon culture of the Spanish-speaking world. Alternate years. S 202 SPANISH SPANISH 101-102 (Area A-I). A course designed for students with native Spanish ability but insufficient formal training in grammar, reading, and standard oral communication. Students qualified for this course cannot challenge S 202. PREREQ: S 201-202 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 expressive conversation as well as accuracy in writing Spanish. Offers analysis of grammar and development 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. Expands facility in expressive conversation as well as accuracy in writing Spanish. Offers analysis of grammar and development 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 331 INTRODUCTION TO HISPANIC LITERATURE AND LITERARY ANALYSIS (3-0-3). 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, using as 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 origins to contemporary times. An intensive analysis of the historical, political, economic, social, and cultural development of Hispanic nations. Emphasis will be placed on the contributions of Hispanic nations 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 works of Mexican-Americans, through the Spanish conquest of Mexico and the Colonial period, the Mexican-American War, and the development of the Mexican-American community in the United States over the past one hundred years. Readings and papers 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 teaching the Spanish language to beginners. The course is designed to familiarize the teacher with the Spanish language. Emphasis will be placed on the analysis of ways in which traditional, descriptive, and transformational models deal with the system of language, and its place among the sociolinguistic, logical and syntactic levels. PREREQ: S 305 and 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 PERMINST. Alternate years.

S 435 LITERATURA CONTEMPORANEA ESPAÑOLA (3-0-3). Literature of ideas in contemporary Spain through major representative authors and works. Genesis of modern thought and perspective in today's Spain. PREREQ: S 331 or PERMINST. Alternate years.

S 437 LITERATURA CONTEMPORANEA HISPANOAMERICANA (3-0-3). Literature of ideas in contemporary Spanish-America through major representative authors and works. Genesis of modern thought and perspective in today's Hispanic America. PREREQ: S 331 or PERMINST. Alternate years.

S 445 LITERATURA ESPAÑOLA: SIGLOS XVIII Y XIX (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 PERMINST. Alternate years.

S 447 LITERATURA HISPANOAMERICANA: SIGLO 19 (3-0-3). A detailed study of the representative movements, periods, works, and authors from 1880 to 1910. PREREQ: S 331 or PERMINST. Alternate years.

S 455 EDAD DE ORO DE LA LITERATURA ESPAÑOLA (3-0-3). The main literary movements of the Golden Age in Spain (16th-17th centuries), with emphasis on representative authors from each. PREREQ: S 331 or PERMINST. 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 PERMINST. Alternate years.

S 465 LITERATURA ESPAÑOLA MÉDIEVAL Y RENACENTISTA (3-0-3). An introduction to the principal authors, works, movements, and periods of the Spanish-speaking world from the beginnings to the end of the 15th century. PREREQ: S 331 or PERMINST. Alternate years.

S 475 EVENTOS CONTEMPORÁNEOS DE GENTES Y PAÍSES HISPANOAMERICANOS (3-0-3). A lecture and discussion course based on current social, economic, cultural and political events in the Spanish-speaking world. Special attention will be paid to foreign policy, historical events and analysis and the people, viewpoints, and institutions, as well as the problems, issues and trends facing people in their respective countries today. PREREQ: S 376 or S 377 or S 304 or PERMINST.

S 498 SENIOR SEMINAR (3-0-3). Exploration of fields of special interest, either literary or social studies oriented. Individual thought and research culminate in a paper to be presented to the seminar. Practical application of independent study approaches, research methods, and bibliographic format. Required of all Spanish majors with Liberal Arts emphasis. PREREQ: Senior standing or PERMINST.

**TEACHING EDUCATION**

**Lower Division**

TE 108 EFFECTIVE READING AND EFFECTIVE STUDY SKILLS (2-0-2/F). Develops the reading and study skills of the college students. Areas of study include study techniques, note-taking, memory, and organization. PREREQ: S 101 for credit if they have had more than one year of high school Spanish or the equivalent. Alternate years.

TE 109 INTRODUCTION TO TEACHING I: 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. A minimum of ten hours of classroom observation and weekly seminars will be required for this course to be taken. PREREQ: S 101 or S 202. Spring of odd numbered years.

TE 208 INTRODUCTION TO MICROCOMPUTERS IN EDUCATION (3-0-3). This course introduces students to the use of microcomputers in education. Students will study the BASIC computer language, terminology and concepts. Students will explore considerations in selecting hardware; become critical consumers of software; and explore the possibilities and limitations of computer assisted instruction in the classroom. 3:00. LA lab fee.

TE 215 GRAMMAR AND LANGUAGE USAGE FOR TEACHERS (3-0-3). This course will provide instruction in the content of language arts curriculum generally taught in grades 4-8. Students will study the developmental sequence of grammar, punctuation, spelling, and language study appropriate to each grade level. The course will also include an introduction to writing instruction.

TE 261 CHILD BEHAVIOR IN EARLY CHILDHOOD EDUCATION (3-0-3). The influence of the home and school environments will be examined in relation to child behavior. Social and economic factors will be examined. Parent and teacher manuals will be examined in relation to theories and appropriateness in managing young children's behavior.

TE 271 INTRODUCTION TO TEACHING II: INSTRUCTIONAL EXPERIENCE (2-1-0/F). This course will provide students with an opportunity to assist a teacher with a variety of instructional activities. Students will participate in seminars and a minimum of six hours of classroom observation. Each student will be given a grade. As part of this course, students will be introduced to the teachers' and school's expectations and in-service needs for the new teacher.

**Upper Division**

TE 305 TEACHING BEGINNING READING, K-3 (3-0-3). This course will teach students to teach reading in the primary grades. Students will examine and demonstrate competence in using basal reading systems, the Language Experience approach and individualization of reading instruction. PREREQ: Junior Standing.

TE 306 TEACHING INTERMEDIATE READING GRADES 4-6 (3-0-3). This course will teach students to teach reading in grades 4-6. Different groupings, designs, the implementation of basal readers, individual and group instruction. Study skills, content area reading, word recognition skills, dictionary skills, reading and library skills, and higher order cognitive skills will also be taught. PREREQ: Junior Standing.
TE 307 READING IN THE CONTENT SUBJECTS, SECONDARY (3-0-3)(FS SU). This course provides an understanding of reading as a communication skill, and stresses the responsibility of teachers to teach the vocabulary of their specific discipline. It focuses upon the commonality of reading and writing skills in the content areas. Major emphasis will be placed on the University Resource Center as well as those available in local school districts will provide the materials base.

TE 316 CHILDREN’S LITERATURE (3-0-3)(FS). 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 and time periods will be included. The major theories and etiology regarding the handicapped. The specific categories of the emotionally impaired, the behavior disordered, the learning disabled, and the mentally retarded shall be emphasized. PREREQ: TE 291.

TE 333 EDUCATING EXCEPTIONAL SECONDARY STUDENTS (1-0-1)(FS). This course is designed to acquaint prospective secondary teachers with the needs 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 334 TEACHING IN SPECIAL EDUCATION (3-0-3)(FS). This course will provide an appraisal of the major need-proximate problems in teaching remedial students as well as current issues in book selection will be included. Literature from diverse cultures and time periods will be included. The major theories and etiology regarding the handicapped. The specific categories of the emotionally impaired, the behavior disordered, the learning disabled, and the mentally retarded shall be emphasized. PREREQ: TE 291.

TE 341 LITERATURE FOR YOUNG ADOLESCENTS (3-0-3). This course will provide an appraisal of selected currents in young adult literature. A variety of early childhood setting will be visited. PREREQ: Approval of an feeder's application for student teaching. Graded pass/fail.

TE 344 ADVANCED DRIVER EDUCATION (2-1-2). Designed to provide advanced preparation for the advanced driver education course. PREREQ: S 202, TE 453, TE 454. Graded pass/fail.

TE 345 CURRICULUM IN EARLY CHILDHOOD EDUCATION (3-0-3)(FS). The preschool-primary curriculum will be examined in relation to readiness and academic skill development. An understanding of effective communications and conferring skills with parents will be emphasized. A variety of early childhood settings will be visited. PREREQ: Approval of an application for student teaching. Graded pass/fail.

TE 354 PRODUCTION OF AUDIO VISUAL MATERIALS (2-2-2)(FS). Motion pictures, graphic materials, timetrips, lantern slides, field trips and auditory aids are among the instructional materials studied in this class with practical experience in operating the equipment involved.

TE 358 CORRECTIVE READING (3-0-3)(SSU). A study of reading difficulties of elementary or secondary school pupils and the development of appropriate teaching methodologies. 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.

TE 362 CURRICULUM IN EARLY CHILDHOOD EDUCATION (3-0-3)(FS). The preschool-primary curriculum will be examined in relation to readiness and academic skill development. An understanding of effective communications and conferring skills with parents will be emphasized. A variety of early childhood settings will be visited. PREREQ: Approval of an application for student teaching. Graded pass/fail.

TE 367 ENGLISH FOR COMMUNICATION (3-0-3)(FS). Placement and interview skills in English and Spanish. May be taken concurrently with TE 453 or TE 454. PREREQ: S 202, TE 453, TE 454. Graded pass/fail.

TE 371 ELEMENTARY STUDENT TEACHING IN SPECIAL EDUCATION (0-20-5)(S). Supervised student teaching under the direction of a cooperating teacher in a bilingual classroom and regularly scheduled. Graded pass/fail.

TE 373 CURRICULUM FOR THE MODERATELY/SEVERELY HANDICAPPED (3-0-3)(F). This course is designed to provide students with an opportunity to develop the necessary skills in remedial planning for the exceptional student, through the development of long term objectives and the individual instructional plan required for effective remediation. PREREQ: TE 331 or equivalent.

TE 380 ELEMENTARY STUDENT TEACHING (0-20-5)(FS). Supervised student teaching in a secondary school. The student will be placed with a cooperating teacher for one week in a major/minor field under the supervision of 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 384 ELEMENTARY CURRICULUM AND METHODS (6-0-6)(FS). 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 385 CURRICULUM AND METHODS (6-0-6)(FS). 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 386 CURRICULUM AND METHODS (6-0-6)(FS). 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 387 CURRICULUM AND METHODS (6-0-6)(FS). 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 388 CURRICULUM AND METHODS (6-0-6)(FS). 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 389 CURRICULUM AND METHODS (6-0-6)(FS). 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 390 CURRICULUM AND METHODS (6-0-6)(FS). 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 391 CURRICULUM AND METHODS (6-0-6)(FS). 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 392 CURRICULUM AND METHODS (6-0-6)(FS). 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 393 CURRICULUM AND METHODS (6-0-6)(FS). 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 394 CURRICULUM AND METHODS (6-0-6)(FS). 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 395 CURRICULUM AND METHODS (6-0-6)(FS). 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 396 CURRICULUM AND METHODS (6-0-6)(FS). 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 397 CURRICULUM AND METHODS (6-0-6)(FS). 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 398 CURRICULUM AND METHODS (6-0-6)(FS). 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.
COLLEGE OF EDUCATION

TE 485 SENIOR HIGH SCHOOL STUDENT TEACHING - COMPETE (0-10-9)(FS). Supervised student teaching in the senior high school. The student will be placed with a cooperating teacher for approximately one-half of the semester in his major and/or minor field under the supervision of the university faculty. The other half of the semester will be in a junior high or middle school. **PREREQ:** Prior acceptance for student teaching; TE 201, 381. **COREQ:** TE 484, 486, 487. Graded pass/fail.

TE 486 THE JUNIOR HIGH/MIDDLE SCHOOL (1-0-1)(FS). This course will examine the characteristics of students, teaching methods, classroom management, curricula, and other problems and aspects specific to the junior high/middle school. Particular care will be taken to help the student relate philosophy and theory to his student teaching experiences. **PREREQ:** TE 201, 281. **COREQ:** TE 482 or 484.

TE 487 THE SENIOR HIGH SCHOOL (1-0-1)(FS). This course will examine the characteristics of students, teaching methods, classroom management, curricula, and other problems and aspects specific to the senior high school. Particular care will be taken to help the student relate philosophy and theory to his student teaching experiences. **PREREQ:** TE 201, 381. **COREQ:** TE 483 or 485.

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 Courses

(See Graduate School Section for Course descriptions)

TE 501 ADVANCED PRACTICES AND PRINCIPLES OF TEACHING READING (3-0-3)(FSSU).
TE 502 DIAGNOSIS OF READING PROBLEMS (DIRECTED EXPERIENCES IN THE READING CENTER) (3-0-3)(FSU).
TE 503 REMEDIATION OF READING PROBLEMS (DIRECTED EXPERIENCES IN THE READING CENTER) (3-0-3)(SSU).
TE 504 SEMINAR IN READING EDUCATION (3-0-3)(FSU).
505 INDIVIDUAL TEST AND MEASUREMENTS (3-0-3).S.
TE 507 RELATING READING PROCESSES TO SECONDARY SCHOOL SUBJECTS (3-0-3).F.
TE 508 TEACHING READING IN THE SECONDARY SCHOOL (3-0-3).S.
T E 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).S.
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 515 TEACHING SKILLS FOR REMEDIATION OF LEARNING DISABLED STUDENTS (3-0-3).F.
TE 516 TEACHING GIFTED AND TALENTED STUDENTS (3-0-3).S.
TE 517 DEVELOPMENT OF SKILLS FOR TEACHING MODERATELY/SEVERELY HANDICAPPED (3-0-3).S.
TE 518 TECHNIQUES FOR CREATIVE WRITING IN ELEMENTARY SCHOOLS (3-0-3).S.
TE 519 CHILDREN'S LITERATURE, ADVANCED LEVEL (3-0-3).S.
TE 520 EDUCATIONAL MEDIA (3-0-3).S.
TE 522 INDIVIDUALIZATION OF READING INSTRUCTION (3-0-3).F.
TE 523 EMOTIONALLY DISTURBED CHILD IN THE CLASSROOM (3-0-3).F.
TE 531 EDUCATION FOR THE CULTURALLY DIFFERENT LEARNER (3-0-3).S.
TE 541 EDUCATION IN EMERGING NATIONS (3-0-3).F.
TE 542 RESEARCH AND REVIEW IN EARLY CHILDHOOD EDUCATION (3-0-3).S.
TE 543 ADVANCING PHYSICAL AND INTELLECTUAL COMPETENCIES IN EARLY CHILDHOOD EDUCATION (3-0-3).S.
TE 545 CREATIVITY IN EARLY CHILDHOOD EDUCATION (3-0-3).F.
TE 546 DIAGNOSIS AND EVALUATION IN EARLY CHILDHOOD EDUCATION (3-0-3).S.
TE 547 LANGUAGE ACQUISITION AND DEVELOPMENT IN EARLY CHILDHOOD EDUCATION (3-0-3).F.
TE 548 PROGRAM DEVELOPMENT IN EARLY CHILDHOOD EDUCATION (3-0-3).F.
TE 551 FUNDAMENTALS OF EDUCATIONAL RESEARCH FOR TEACHERS (3-0-3).F.
TE 555 SUPERVISION OF INSTRUCTIONAL PERSONNEL (3-0-3).S.
TE 557 VALUES AND IDEOLOGIES IN EDUCATION (3-0-3).S.
TE 563 CONFLICTING VALUES INFLUENCING EDUCATION (1-0-1).S.
TE 564 CREATIVE TEACHING—SECONDARY SCHOOL (1-0-1).S.
TE 566 INTERPRETING EDUCATIONAL RESEARCH (1-0-1).S.
TE 568 TECHNIQUES OF CLASSROOM MANAGEMENT (1-0-1).S.
TE 569 TESTING AND GRADING (1-0-1).S.
TE 570 TEACHING SUBJECT CONTENT THROUGH READING (1-0-1).S.
TE 572 TECHNIQUES OF CLASSROOM MANAGEMENT (1-0-1).S.
TE 573 CREATIVE TEACHING—ELEMENTARY SCHOOL (1-0-1).S.
TE 581 CURRICULUM PLANNING AND IMPLEMENTATION (3-0-3).S.
TE 582 TEACHING CORE-ISSUES IN EDUCATION (3-0-3).S.
TE 583 CURRICULUM PLANNING AND IMPLEMENTATION (3-0-3).S.
TE 584 PRACTICUM (V-V-V).
TE 585 PROJECT (V-V-V).
TE 589 THESIS (V-V-V).

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