Part 6

College of Arts and Sciences

Dean: Daryl E. Jones, Ph. D.
Associate Dean: Phillip M. Eastman, Ph. D.

College of Arts & Sciences Emeriti:

Philosophy
The University's largest and most comprehensive academic unit, the College of Arts and Sciences enjoys a broad mission in teaching, research and creative activity and service.

In teaching, the College of Arts and Sciences offers a core curriculum which prepares undergraduate students for future lives and careers by developing their communication, numerical, and analytical skills, enhancing their creative abilities, fostering in them a greater awareness of human values and needs, and encouraging in them a lifelong appreciation of learning for its own sake.

Additionally, the College offers strong undergraduate and graduate programs for students specializing in the Arts, Humanities and Sciences, and offers a full array of elective and service courses for students majoring in other schools and colleges.

In research, the College generates and disseminates knowledge through basic and applied research, scholarship, and creative activity, enhancing the scientific, technological, humanistic, and cultural environment of the state, the region, and the larger society.

In service, the College meets the educational, economic, and cultural needs of the state through research, publications, credit and non-credit workshops and special programs, and by a rich diversity of cultural and entertainment events.

Objectives
1. To offer programs of study leading to a baccalaureate degree in the:
   - Arts — Advertising Design, Art, Music, and Theatre Arts;
   - Humanities — English and Philosophy; and

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), and the Bachelor of Music (in Music Performance, Music Education, and Music Theory and Composition).

2. To offer programs of study leading to the Masters degree in:
   a. Raptor Biology (Master of Science);
   b. English (Master of Arts);
   c. Geology (Master of Science), in cooperation with Idaho State University;
   d. Geophysics (Master of Science), in cooperation with the University of Idaho and Idaho State University;
   e. Performance/Pedagogy (Master of Music);
   f. Secondary Education (Master of Arts or Science), with majors in various departments. See Graduate College, College of Education listed elsewhere in this catalog.

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

4. To offer elective and service courses for students majoring in other colleges or schools.
Activities

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

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

Students can participate in many activities sponsored by the departments in the College, including art exhibits (Art), production of plays (Theatre Arts), student recitals and ensemble concerts (Music), and a variety of scientific field trips.

Minors

ART MINOR
Survey Western Art AR 101, 102 ........................................... 6
Basic Design AR 105 ........................................................................... 3
Drawing AR 111 .................................................................................. 2
Painting AR 113 .................................................................................. 2
Sculpture, Metals, or Ceramics ......................................................... 2
Additional credits may be selected from any 100 to 400 level regular Art course offerings, 3 credits of which must be upper division ................................................................. 7
TOTAL 22

BIOLOGY MINOR
General Botany BT 130 ................................................................. 4
One of the following: ................................................................. 4
Concepts Anatomy & Physiology Z 107
Human Anatomy & Physiology Z 111, 112
General Zoology Z 130
Biological electives at the 200 level or higher with at least one upper division course ................................................................. 10-14

CHEMISTRY MINOR
College Chemistry C 131*, 132, 133, 134 ............................................. 9
Organic Chemistry C 317, 318, 319 ....................................................... 8
One of the following pairs of courses: ........................................... 4-5
Quantitative Analysis C 211, 212
General Chemistry C 211*, 212
Intro to Biochemistry C 311, 312
*Math and/or Physics prerequisite

TOTAL 21-22

ENGLISH MINOR
One writing course numbered 200 or higher .................................. 3
Linguistics ......................................................................................... 3
Survey of British Literature E 240, 260 ................................................. 3
Survey of American Literature E 271, 272 ........................................... 3
English & Linguistics electives (6 upper division) .............................. 9
TOTAL 21

MATHEMATICS MINOR
Calculus & Analytical Geom M 204, 205, 206 .................................. 13
or Accelerated Calculus M 211, 212 .................................................. 10
At least 9 credits in upper division mathematics (M prefix except for M 493 and 496) to include at least one of the following: ................................................................. 9
Intro Abstract Algebra M 302
Number Theory M 306
Foundations of Geometry M 311
Foundations of Analysis M 314
Advanced Algebra M 401
Abstract Algebra M 441
TOTAL 19-22

MUSIC MINOR
Concert Class MA 101 (two semesters) ........................................... 0
Materials of Music I-II MU 119, 120 .................................................... 6
Ear Training I-II MU 121, 122 ............................................................ 2

Department of Art
Liberal Arts Building, Room 252 Telephone (208) 385-1230
Chairperson and Professor: Mary Witte; Professors: Blankenship, Heap, Huff, Killmaster, Kober, Roberts, Russell, Skov, Takehara; Associate Professors: Benson, Douglass, Hoopes, Miller, Oravez, Shurtleff, Smith, Taye, Taylor; Assistant Professor: Lee; Visiting Professors: Eastman, Galindo, Machacek.

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

Degree Requirements

ART MAJOR
Bachelor of Arts Program

College of Arts and Sciences

Intro to Music MU 133 (Area I) ......................................................... 3
Ensemble ME 1 ................................................................. 2
Choice of 2 semesters of Piano Class (MA 150), Voice Class (MA 180), or Begin Guitar and/or Intern Guitar Class (MA 127, 128), or Private Lessons (MC courses*) in any Instrument or Voice ......................................................... 2-4
Music Elective—Upper Division ......................................................... 5
TOTAL 20-22

PHILOSOPHY MINOR
Intro to Philosophy PY 101 ......................................................... 3
Intro to Logic PY 121 ................................................................. 3
Ethics PY 211 ............................................................................ 3
Electives from Philosophy courses except PY 489 ......................... 9
TOTAL 18

PHYSICS MINOR
Mechanics, Waves & Heat PH 211* ............................................... 4
Mechanics, Waves & Heat Lab PH 212 ........................................... 1
Electricity, Magnetism & Optics PH 213 ......................................... 4
Electricity, Magnetism & Optics Lab PH 214 .................................... 1
Modern Physics PH 311*, 312 ......................................................... 6
One of the following: Analog Electronics Lab PH 301
Laboratory Microprocessor Applications PH 307
Optics PH 331
Mechanics PH 341
Electricity & Magnetism PH 381
Advanced Topics PH 422
*Math and/or Engineering prerequisite
TOTAL 19-20

THEATRE ARTS MINOR
Technical Theatre TA 117 ............................................................. 4
Acting I TA 215 ........................................................................ 3
Technical Theatre TA 118 ............................................................. 4
or Acting II TA 216 ......................................................................... 3
Major Production Participation TA 231, 331 .................................... 3-4
World Drama TA 341 or 342 .......................................................... 3
Directing TA 401 ........................................................................... 3
TOTAL 20

General University & Basic Core Requirement Credits ............ 51
Art Major Requirements
Painting and/or Watercolor AR 113, 114, 217, 218 ......................... 6
Drawing AR 111, 112 ....................................................................... 6
Art History ......................................................................................... 9
Design AR 105, 106 ....................................................................... 9
Ceramics AR 225 ............................................................................. 2
Sculpture AR 231 ............................................................................ 2
Printmaking AR 209 ..................................................................... 2
Art Metals AR 221 ........................................................................ 2
*Senior Show AR 410 .................................................................. 1
Senior Seminar AR 498 .................................................................... 3

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College of Arts and Sciences

Major Emphasis
A total of 14 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.

*Senior show is not required of Art History majors.

Elective Credits .................................................. 38

TOTAL 128

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

Art Education—Bachelor of Arts Program

General University & Basic Core Requirement Credits .................. 51
Art Major Requirements
Painting ........................................................................ 6
Watercolor .................................................................... 4
Drawing ....................................................................... 6
Basic Design AR 105, 106 ............................................ 6
Art History .................................................................... 6
Ceramics ....................................................................... 2
Sculpture ....................................................................... 2
Printmaking AR 209 .................................................... 6
Crafts AR 123 .............................................................. 2
Lettering AR 107 .......................................................... 2
Senior Show AR 410 ..................................................... 1
Senior Seminar AR 498 ................................................ 3

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Education Requirements for Qualification Toward State Certification. Refer to the Department of Teacher Education listing in the College of Education for complete information.

Intro Secondary Teach: Clsm Obs TE 172 ................................ 1
Foundations of Education TE 201 ....................................... 3
Educational Technology TE 356 ....................................... 2
Educating Exceptional Secondary Student TE 333 ............... 1
Reading in Content Subject TE 407 .................................... 3
Secondary School Methods TE 381 .................................... 3
Educational Psychology P 220 ........................................... 3
Art Methods in Secondary Schools AR 351 ....................... 3
Elementary School Art Methods AR 321 .......................... 3
Secondary Student Teaching ......................................... 10-16

Elective Credits .......................................................... 0-3

TOTAL 128

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

Art—Advertising Design—Bachelor of Arts Program

General University & Basic Core Requirement Credits .................. 51
Art Major Requirements
Advertising Design AR 203, 204, 303 .................................. 10
Watercolor and/or Painting ............................................. 8
Drawing ....................................................................... 6
Advertising Illustration AR 361 ....................................... 6
Basic Design AR 105, 106 ............................................ 6
Lettering-Lettering & Layout AR 107, 108 ......................... 4
Art History .................................................................... 6
Intro to Printmaking AR 209 ........................................... 2
Intro to Creative Photography AR 251 ............................ 2
Senior Show AR 410 ..................................................... 1
Senior Seminar AR 498 ................................................ 3

54

Elective Credits .......................................................... 23

TOTAL 128

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

ART MAJOR
Bachelor of Fine Arts Program

General Art—Bachelor of Fine Arts Degree

General University & Core Requirement Credits ...................... 32
Art Major Requirements
Painting ....................................................................... 8
Drawing ....................................................................... 8
Art History .................................................................... 12
Watercolor .................................................................... 4

42

Basic Design AR 105, 106 ............................................... 6
Intro to Printmaking AR 209 ........................................... 2
Sculpture ....................................................................... 2
Ceramics ....................................................................... 2
Art Metals ...................................................................... 2
Senior Show AR 410 ..................................................... 1
Senior Seminar AR 498 ................................................ 3
Art Electives ................................................................. 16

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

*Senior show is not required of Art History majors.

Elective Credits .......................................................... 30

TOTAL 128

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

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

Art Education—Bachelor of Fine Arts

General University & Core Requirement Credits ...................... 32
Art Major Requirements
Painting ....................................................................... 8
Drawing ....................................................................... 8
Art History .................................................................... 9
Watercolor .................................................................... 4
Basic Design AR 105, 106 ............................................ 6
Intro to Printmaking AR 209 ........................................... 2
Sculpture ....................................................................... 2
Ceramics ....................................................................... 2
Art Metals ...................................................................... 2
Senior Show AR 410 ..................................................... 1
Senior Seminar AR 498 ................................................ 3

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

Education Requirements for Qualification Toward State Certification
Intro Second Teach: Clsm Obs TE 172 ................................ 1
Foundations of Education TE 201 ....................................... 3
Educational Technology TE 356 ....................................... 2
Educating Exceptional Secondary Student TE 333 ............... 1
Reading in Content Subject TE 407 .................................... 3
Secondary School Methods TE 381 .................................... 3
Educational Psychology P 220 ........................................... 3
Art Methods in Secondary Schools AR 351 ....................... 3
Elementary School Art Methods AR 321 .......................... 3
Secondary School Teaching ......................................... 10-16

Elective Credits .......................................................... 13-18

TOTAL 128

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

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

General University & Core Requirement Credits ...................... 32
Art Major Requirements
Advertising Design AR 203, 204, 303 .................................. 10
Painting ....................................................................... 8
Drawing ....................................................................... 8
Watercolor .................................................................... 4
Basic Design AR 105, 106 ............................................ 6
Sculpture, Ceramics, Art Metals ...................................... 4
Lettering-Lettering & Layout AR 107, 108 ......................... 4
Art History .................................................................... 12
Intro Creative Photography AR 251 ............................ 2
Intro Printmaking AR 209 ....................................... 2

42
Advertising Illustration AR 361 ........................................... 6
Senior Show AR 410 ......................................................... 1
Senior Seminar AR 498 .................................................... 3 70
Professional Electives ....................................................... 26
NOTE: A minimum of 40 credit hours of a total 128 must be Upper Division.

ART MINOR
Survey of Western Art AR 101, 102 ....................................... 6
Basic Design AR 103 ......................................................... 3
Drawing AR 111, 112 ....................................................... 4 2
Painting AR 113 .............................................................. 2
Sculpture, Metals or Ceramics ........................................... 2
Upper Division Art Elective ............................................... 3
Art Electives ................................................................. 4
TOTAL 128

Recommended Programs

ART MAJOR
BA General-Painting, Drawing or Art History

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<td>English Composition E 101, 102</td>
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| SOPHOMORE YEAR |
| Anatomy AR 211 | 2 |
| Ceramics AR 225 | 2 |
| **Painting AR 215** | 3 |
| Sculpture AR 231 | 3 |
| Area I | 3 |
| Area III—Area I | 3 |
| Electives | 4 |
| TOTAL | 15 16 |

| JUNIOR YEAR |
| Art History AR 301 | 3 |
| Intro to Printmaking AR 209 | 3 |
| **Studio in Painting AR 315** | 3 |
| Area I—Area II | 3 |
| Area III—Area I | 3 |
| Upper Division Electives | 4 |
| TOTAL | 17 17 |

| SENIOR YEAR |
| Senior Seminar AR 498 | 3 |
| Senior Show AR 410 | 3 |
| Area II | 3 |
| Upper Division Electives | 8 |
| TOTAL | 15 15 |

**14 credits constitutes a major. If your major is drawing or art history, substitute those classes for the asterisked classes.**

TOTAL: 128 credits, including 40 Upper Division Credits.

ART MAJOR
BA Printmaking Major
or Sculpture, Ceramics, Art Metals, Photography, Watercolor

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<td>English Composition E 101, 102</td>
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<td>Area II—Area III</td>
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<tr>
<td>TOTAL</td>
<td>16 17</td>
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</table>

| SOPHOMORE YEAR |
| Painting AR 215 | 2 |
| Intro to Printmaking AR 209, 210 | 2 |
| Anatomy AR 211 | 2 |
| TOTAL | 43 |

**20 credits constitutes a major. If your major is painting or art history, substitute those classes for the asterisked classes.**

TOTAL: 128 credits, including 40 Upper Division Credits.

ART MAJOR
BA Sculpture Major
or Printmaking, Art Metals, Photography, Ceramics, Watercolor

<table>
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<th>1st SEM</th>
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<td>TOTAL</td>
<td>15 16</td>
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</table>
**JUNIOR YEAR**

- Anatomy—Life Drawing AR 211, 212
- Painting AR 215
- Watercolor AR 217, 218
- Sculpture AR 231, 232
- Area I Literature—Area II
- Art Metals AR 221
- Ceramics AR 225
- Area III—Area I

**SOPHOMORE YEAR**

- **Studio Sculpture AR 331**
- Intro to Printmaking AR 209
- Art History AR 301, 302
- Area I Literature—Area II
- Electives
- Area II—Any Field
- Area I Literature—Area II
- Area II History—Area II
- Area I Literature—Area II
- Area III—Area I
- Electives

**SENIOR YEAR**

- **Studio Sculpture AR 431**
- Senior Show AR 410
- Senior Seminar AR 498
- Upper Division Electives
- **Art History AR 101, 102 Area I**
- Area II—Any Field
- Area II History—Area II
- Area I Literature—Area II
- Area III—Area I
- Electives

"20 credits constitutes a major. If your major is printmaking, art metals, photography, ceramics, or watercolor, substitute those classes for the asterisked classes.

**TOTAL**: 128 credits, including 40 Upper Division Credits.

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**ART EDUCATION MAJOR**

**BACHELOR OF ARTS**

**FRESHMAN YEAR**

- English Composition E 101, 102
- Basic Design AR 105, 106 Area I-1st-Any Field
- Lettering AR 107
- Survey Western Art AR 101, 102
- Drawing AR 111, 112
- Painting AR 113, 114
- Area II—1st Field
- Elective

**SOPHOMORE YEAR**

- Intro Second Teach: Clsmn Obs TE 172
- Found of Education TE 201 Area II-2nd Field
- Drawing AR 211
- Watercolor AR 217, 218
- Ceramics AR 225
- Intro to Printmaking AR 209
- Area II History—1st Field
- Area I Literature—1st Field
- Area III—1st & 2nd Field
- Area II—Any Field

**JUNIOR YEAR**

- Sculpture AR 231
- Painting AR 215
- Area I-3rd Field
- Area III—Any Field
- Educ Except Second Student TE 333
- Educational Psychology P 220
- Elem School Art Methods AR 321
- Secondary School Art Methods AR 351
- Secondary School Methods TE 381
- Read in Content Subject TE 407
- Electives

**SENIOR YEAR**

- Senior Seminar AR 498
- Senior Show AR 410
- Crafts AR 123
- Educational Technology TE 356

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**FRESHMAN YEAR**

- Art History AR 101, 102 Area I
- Basic Design AR 105, 106 Area I
- Lettering AR 107
- English Composition E 101, 102
- Drawing AR 111, 112
- Painting AR 113, 114
- Crafts AR 123
- Elective

**SOPHOMORE YEAR**

- Intro Second Teach: Clsmn Obs TE 172
- Found of Education TE 201 Area II-2nd Field
- Drawing AR 211
- Watercolor AR 217, 218
- Ceramics AR 225
- Intro to Printmaking AR 209
- Area I Literature
- Area II History
- Area III
- Elective

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**FRESHMAN YEAR**

- Survey Western Art AR 101, 102 Area I
- Basic Design AR 105, 106 Area I
- Lettering AR 107
- English Composition E 101, 102
- Drawing AR 111, 112
- Painting AR 113, 114
- Crafts AR 123
- Elective

**SOPHOMORE YEAR**

- Painting AR 215
- Art History AR 301
- Sculpture AR 231
- Senior Show AR 410
- Senior Seminar AR 498
- Educational Technology TE 356
- Secondary School Teaching
- Electives

**TOTAL**: 128 credits, including 40 Upper Division Credits.
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**ADVERTISING DESIGN**

**BACHELOR OF FINE ARTS**

**FRESHMAN YEAR**

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**SOPHOMORE YEAR**

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**Course Offerings**

See page 20 for definition of course numbering system.

**ART**

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

**Lower Division**

**AR 101 BASIC DRAWING AND PAINTING FOR NON-ART MAJORS (0-4-2)(F,S).** One semester course with emphasis on media, techniques, and philosophy designed to acquaint the general college student with the basic fundamentals of drawing and painting.

**AR 102 SURVEY OF WESTERN ART (3-0-3)(F,S).** A historical survey of painting, sculpture, and architecture from Prehistoric art through the Middle Ages.

**AR 103 INTRODUCTION TO ART (3-0-3)(F,S).** A one-semester course designed to acquaint the general college student with the aesthetics of painting, sculpture, architecture, and related art forms.

**AR 105 BASIC DESIGN (2-2-3)(AREA A).** A two dimensional theoretical and applied study of the basic design elements underlying all art areas.

**AR 106 BASIC DESIGN (2-2-3)(AREA B).** An exploration of three dimensional design elements. Emphasis on the theoretical and applied study of the structural organization underlying three dimensional art forms. **PREREQ:** AR 105 or PERM/INST.

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

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

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

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

**AR 113 PAINTING (0-4-2).** Study of basic techniques of painting in oil, acrylic or other media as determined by instructor. Students will learn to represent form and space through study of value relationships and through use of monochromatic color. Still life and other subject matter will be used. Advisable to take AR 111 Painting concurrently with AR 113. Limited enrollment spring semester.

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

**AR 115 LANDSCAPE PAINTING (0-4-3)(SU).** Various styles and techniques in landscape painting in oil, watercolor and related media. Field trips. First summer session.

**AR 116 LANDSCAPE PAINTING (0-4-3)(SU).** (Description same as AR 115 above.) Second summer session.

**AR 123 CRAFTS (0-4-2)(F,S).** Lectures will be in the nature of crafts, the design principles, craftsmanship and creativity. Several areas of crafts applicable to the public school classroom will be introduced. Simple crafts, leather work, mosaic, ceramic tile construction, batik, tie and dye, creative stitchery, enameling,
College of Arts and Sciences

macrame, simple ceramic work, sheet plastic and others may be assigned. The proper use of hand tools and their safety will be stressed. This course is open to non-art majors.

AR 131 INTERIOR DECORATION (2-2-1)(F/S). Aid in understanding and appreciating interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture.

AR 156 ARCHITECTURAL GRAPHIC COMMUNICATION (1-4-3)(S). Introduction to the process of Architectural Graphic Communication; to explore graphics through projects and lectures.

AR 203 ADVERTISING DESIGN (0-4-2)(F). Special assignments in various technical techniques employed in advertising and commercial art, problems in layout, typography, and reproduction processes will be emphasized. Admissible to take AR 105, 106, 107 and 108 prior to AR 203.

AR 204 ADVERTISING DESIGN (0-4-2)(S). Advanced work in various techniques employed in advertising and commercial art. PREREQ: AR 108, AR 203 or PERM/INST.

AR 208 WEAVING (0-4-2)(F/S). Develop skills and techniques in four-harness loom weaving, off-loom weaving and tapestry weaving will be emphasized through construction and study of traditional and contemporary fiber arts. Taught Intermittently.

AR 209 INTRODUCTION TO PRINTMAKING (0-4-2)(F). A course designed to acquaint the student with creative work in woodcut, lithography, and intaglio. Advisable to have some experience in drawing and design.

AR 210 PRINTMAKING (0-4-2)(F/S). This course is designed to be a transitional class between the introduction to printmaking and AR 220. AR 209 emphasis will be placed on the use of the techniques to accommodate one's own personal statement while utilizing sound design practices.

AR 211 ANATOMY (0-4-2)(F/S). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Model fee. PREREQ: AR 111-112.

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

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

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

AR 218 PAINTING AND WATERCOLOR (0-4-2)(F). Introduction to experimental techniques in the use of opaque waterbase media. Work will be outdoors from nature as well as studio work. Admissible to take AR 217 prior to AR 218.

AR 219 PORTRAIT AND FIGURE PAINTING (0-4-2)(F). 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. May be repeated once for credit.

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

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

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

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

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

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

AR 251 INTRODUCTION TO CREATIVE PHOTOGRAPHY (2-2-2)(F). An aesthetic approach to the basic photographic skills of camera operation, film development and enlargement of negatives. All work in black and white. Adjustable camera required.

AR 252 HISTORY OF PHOTOGRAPHY (3-0-3)(F). This course is designed to provide a basic understanding of both the technical and visual history of photography. Through slide presentations, important photographers of the 19th and 20th centuries will be discussed in terms of their role in the development of photography as an art form. (Offered even numbered years.)

AR 255 ADVANCED ARCHITECTURAL GRAPHICS (1-4-3)(F). Three-dimensional drawing applying various delineation techniques; preliminary presentation techniques and use of color in graphics.

AR 256 BASIC ARCHITECTURAL DESIGN (1-4-3)(S). Introduction to the process of architectural design. Combines basic architectural projects with presentation techniques learned in AR 259 Architectural Graphic Communication. Advisable to take AR 105, AR 106, AR 225 and before enrolling in AR 256 Basic Architectural Design.


AR 290 MATERIALS AND METHODS OF ARCHITECTURE (3-0-3)(S). This course is designed to enable students to identify construction materials, elements, and systems; to locate theoretical and proprietary information about them and to sketch sections of various construction systems and combinations thereof. At completion, they should be able to select materials based on physical and psychological criteria and design with sensitivity to the appropriate use of various materials.

Upper Division

AR 301 NINETEENTH CENTURY ART HISTORY (3-0-3)(F). A study of important artists and movements from Neoclassicism through Post-Impressionism. Critical writing will be assigned.

AR 302 HISTORY OF TWENTIETH CENTURY MOVEMENT IN ART (3-0-3)(S). An analysis of important European artistic movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism.

AR 303 STUDIO IN ADVERTISING DESIGN (0-6-3)(F). Advanced study of the design and preparation of art for reproduction, techniques and studio practices. PREREQ: AR 204 or PERM/INST. May be repeated once for credit.

AR 305 STUDIO IN VISUAL DESIGN (0-6-3)(F). Advanced exploration of two-dimensional or three-dimensional design, continuing with problems in line, form, color, texture, and space. Advisable to take AR 105 and 106 prior to AR 305.

AR 307 STUDIO IN METALSMITHING (0-6-3)(F). Advanced study in materials of jewelry making and metalsmithing with special emphasis on forging, stone-setting, cutting, and mechanical techniques as further personal development of craftsmanship. May be repeated once for credit. PREREQ: AR 221, 222.

AR 308 ADVANCED WEAVING (0-6-3)(F). Continuing development of skills and techniques in weaving will be emphasized through specialized areas of study such as drafting and designing complex weave structures, block theory, multi-layered and three dimensional fiber construction, ikat and warp painting, dyeing with natural and chemical dyes. Taught Intermittently. PREREQ: AR 208 or PERM/INST. (Repeatable for credit.)

AR 309 STUDIO IN PRINTMAKING (0-6-3)(F). Introduction to color printing and advanced printmaking in any of the following specialized areas, each of which may be repeated once for credit: intaglio, lithography, serigraphy, and relief printing. PREREQ: AR 209.

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

AR 315 STUDIO IN PAINTING (0-6-3)(F). Creative work in representational areas in any media. May be repeated once for credit. PREREQ: AR 215.

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

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

AR 319 PORTRAIT AND FIGURE PAINTING (0-6-3)(F). Painting from models in realistic or semi-abstract styles based on individual interests. Model fee. May be repeated for credit. PREREQ: AR 219 and Upper Division status.

AR 321 ELEMENTARY SCHOOL ART METHODS (2-2-3)(F). For students expecting to teach in the elementary school schools. Taught by Upper Division students with a specific interest in art education. The prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed.

AR 325 STUDIO IN CERAMICS (0-6-3)(F). Advanced study in the materials of ceramics with emphasis on the exploration of clay, glazes, and firing as it applies to art. Advisable to take AR 225 and AR 226 prior to AR 325. Individual instruction will be given. May be repeated once for credit.

AR 331 STUDIO IN SCULPTURE (0-6-3)(F). Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Advisable to take AR 231 and AR 232 prior to AR 331. May be repeated once for credit.

AR 333 COMPUTER GRAPHICS FOR ARTISTS (0-4-2)(F). This course teaches the student to create art, graphics, or architectural drawings on a personal computer. Computers available include Paintworks Plus, Pagemaker, Aldus Freehand, SuperPaint, Lumena, and AutoCad. PREREQ: PERM/INST. (Repeatable for credit)
AR 341 CREATIVE PHOTOGRAPHY (2-4-3f/S). Advanced study of photographic techniques: emphasis on the creative approach to picture taking and printing. Adjustable camera required. Advisable to take AR 251 prior to AR 341.

AR 344 CREATIVE PHOTOGRAPHY, COLOR PRINTING (2-4-3f/S). Advanced study of photographic techniques; emphasis on the creative approach to picture taking and printing in color. Adjustable camera required. May be repeated for credit. PREREQ: AR 251 or PERM/INST.

AR 345 STUDIO IN CREATIVE PHOTOGRAPHY (2-4-3f/S). Advanced study emphasizing techniques of color slides. Color theory and composition will be covered in the course as well as the processing of slides and various methods of projections. Various approaches to lighting and laboratory work will be taught. Adjustable camera required. May be repeated for credit. PREREQ: AR 251 or PERM/INST.

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

AR 351 SECONDARY SCHOOL ART METHODS (2-3-3f). Art education on the junior high school and senior high school levels. Includes current literature in art education, budgeting, curriculum, planning.

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


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

AR 410 SENIOR SHOW (0-1-1f/S). An exhibition of art work by graduating seniors. The course will give students experience in the process of selecting, handing, and publicizing their art work. Students will be required to supply slide records of their art work, resumes, and if required, art work for the department's permanent collection. PREREQ: Senior Standing. (Pass/Fail)

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

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

AR 417 STUDIO IN PAINTING-WATERCOLOR (0-6-3f/S). Advanced study in selected watercolor media. Advisable to take AR 317 and 318 prior to AR 417. May be repeated for credit.

AR 419 STUDIO IN METALS (0-6-3f/S). Continued study in materials and methods (advanced) of jewelry making and metalsmithing as they apply to the creative artist and teacher. May be repeated for credit. PREREQ: AR 221, 222, 307.

AR 425 STUDIO IN CERAMICS (0-6-3f/S). Continued study in the materials of ceramics with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. Advisable to take AR 325 and 326 prior to AR 425. Individual instruction will be given. May be repeated for credit.

AR 431 STUDIO IN SCULPTURE (0-6-3f/S). Continued study in the material and methods of the sculptor with emphasis on welded steel and casting, carving, mixed media, and experimental. Advisable to take two semesters of AR 331 prior to AR 431. May be repeated for credit.

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

AR 444 CREATIVE PHOTOGRAPHY, COLOR PRINTING (2-4-3f/S). Individual problems in color photography. May be repeated for credit. PREREQ: AR 344 or PERM/INST.

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

AR 498 SENIOR SEMINAR (3-0-3f/S). Required reading and written and oral reports relative to the senior art major's area of interest within the visual arts. PREREQ: Senior status.
**Recommended Program**

**BIOLOGY MAJOR**

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**SECONDARY EDUCATION OPTION**

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**PRE-FORESTRY AND WILDLIFE MANAGEMENT**

This program is designed to satisfy the lower division coursework typically completed during sophomore year in a School of Forestry.
Students wishing to earn a bachelor's degree in this area of study usually transfer to the University of Idaho School of Forestry for their junior and senior years.

**Course Offerings**

### 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 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 111, 112 (or equivalent) or PERM/INST.

**B 301 CELL BIOLOGY (3-0-3)(F/S)**: Structure and function of prokaryotic and eukaryotic cells, cellular energetics and metabolism, mitochondria and chloroplasts, cell and organelle genetics, chromosomal aberrations, and medical applications of Cell Biology. One year of college Biology and prior or concurrent enrollment in Organic Chemistry are required.

**B 303 GENERAL BACTERIOLOGY (3-6-3)(F)**: A general survey of the field of Bacteriology; techniques, cytology, taxonomy, growth, physiology, ecology, genetics, evolution, control, medical aspects and immunology. PREREQ: C 317, B 301, PERM/INST.

**B 310 PATHOGENIC BACTERIOLOGY (2-4-4)(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. Drosophilia and other organisms will be cultured and analyzed; reports will be submitted. PREREQ: prior or concurrent enrollment in B 343 required.

**B 401-401G ORGANIC EVOLUTION (3-0-3)(S)**: Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanisms of evolutionary change, adaptation, specialization, phylogeny. Genetics recommended. Offered odd-numbered years. PREREQ: B 301 or PERM/INST.

**B 412-412G 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 415-415G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S)**

**BIOLOGY (2-0-2)(F)**: A survey of the fishes with emphasis on those of the United States. Laboratory provides experience in identification and detection. PREREQ: B 301, PERM/INST.

**B 420-420G 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 423-423G ECOLOGY (3-3-4)(F/S)**: A survey of the physical factors of the environment and their effect on life and distribution of plants and animals. Environmenal and biological interrelationships of organisms will be discussed. Field and laboratory investigations into topics of physical habitat, populations, communities, pollution, etc. Weekend field trips may be taken. PREREQ: BT 130, Z 130, PERM/INST.

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

### UPPER DIVISION

**B 400 BIOLOGY OF AGING (3-0-3)(S)**: Focuses on biological aspects of aging and the major types of anatomical and physiological processes which may impair normal functioning during the aging process. This course is not appropriate for Biology majors and may not be counted toward major requirements. Offered even-numbered years. PREREQ: Upper Division standing and B 100 or Z 107 or Z 111-112.

**B 301 GENERAL ANATOMY AND PHYSIOLOGY (3-2-4)(F/S)(AREA III)**: A survey of human anatomy and physiology. Z 107 cannot be substituted for either Z 107, 108. PREREQ: B 301, PERM/INST.

**B 306-306G GENERAL PARASITOLOGY (3-3-3)(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 343-343G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S)**

**B 344 GENETICS-LABORATORY (0-3-1)(F)**: A practical course in the techniques of growing and analyzing genetic materials. Drosophilia and other organisms will be cultured and analyzed; reports will be submitted. PREREQ: prior or concurrent enrollment in B 343 required.

**B 401-401G ORGANIC EVOLUTION (3-0-3)(S)**: Philosophical basis and historical development of evolutionary theory. Detailed examination of genetic variation, mechanisms of evolutionary change, adaptation, specialization, phylogeny. Genetics recommended. Offered odd-numbered years. PREREQ: B 301 or PERM/INST.

**B 412-412G 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 415-415G APPLIED AND ENVIRONMENTAL MICROBIOLOGY (3-3-4)(S)**

### Mathematics

**C 107 CONCEPTS OF HUMAN ANATOMY AND PHYSIOLOGY (3-2-4)(F/S)(AREA III)**: 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 107, 112 HUMAN ANATOMY AND PHYSIOLOGY (3-3-4)(AREA III CORE)**: A two-semester sequence for students whose career objectives require a thorough study of human anatomy and physiology. Fulfills the requirements of Allied Health, including further study in human anatomy and physiology which 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)**: An introductory study of the classification and morphology of animals. Fulfills the requirements of Allied Health, including further study in human anatomy and physiology which cannot be substituted for either semester of this sequence. One semester of this sequence cannot be substituted for either semester of the course.

**Z 107-107G ENTOMOLOGY (2-6-4)(F)**: Biology of insects with emphasis on their classification, identification, and life cycles. Fulfills the requirements of Allied Health, including further study in human anatomy and physiology which cannot be substituted for either semester of the course.

**Z 111, 112 HUMAN ANATOMY AND PHYSIOLOGY (3-3-4)(AREA III CORE)**: A two-semester sequence for students whose career objectives require a thorough study of human anatomy and physiology. Fulfills the requirements of Allied Health, including further study in human anatomy and physiology which cannot be substituted for either semester of the course. 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)**: An introductory study of animals. Fulfills the requirements of Allied Health, including further study in human anatomy and physiology which cannot be substituted for either semester of the course.

**Z 202 PLANT PHYSIOLOGY (3-3-4)(F)**: Emphasis placed on the physics and plant processes of plant body functions. Includes coverage of cell, tissue, and organ functions; metabolic requirements; metabolism, carbon uptake, photosynthesis, soil chemistry, and the alkaloids and glucosides synthesized by plants. PREREQ: B 202 or PH 101, 102 recommended. Offered odd-numbered years. PREREQ: B 301, C 317, PERM/INST.

**Z 300-300G MYCOLOGY (3-3-4)(F)**: A study of the fungi with emphasis on their classification, morphology and development, identification, ecology, and economic importance. Laboratory work will include projects and field trips. PREREQ: BT 130, PERM/INST.

**Z 301-301G PHYSIOLOGY (3-3-4)(F)**: Emphasis placed on the physical and chemical processes of plant body functions. Includes coverage of cell, tissue, and organ functions; metabolic requirements; metabolism, carbon uptake, photosynthesis, soil chemistry, and the alkaloids and glucosides synthesized by plants. PREREQ: B 202 or PH 101, 102 recommended. Offered odd-numbered years. PREREQ: B 301, C 317, PERM/INST.

**Z 303-303G ENTOMOLOGY (2-6-4)(F)**: Biology of insects with emphasis on classification, identification and life cycles for students who have completed one year of college level biology. Laboratory includes field trips to collect and identify local species. Insect collection required. Students should meet with instructor the spring or summer before enrolling. PREREQ: PERM/INST.
College of Arts and Sciences

Z 307 INVERTEBRATE ZOOLOGY (2-4-4X5). 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 341-341C ORNITHOLOGY (2-3-3X5). Birds as examples of biological principles: classification, identification, ecology, behavior, life histories, distribution, and adaptations of birds. Two weekend field trips. Offered odd-numbered years. PREREQ: Z 130, PERM/INST.

Z 351 VERTEBRATE EMBRYOLOGY (2-4-4X5). Germ cell development, comparative patterns of cleavage and gastrulation, neurulation and induction, and development of human organ systems. Laboratory studies of frog, chick, and pig development. PREREQ: Z 130 or PERM/INST.

Z 355 VERTEBRATE NATURAL HISTORY (2-4-4X5). Classification, identification, evolution, ecological relationships, behavior, and life histories of fish, amphibians, reptiles, birds and mammals. Two weekend field trips. PREREQ: Z 130, PERM/INST.

Z 361 MICROTECHNIQUE (1-4-3X5). Theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and histochemical techniques. Offered alternate years. PREREQ: Z 130, PERM/INST.

Z 400 VERTEBRATE HISTOLOGY (3-3-4X5). 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 (3-3-4X5). Functional aspects of human tissue and organ systems with emphasis on regulatory and homeostatic mechanisms. PREREQ: B 301, C 317, PERM/INST.

Z 409-409G GENERAL AND COMPARATIVE PHYSIOLOGY (3-3-4X5). Physiological principles common to all forms of animal life are discussed. Physiological adaptations required to live in a variety of environments are presented. PREREQ: Z 130, C 317, PERM/INST.

Z 421-421G MAMMALOLOGY (2-3-3X5). Mammals as examples of biological principles: classification, identification, distribution, ecology, life histories, and adaptations of mammals. Two weekend field trips. Offered even-numbered years. PREREQ: Z 355, PERM/INST.

Department of Chemistry

Science-Nursing Bldg.; Rm. 315 Telephone (208) 385-3963
Chairperson and Professor: Richard Banks; Professors: Carter, Dalton, Ellis, Hibbs, Matjeka, Mercer, Stark; Assistant Professor: Bammel.

Degrees Offered

- BS in Chemistry
- BS in Chemistry, Secondary Education

Department Statement

The Chemistry Department's goal is to provide degree candidates with a thorough understanding of the fundamentals of chemistry, interwoven with training in up-to-date procedures and state-of-the-art instrumentation.

A BSU graduate with a major in chemistry can by choosing from a variety of courses, be prepared to enter graduate school, medical or other professional schools, teach in high school, or work as a chemist in a variety of careers.

The Chemistry curriculum of Boise State University offers an education based upon employment requirements of industry, educational institutions, and government agencies, while emphasizing the individual needs and capabilities of each student. The faculty 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.

Degree Requirements

CHEMISTRY MAJOR
Bachelor of Science

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

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

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

   Chemistry
   - College Chemistry C 131*, 132, 133, 134
   - Quantitative Analysis C 211, 212
   - Instrumental Analysis C 411
   - Spectrometric Identification C 440
   - Advanced Chemical Preparation Lab C 443
   - Independent Study C 496
   - Chemistry Seminar C 498

   Mathematics Requirements
   - Calculus M 181, 182
   - Calculus through Calculus M 206
   - Upper Division Mathematics
   - Upper Division Physics

   CHEMISTRY MINOR
   - College Chemistry C 131*, 132, 133, 134
   - Organic Chemistry C 317, 318, 319
   - Physical Chemistry C 321, 322, 323, 324
   - Advanced Inorganic Chemistry C 401-402
   - Instrumental Analysis C 411
   - Spectrometric Identification C 440
   - Advanced Chemical Preparation Lab C 443
   - Independent Study C 496
   - Chemistry Seminar C 498
   - TOTAL

   *Math and/or Physics prerequisite.

2. Recommended Electives:

   - Foreign Language
   - Upper Division Chemistry
   - Upper Division Physics
   - Life Science Courses

3. CHEMISTRY MAJOR, SECONDARY EDUCATION OPTION
   Bachelor of Science Degree

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

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

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

   Major Endorsement Requirements
   - Chemistry
     - College Chemistry C 131, 132, 133, 134
     - Quantitative Analysis C 211, 212
     - Organic Chemistry C 317, 318, 319
     - Physical Chemistry C 321, 322, 323, 324
     - Chemistry Seminar C 498, 499
     - Additional Upper Division Chemistry Courses
     - Mathematics Requirements
     - Completion of Mathematics through Calculus M 206
     - Physics Requirements
     - Biology Requirements

   Mathematics Requirements
   - Calculus M 181, 182
   - Calculus through Calculus M 206
   - Upper Division Mathematics
   - Upper Division Physics

2. Idaho Certification Requirements

   - Intro Second Teach: Cslrn Obs TE 172
   - Foundations of Education TE 201
   - Educational Technology TE 356
   - Reading in Content Subjects TE 407
   - Education of Exceptional Secondary Stu TE 333
   - Educational Psychology P 220
   - Secondary School Science Methods TE 384
   - Secondary School Methods TE 381
   - Senior High School Student Teaching TE 483

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

CHEMISTRY MAJOR
Bachelor of Science

FRESHMAN YEAR

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TOTA LS                                    15       16

SOPHOMORE YEAR

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TOTA LS                                    17       17

JUNIOR YEAR

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TOTA LS                                    16       15

CHEMISTRY MAJOR, SECONDARY EDUCATION OPTION
Bachelor of Science Degree

FRESHMAN YEAR

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TOTA LS                                    17       17

SOPHOMORE YEAR

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TOTA LS                                    18       17

JUNIOR YEAR

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<td>Quantitative Analysis C 211, 212</td>
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TOTA LS                                    15       16

SENIOR YEAR

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<td>Educating Except Second Students TE 333</td>
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<td>Senior High School Student Teaching TE 483</td>
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TOTA LS                                    14       14

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

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

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

C 401-402, 401G-402G ADVANCED INORGANIC CHEMISTRY (3-0-3)(S). Atomic structure, molecular structure using valence bond and molecular orbital theories, elementary group theory, transition metal coordination chemistry, acids and bases, descriptive transition and non-transition metal chemistry. PREREQ: C 322 or PERM/INST.

C 411-411G INSTRUMENTAL ANALYSIS (2-6-4)(S). Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. PREREQ: C 211 and C 322.

C 422-422G ADVANCED TOPICS IN CHEMISTRY (3-0-3). Selected advanced topics from Chemistry such as mass spectrometry, nuclear magnetic resonance spectroscopy, radiochemistry, environmental chemistry and polymer chemistry. PREREQ: C 322 or PERM/INST. Offered on demand.

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

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

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

C 440-440G SPECTROMETRIC IDENTIFICATION (2-3-3)(S). Identification of compounds using modern spectrometric techniques. Two lectures and one three-hour laboratory per week. PREREQ: C 318 and C 320.

C 443-443G ADVANCED CHEMICAL PREPARATION LABORATORY (1-2-2). Advanced techniques in the preparation, isolation and characterization of chemical compounds with emphasis on inorganic compounds. One three-hour laboratory and one hour of recitation per week. PREREQ: C 401 or PERM/INST.

C 495 INDEPENDENT STUDY IN CHEMISTRY (Variable credit). An individual laboratory research project in chemistry selected by the student in conjunction with a supervising member of the chemistry faculty. An appropriate amount of library research and written reports are also required. PREREQ: C 208 and C 317.

C 498 SEMINAR (1-0-1)(S). Group discussions of individual reports on selected topics in the various fields of Chemistry. PREREQ: C 280, Chemistry major and senior standing.

Graduate

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

Department of English

Liberal Arts Building, Room 228 Telephone (208) 385-1246

Chairperson and Professor: Carol A. Martin; Professors: Boyer, Davis, Leahy, Maguire, Martin, Sahni, Truskys, Widmayer, Willis, Zirinsky; Associate Professors: Dayley, Fox, Guilford, Lojek, Lykken, Sanderson; Assistant Professors: Ackley, Burmaster, Evett, Hadden, King, McGuire, Nickerson, Ryder, Selander, Uehling, Warner, Zaerr.

Degrees Offered

- BA, English, Liberal Arts
- BA, English, Secondary Education
- BA, English, General Literature emphasis
- BA, English, American Literature emphasis
- BA, English, British Literature emphasis
- BA, English, Linguistics emphasis
- BA, English, World Literature emphasis
- BA, English, Writing emphasis
- MA in English (see Graduate College for details)

Department Statement

The major in English has traditionally served to develop skills of imagining, reasoning, and communicating. English majors come to approach matters from a variety of points of view, to recognize patterns of information or ideas from incomplete reports, and to understand other people as well as abstract principles. For these reasons the major in English has provided one of the most successful preparations for professional degrees in law, medicine, and commerce. The department also participates in the university's Studies Abroad Program described on page 33.

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

Degree Requirements

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

1. BA, English, Liberal Arts emphasis
   - Specific Courses:
     - Survey of British Lit E 240 and E 260 ........................................ 6
     - Shakespeare E 345, 346 ...................................................... 3
     - Introduction to Language Studies LI 305 .................................. 3
     - History of the English Language LI 309 .................................. 3
     - History of Literary Criticism E 393 ....................................... 3
     - Senior Seminar E 498 ................................................................ 2
   - Area Requirements:
     - American Lit E 271, 272, 378, 384 ....................................... 3
     - Pre-1800 British Lit E 340, 341, 348, 349, 350, 351, 356, 358, 359 ...................................................... 6
     - Upper Division Electives ......................................................... 15
     - Competence in a Foreign Language equivalent to two years of University instruction

2. BA, English, Secondary Education
   - Specific Courses:
     - Survey of British Literature E 240, 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
   - Area Requirements:
     - American Literature E 271, 272, 378, 384 ........................................ 6
     - Pre-1800 British Lit E 340, 341, 348, 349, 350, 351, 356, 358, 359 ...................................................... 6
     - Writing numbered 200 or higher ............................................. 6
     - Language LI 309 and 306 or 307 ............................................... 6
     - Methods* E 301 and 381 ...................................................... 6
     - Lit for use in Junior and Senior High SchI E 481 ...................... 3
     - Upper Division English Electives ............................................. 3
     - Western World Literature E 230 or 235 .................................. 3

To be approved for student teaching, students must have:
   a. Completed the Secondary Option Writing Proficiency Exam -(SOWPE) successfully.
   b. Completed all courses required for the departmental core and the secondary option. In some cases the department may approve enrollment in no more than two of the following courses (LI 307, E 301, E 481, or E 498) concurrent with student teaching.
   c. Completed a speech communication class. The department recommends CM 111 or CM 112 which will also give partial fulfillment of the AREA II core.
   d. Maintained a 2.50 cumulative grade point average and a 2.50 grade point average in the major.
   e. Completed Idaho Certification requirements.
   - Idaho Certification Requirements* ........................................... 31-37
     - Found of Education TE 201 .................................................. 3
     - Educational Psychology P 220 ............................................ 2
     - Educ Except Secondary Student TE 333 .................................. 1
     - Educational Technology TE 356 ........................................... 2
     - Reading in Content Subjects TE 407 ...................................... 3
     - Methods Courses* ................................................................. 6
     - Secondary School Methods TE 381 ........................................ 3
     - Secondary School Student Teaching .................................... 10-16

*Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Dept. of Teacher Educ. listing for more information.
3. BA, English, General Literature emphasis
   • Completion of 53 credits in English or Linguistics excluding E101, E102, E111-H, and E112-H.
     a. Of these credits, 38 must be upper division, including E498, Senior Seminar.
     b. Of the upper division credits, 15 must be in British Literature, excluding E385, E389, and E487.
   • No more than 9 credits may be in special topics courses in English or Linguistics.
4. BA, English, American Literature emphasis
   • Specific courses:
     Survey of American Lit, E271, 272 .............................................. 6
     Shakespeare, E345 or E346 ...................................................... 3
     American Renaissance, E377 ..................................................... 3
     American Realism, E378 ............................................................ 3
     Lit of American West E384 ......................................................... 3
     Folklore, E390 .......................................................... 3
     Senior Seminar, E498 ............................................................. 3
   • Area requirements:
     Modern British & American Lit E385, 389, 487 .................................. 3
     Lower Division Lit courses E211, 213, 217, 219, 240 or 260 ........... 9
     Upper Division electives in Literature or Linguistics ........................ 18
     American Political Theory PO 331 ............................................. 3
     Cultural Anthropology AN 102 (AREA II) ................................... 3
     U.S. History HY 151, 354, 355, 356, 358, or 359 ....................... 3
5. BA, English, British Literature emphasis
   • Specific courses:
     Survey of British Literature E240, 260 ........................................ 6
     Shakespeare E345 or E346 ...................................................... 3
     Senior Seminar E498 ............................................................. 3
   • Area Requirements:
     Pre-1800 British Lit courses numbered E340-359 ........................ 12
     Post-1800 British Lit courses numbered E360-369 ......................... 6
     Electives in British or American Lit (15 Upper Division) ............ 24
     British History HY 311, 312, 338 or 432 .................................. 3
6. BA, English, Linguistics emphasis
   • Specific courses:
     Intro to Language Studies LI 305 ............................................... 3
     Modern English Grammar LI 306 .............................................. 3
    Applied English Linguistics LI 307 .............................................. 3
     History of English Language LI 309 .......................................... 3
     Applied Linguistics in Teaching ESL LI 407 .................................. 3
     ESL Internship E493 ............................................................. 3
     Senior Seminar E498 ............................................................. 3
   • Area Requirements:
     Old or Middle English Lang or Lit (i.e., E340) or foreign Lit read in original language .................. 3
     Electives in Lit lower or upper division ..................................... 15
     Upper division elect in Lit (12 British Lit) .............................. 15
     One year of a Foreign Language ........................................... 6-8
     A 2nd year of foreign language or one year of a 2nd foreign language ........................................... 6-8
     Cultural Anthropology, AN 102 (AREA II core) .......................... 3
7. BA, English, World Literature emphasis
   • Specific courses:
     Far Eastern Literature E215 .................................................... 3
     Western World Lit E230, 235 .................................................... 6
     19th & 20th Cent Continental Lit E336, 338 ................................ 6
     Medieval Epics & Romance, E341 ............................................. 3
     Shakespeare E345 or E346 ...................................................... 3
     Folklore E390 .......................................................... 3
     History of Literary Criticism E393 ............................................ 3
     Senior Seminar E498 ............................................................. 3
   • Area Requirements:
     Lower Division Lit—E211, 213, 217, 240, 260, 271 or 272 ........... 6
     English Lit courses from E340-369 ......................................... 9
     Upper Division electives in Lit or Linguistics ............................ 9
     World Drama TA 341, 342, or 445 .......................................... 3
     History, other than US or British ........................................... 6
8. BA, English, Writing emphasis
   • Specific courses:
     Advanced Expository Comp E201 ............................................. 3

College of Arts and Sciences

Technical Writing E202 .............................................................. 3
Advanced Writing E401 .............................................................. 3
Writing Internship E493 .............................................................. 6
Senior Seminar E498 .............................................................. 23

MINOR TEACHING ENDORSEMENT IN ENGLISH

Advanced Composition .............................................................. 3
Linguistics .............................................................. 3
Methods E301, 381 .............................................................. 3
Survey of American Literature E271, 272 .................................... 3
Lower Division Literature .......................................................... 6
(To be selected from E215, 230, 235, 240, 260) ......................... 6
Upper Division Literature ........................................................... 6
Successful completion of Secondary Option Writing Proficiency exam.

THEATRE ARTS MINOR FOR ENGLISH

Technical Theatre (basic set & const) TA 117 .................................. 4
Technical Theatre (basic set design, paint, light) TA 118 ................. 4
Acting TA 215 .............................................................. 3
Major Production Participation TA 331 ....................................... 3
One of the following:
Stage Voice TA 233 .............................................................. 3
World Drama, 500 B.C. to 1660 TA 341 ..................................... 3
World Drama, 1660 to 1960 TA 342 ......................................... 3
Contemporary Theatre TA 445 ................................................ 3
Directing TA 401 .............................................................. 3
One of the following:
Shakespeare: Tragedies and Histories E345 .................................. 3
Shakespeare: Comedies and Romances E346 ............................... 3
TOTAL 23

COMBINED MAJOR, COMMUNICATION AND ENGLISH

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

Refer to the Department of Communication listing in this catalog for the specific 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 percentile. Also for basic review. Successful completion of competency test required.
E 101 ENGLISH COMPOSITION (3-0-3)(Core). Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Successful completion of competency test required. PREREQ: ACT or SAT percentile score of 20 or above, or S in Developmental Writing.

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

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. Normal prerequisite: ACT of 80th percentile or above for E 111. Successful completion of competency test required. PREREQ: E 111 or PERM/CHAIR for E 112.

E 121 ENGLISH AS A SECOND LANGUAGE (5-0-3)(F/S). Special emphasis on vocabulary development, reading and development of skills in written English. For foreign students with TOEFL scores (or equivalent) of 500-520. 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 122 COMPOSITION AND READING FOR FOREIGN STUDENTS (5-0-3)(F/S). Practice in college level reading and composition; development of special vocabulary skills related to individual needs, advanced English sentence structure. For foreign students with TOEFL scores of 521-575. PREREQ: Admission to college, recommendation of Foreign Student Advisor and PERM/INST.

E 123 ADVANCED ENGLISH COMPOSITION FOR FOREIGN STUDENTS (5-0-3)(F/S). Study of and practice in the principles of formal and informal written English, principles of the essay and research paper, continuation of vocabulary development and mastery of the more complex types of English structure. PREREQ: Admission to college, recommendation of Foreign Student Advisor and PERM/INST. An "A" grade satisfies the E 101 requirement for foreign students.

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

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/CHAIR.

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

E 205 POETRY WRITING (3-0-3)(F). Based on evaluation of student's original work. May be repeated for a total of nine credit hours. PREREQ: PERM/INST.

E 206 FICTION WRITING (3-0-3)(S). Introduction to fiction writing with a concentration on descriptive technique. Readings in the short story. May be repeated for nine credit hours. PREREQ: E 102.


E 213 AFRO-AMERICAN LITERATURE (3-0-3)(S). The Black experience as reflected in the development of Black American literature. This course relates Afro-American writing to its salient social and cultural conditions. It explores recurring and characteristic themes, techniques, and genres from Slavery to present. Emphasis is on Black writing from the 1930's to the present day. PREREQ: E 102.

E 215 FAR EASTERN LITERATURE, IN TRANSLATION (3-0-3)(S)(AREA I). Survey of literature of Far Eastern Countries with major emphasis on China, India, and Japan. An introduction to the cultural and religious environment of each country is covered. PREREQ: E 102.


E 219 NORTH AMERICAN INDIAN FOLKLORE AND LITERATURE (3-0-3)(F). A comparative study of traditional Native American beliefs and practices as reflected in authentic oral narratives and creative written literature. The content, form and style of oral narratives and the functions which these narratives serve in preliteracy societies receive particular emphasis. PREREQ: E 102.

E 230 WESTERN WORLD LITERATURE (3-0-3)(F/S)(AREA I). Introduction to writings of the great minds in the Western tradition which have shaped our cultural and literary past and present. Reading includes selections from ancient Greece, Imperial Rome, and medieval and renaissance Europe. PREREQ: E 102.

E 235 WESTERN WORLD LITERATURE (3-0-3)(S)(AREA I). An introduction to the Western literary tradition as it has developed during the last four centuries. At-
A study of the novel tracing its roots and exploring the work of Defoe, Richardson, Fielding, Smollett, Sterne, Austen and others. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumption about the world around us. PREREQ: Three credits of literature or PERM/CHAIR.

E 382 VICTORIAN POETRY (3-0-3). Readings in Tennyson, Browning, Arnold, and others. Their poems are the same as a sometimes shocking result of trying to find and keep artistic and moral hope amidst vitally but unhealthy times. PREREQ: Three credits of literature or PERM/CHAIR.

E 383 VICTORIAN PROSE (3-0-3). Great Victorian authors, including Carlyle, Arnold, Newman, Ruskin, and Pater, bring insights to controversy over issues still with us. Their subjects range from industrialism to mysticism, their purposes from amusement to reformation. PREREQ: Three credits of literature or PERM/CHAIR.

E 384 LITERATURE OF THE AMERICAN WEST (3-0-3). An analysis of the various dynamic confrontations between 20th century audiences and actors arranged by dramatists as far apart in their times, themes, and techniques as Shaw and Stoppard, O'Neill and Osborne. PREREQ: Three credits of literature or PERM/CHAIR.

E 385 MODERN BRITISH AND AMERICAN FICTION (3-6.3). Designed to acquaint both nonmajors and majors with typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by such authors as Cary, Ellison, Faulkner, Gardner, Hemmingway, Joyce, Lawrence, O'Connor, Steinbeck, Welty, and others. PREREQ: Three credits of literature or PERM/CHAIR.

E 386 MODERN BRITISH AND AMERICAN DRAMA (3-0-3). An analysis of the major critical approaches to literature from Plato to the twentieth century. PREREQ: A literature survey or PERM/CHAIR.

E 387 ADVANCED WRITING (3-0-3). Writing for the student who wants advanced training in expressing ideas. The emphasis is on developing effective prose styles, taking into account various techniques and their appropriateness for a specific audience. Will not fulfill Area I requirement for graduation. PREREQ: E 102 or PERM/INST.

E 388 ADVANCED TECHNICAL WRITING (3-6.3). Advanced work in the researching, writing, editing, and designing of technical documents. Major projects are related to each student's field of interest. Topics of study include editing technical documents, audience analysis, graphic design, and the rhetoric of technical writing. PREREQ: E 202 or PERM/CHAIR.

E 412 WOMEN WRITERS (3-0-3). Literature by English speaking women, with special attention to cultural contexts, the themes and methods used by women writers. This course may focus on writings of a particular period. Alternate years. PREREQ: Three credits of literature or PERM/INST.

E 481 LITERATURE FOR USE IN JUNIOR AND SENIOR HIGH SCHOOLS (3-0-3). A literary content course designed for prospective or experienced teachers of secondary school English. Primary emphasis is on critical reading of literature ordinarily used with adolescents in secondary schools. Secondary emphasis is on methods of critical analysis appropriate to secondary students. All genres will be discussed. Both classical and popular authors will be included. PREREQ: E 102, completion of two literature courses.

E 487 MODERN BRITISH AND AMERICAN POETRY (3-6.3). A study of the radical changes Eliot, Pound, Yeats, and others made in poetry's traditional aesthetic and thematic concerns early in this century. The course traces poetry's continuing metamorphosis into the present day. PREREQ: Three credits of literature or PERM/CHAIR.

E 488 METHODS AND THEORIES OF LITERARY CRITICISM AND RHETORIC (3-0-3). Analysis of major literary and rhetorical theories, their methods and their implications. PREREQ: Three credits of upper division literature or PERM/CHAIR.

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

HU HUMANITIES

HU 207, 208 INTRODUCTION TO HUMANITIES (3-0-3)(AREA II). The human intellectual and creative heritage as reflected in art, literature, philosophy, and architecture. PREREQ: E 102 or PERM/CHAIR.

LI LINGUISTICS

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

LI 306 MODERN ENGLISH GRAMMAR (3-6.3). An approach to modern English grammar based on linguistic principles; will cover word formation and sentence structure, including transformational, structural, and newly developing theories of grammar. Alternate years.

LI 307 APPLIED ENGLISH LINGUISTICS (3-0-3). Application of linguistic theory and concepts to the teaching of English. Analysis of specific problems encountered in instruction. Examination of texts and materials, reports on pertinent articles in professional journals and demonstrations. For teachers or prospective teachers in secondary schools. PREREQ: LI 305 or PERM/CHAIR.

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

LI 406 PSYCHOLINGUISTICS (3-0-3). Development of a general theory of psycholinguistics through the following topics: theories of language definition, description, and development; sociological and neurological sources of language; formation and selection of meaning, and production of language; semantics. Alternate years. PREREQ: LI 305 or PERM/INST.

LI 407 APPLIED LINGUISTICS IN TEACHING ENGLISH AS A SECOND LANGUAGE (3-0-3). Designed to help teachers in the bilingual classroom or teachers of students of limited proficiency in speaking English to understand how to deal with the process of learning English. It will focus on identifying, defining, and remedying the specific problems that confront learners of a second language. PREREQ: LI 305. Alternate years. Offered 1991/1992.
The curriculum has full national accreditation. Refer to Graduate College for details. The curriculum leading to the BS degree in Geophysics emphasizes, is designed to provide advanced academic training in the topics of Earth Science to those students pursuing a teaching career. The curriculum 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, Mathematics, 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. Refer to Graduate College for details regarding the Master of Science in Geophysics and the Master of Science in Geophysics refer to the Graduate College section.

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

Nondegree course offerings in Geography meet the 15 credit requirement under the 30-15-15 Social Science, Secondary Education Degree Program offered in the Departments of Economics, History, Political Science, and Sociology, Anthropology and Psychology.

**Degree Requirements**

**GEOLONY MAJOR**

**Bachelor of Science Degree**

1. General University and BS Degree Requirements: 30

<table>
<thead>
<tr>
<th>Section</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Core Courses: Area I, Foreign Language (201 or higher)</td>
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<tr>
<td>II</td>
<td>Economics, Geography</td>
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**2. Major Requirements:**

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<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Geology and Geophysics</td>
<td>54</td>
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<tr>
<td>Physical Geology GO 101</td>
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<td>Historical Geology GO 103</td>
<td>4</td>
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<tr>
<td>Intro to Mineralogy GO 221</td>
<td>4</td>
</tr>
<tr>
<td>Field Geology GO 280</td>
<td>3</td>
</tr>
<tr>
<td>Igneous &amp; Metamorphic Petrology GO 323</td>
<td>3</td>
</tr>
<tr>
<td>Igneous &amp; Metamorphic Petrography GO 324</td>
<td>3</td>
</tr>
<tr>
<td>Sedimentation &amp; Stratigraphy GO 310</td>
<td>4</td>
</tr>
<tr>
<td>Geomorphology GO 313</td>
<td>4</td>
</tr>
<tr>
<td>Structural Geology GO 314</td>
<td>3</td>
</tr>
<tr>
<td>Invertebrate Paleontology GO 351</td>
<td>3</td>
</tr>
<tr>
<td>Geophysics GP 300 or GP 301</td>
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<tr>
<td>Summer Field Camp GO 482</td>
<td>4</td>
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<tr>
<td>Summer Field Camp Report GO 483</td>
<td>2</td>
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<td>Senior Seminar GO 498 or 499</td>
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<tr>
<td>Geology Electives</td>
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**College Chemistry C 131, 132, 133, 134 | 9**

**Physics**

**Option I:** (Recommended for students planning graduate studies)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Mechanics, Waves &amp; Heat Lab PH 211, 212</td>
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<tr>
<td>Electricity, Magnetism &amp; Optics Lab PH 213, 214</td>
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**Option II:**

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<tr>
<td>General Physics PH 101, 102</td>
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</tr>
<tr>
<td>Mathematics M 204, 205* or M 211, 212</td>
<td>8</td>
</tr>
</tbody>
</table>

*Mathematics through M 206 is recommended for students planning graduate studies.

**Chemistry**

**Option I:**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>College Chemistry I C 131</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry I Lab C 132</td>
<td>1</td>
</tr>
<tr>
<td>College Chemistry II C 133</td>
<td>3</td>
</tr>
<tr>
<td>(C 134 not required)</td>
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**Physics**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Mechanics, Waves and Heat PH 211</td>
<td>4</td>
</tr>
<tr>
<td>Mechanics, Waves and Heat Lab PH 212</td>
<td>1</td>
</tr>
<tr>
<td>Electricity, Magnetism and Optics PH 213</td>
<td>4</td>
</tr>
<tr>
<td>Electricity, Magnetism and Optics Lab PH 214</td>
<td>1</td>
</tr>
<tr>
<td>Electricity and Magnetism PH 381</td>
<td>3</td>
</tr>
<tr>
<td>Geology</td>
<td>27</td>
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<tr>
<td>Historical Geology GO 103</td>
<td>4</td>
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<tr>
<td>Intro to Mineralogy GO 221</td>
<td>4</td>
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<tr>
<td>Field Geology GO 280</td>
<td>3</td>
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<tr>
<td>Igneous and Metamorphic Petrology GO 323</td>
<td>3</td>
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<tr>
<td>Sedimentation and Stratigraphy GO 310</td>
<td>4</td>
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<tr>
<td>Structural Geology GO 314</td>
<td>4</td>
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<tr>
<td>College Chemistry I C 131</td>
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<tr>
<td>College Chemistry I Lab C 132</td>
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<tr>
<td>College Chemistry II C 133</td>
<td>3</td>
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<tr>
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<tr>
<td>Physics</td>
<td>13</td>
</tr>
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<tr>
<td>Mechanics, Waves and Heat Lab PH 212</td>
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<tr>
<td>Electricity, Magnetism and Optics Lab PH 214</td>
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<tr>
<td>Electricity and Magnetism PH 381</td>
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**Geophysics**

<table>
<thead>
<tr>
<th>Course Title</th>
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<tbody>
<tr>
<td>Geophysics Field Camp GP 340</td>
<td>1</td>
</tr>
<tr>
<td>Exploration Well Logging GP 410</td>
<td>3</td>
</tr>
<tr>
<td>Geophysical App of Dig Sig Proc GP 420</td>
<td>3</td>
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</table>

**Secondary School Science Methods**

<table>
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<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Secondary School Science Methods TE 304</td>
<td>3</td>
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<tr>
<td>Secondary School Methods TE 381</td>
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</table>

**Secondary Student Teaching**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Student Teaching</td>
<td>10-16</td>
</tr>
</tbody>
</table>

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

**GEOPHYSICS MAJOR**

**Bachelor of Science Degree**

1. General University and BS Degree Requirements: 30

<table>
<thead>
<tr>
<th>Section</th>
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<tbody>
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</table>

**2. Major Requirements:**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Gravitometric-Magnetic Methods GP 310</td>
<td>3</td>
</tr>
<tr>
<td>Electrical Methods GP 320</td>
<td>3</td>
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<tr>
<td>Seismic Methods GP 330</td>
<td>3</td>
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<tr>
<td>Geophysics Field Camp GP 340</td>
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<td>Exploration Well Logging GP 410</td>
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<td>Geophysical App of Dig Sig Proc GP 420</td>
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<tr>
<td>Geology</td>
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<tr>
<td>Historical Geology GO 103</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Mineralogy GO 221</td>
<td>4</td>
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<tr>
<td>Field Geology GO 280</td>
<td>3</td>
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<tr>
<td>Igneous and Metamorphic Petrology GO 323</td>
<td>3</td>
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<tr>
<td>Sedimentation and Stratigraphy GO 310</td>
<td>4</td>
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<tr>
<td>Structural Geology GO 314</td>
<td>4</td>
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<td>College Chemistry I C 131</td>
<td>3</td>
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<tr>
<td>College Chemistry I Lab C 132</td>
<td>1</td>
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<tr>
<td>College Chemistry II C 133</td>
<td>3</td>
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<td>(C 134 not required)</td>
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<tr>
<td>Physics</td>
<td>13</td>
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<tr>
<td>Mechanics, Waves and Heat PH 211</td>
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<tr>
<td>Mechanics, Waves and Heat Lab PH 212</td>
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<tr>
<td>Electricity, Magnetism and Optics PH 213</td>
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<tr>
<td>Electricity, Magnetism and Optics Lab PH 214</td>
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<tr>
<td>Electricity and Magnetism PH 381</td>
<td>3</td>
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<tr>
<td>Digital Computer Programming CS 124 or EN 104</td>
<td>2</td>
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<tr>
<td>Calculus &amp; Analytic Geometry I M 204</td>
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<tr>
<td>Calculus &amp; Analytic Geometry II M 205</td>
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</table>
Calculus & Analytic Geometry III M 206 4
Vector Calculus M 320 2
Differential Equations M 331 3
Lin Sys and Sig Proc CS 426 4
Electives* 6

*Recommended electives usually include courses tailored to an individual student's needs. See an advisor for assistance.

Recommended Programs

GEOMETRY MAJOR

FRESHMAN YEAR

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<thead>
<tr>
<th>SEM</th>
<th>1st</th>
<th>2nd</th>
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<tbody>
<tr>
<td>1st</td>
<td>College Chemistry C 131, 132, 133, 134</td>
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<td>English Composition E 101, 102</td>
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<td>Physical Geology GO 101</td>
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<td>Algebra and Trigonometry M 111</td>
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<td>Calculus and Analytic Geometry M 204</td>
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<td>2nd</td>
<td>Cartography GG 220 or alternate</td>
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<td>Intro to Mineralogy GO 221</td>
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<td>Petrology GO 323</td>
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<td>Petrography GO 324</td>
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<td></td>
<td>Field Geology GO 280</td>
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<tr>
<td></td>
<td>Mechanics, Waves and Heat + Lab PH 211, 212</td>
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<td>Calculus &amp; Analytic Geometry M 205 or alternate (see required program)</td>
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SOPHOMORE YEAR

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<tr>
<td>1st</td>
<td>Structural Geology GO 314</td>
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<td>Sedimentation &amp; Stratigraphy GO 310</td>
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<td>Geomorphology GO 313</td>
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<td>Geophysics GP 300 or GP 301</td>
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<tr>
<th>SUMMER OF JUNIOR YEAR</th>
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<td>Summer Field Camp GO 482, 483</td>
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SENIOR YEAR

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<td>Senior Seminar GO 498 or 499</td>
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<td>Invertebrate Paleontology GO 351</td>
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EARTH SCIENCE EDUCATION MAJOR

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<td>Historical Geology GO 103</td>
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<td>Petrology &amp; Petrography GO 323, 324</td>
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<td>Intro to Meteorology GO 213</td>
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JUNIOR YEAR

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<td>Secondary School Methods TE 381</td>
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<td>Secondary School Science Methods TE 384</td>
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Course Offerings

See page 20 for definition of course numbering system

GG GEOGRAPHY

Lower Division

GG 101 INTRODUCTION TO GEOGRAPHY (3-0-3)(F/S)(AREA II), A survey of earth 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 cultural activities throughout the world with emphasis on man-land relationships.
GO 100 THE USE AND INTERPRETATION OF MAPS (3-0-3)(F/S). An intensive use and interpretation of a wide spectrum of map types, their advantages and limitations for students of various fields, such as Archaeology, History, Geology and Teaching.

GO 220 CARTOGRAPHY (1-6-3)(F/S). A study of the methods, concepts, techniques and instrumentation of map construction. Involves compilation and graphic presentation of data through the use of coordinate systems, map projections and scale, lettering tools, graphic design, dimensional problems, computer mapping, and aerial photographs are discussed.

GO 221 GEOGRAPHY OF IDAHO AND THE PACIFIC NORTHWEST (3-0-3)(F/S). Physical and cultural geography of the Pacific Northwest with emphasis on Idaho. Study includes the continuing physical, biological, social, political, and economic changes and the role of the region in relationship to the United States. Current problems and problem solving in accordance with the known resource base.

Upper Division

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

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

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


GO 340 GEOGRAPHY OF THE SOVIET UNION (3-0-3)(F/S). A study of physical and cultural phenomena that have shaped the urban and rural landscapes of the fifteen republics of the USSR. PREREQ: GO 101 or GO 102, PERM/INST.

GO 350 REGIONAL GEOGRAPHY OF EUROPE (3-0-3)(F/S). Identification and study of the physical and cultural regions of Europe. Discussion of maps, and soils along with resources, national groups, and political geography. PREREQ: GO 101 or 102, PERM/INST.

GO GEOLOGY

Lower Division

GO 100 FUNDAMENTALS OF GEOLOGY (3-2-4)(AREA III)(Field trip required). An introduction to the principles of Physical and Historical Geology. Topics include weathering, erosion, glaciation, volcanism, earthquakes, rocks, minerals, maps, the origin of the earth and its physical and biological development. Open to all students except those with previous credit in Geology, or Earth Science majors, and those non-science majors who plan an eight hour sequence in Geology.

GO 101 PHYSICAL GEOLOGY (3-2-4)(AREA III)(Field trip required). A study of the origin and development of the earth, its materials and processes. Topics include weathering, erosion, volcanism, earthquakes, landscapes and plate tectonics. Rocks, minerals and topographic and geologic maps are studied in the laboratory.

GO 103 HISTORICAL GEOLOGY (3-3-4)(AREA III)(Field trip required). A study of the origin and progressive development of the earth and evolution of plants and animals. The geologic history of the earth is treated in considerable detail. Prehistoric life and fossil study as well as field trips to fossil beds are included in the laboratory work. PREREQ: GO 100.

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 OCEANOGRAPHY (3-0-3)(F/S). A general study of the physiography and biological oceanography and ocean ecology, including the physiography, circulation patterns, waves, tides, and the sedimentation and biologic processes that occur in the various ocean environments. PREREQ: GO 103.

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

GO 221 MINERALOGY (2-3-3)(F). A study of minerals, including crystal forms, atomic structure, chemical properties, and environments of origin. The laboratory meets twice each week. Lab exercises emphasize identification of minerals by recognizing their physical properties in hand specimens and utilizing their optical properties in oil mounts and thin sections. Several exercises involve use of the x-ray diffractometer. PREREQ: GO 101, COREQ: C 131.

GO 232 PETROLOGY (3-0-3). A study of igneous, sedimentary, and metamorphic rocks with emphasis on methods of their classification, physical and chemical components and their origin, and their tectonic associations. PREREQ: GO 221, COREQ: GO 324.

GO 351 INVERTEBRATE PALEONTOLOGY (2-3-3)(Field trip required). The study of the invertebrate phyla represented in the fossil record. Special emphasis is placed on hardpart morphology, ontogeny, phylogeny and taxonomy of geologically important groups. Laboratory work based on standard collections. Special project. PREREQ: GO 103.

GO 403-403G ENGINEERING GEOLOGY (3-3-3)(Field trip required). Introduces students to soil mechanics, slope stability analysis, surface and subsurface exploration of sites. Geologic and geophysical considerations for construction projects. Current applications of geology to engineering projects. Alternate years. PREREQ: GO 250, PH 102 or PH 211, GO 323 or PERM/INST.

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

GO 414 ADVANCED STRUCTURAL GEOLOGY (3-3-3)(Alternate years)(Field trip required). A study of the geometric properties of deformed rocks, their measurement and analysis. Course will emphasize structural analysis of folded and faulted terrains and metamorphic tectonics, mapping procedures, map interpretation, and data analysis. Study will include review and comparison of tectonic styles of deformation of different geologic provinces throughout North America. PREREQ: GO 314.

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

GO 422 EXPLORATION AND MINING GEOLOGY (3-3-3). The course emphasizes geologic, engineering and economic factors as they relate to exploring for and developing mineral deposits. The philosophy and methodology of systematically gathering, evaluating, and presenting data pertinent to exploration and development discussions are also studied. Field trips required.
GO 431-431G PETROLEUM GEOLOGY (3-3-3F)(Alternate years). A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution, and methods and techniques for prospecting and developing petroleum fields. PREREQ: GO 311, 314.

GO 450-450G GEOLOGY OF NATIONAL PARKS (3-0-3S). A systematic study of geologic materials, structures, processes, and landforms in the National Parks. The course is structured by geologic region and emphasizes geological knowledge as a key to greater appreciation and understanding of these scenic areas. PREREQ: GO 103. (Offered odd years.)

GO 460-460g VOLCANOLOGY (2-0-2F)(Field trip)(Alternate years). A study of volcanic processes and the deposits of volcanic eruptions. An in-depth review of the generation, rise and eruption of magmas and of the types of vent structures produced. Field and petrographic characteristics of various types of volcanic deposits as well as their volcano-tectonic relationships will be emphasized. An independent project pertaining to volcanoes or volcanic rocks will be required of all students taking the course for graduate credit. PREREQ: GO 323.

GO 471-471G REGIONAL FIELD STUDY (1, 2, or 3 CR/FSU). Field trips and field exercises to study geology of classic localities in North America. Review of pertinent literature and maps, recording of geologic observations and the preparation of a comprehensive report on the geology of the areas visited. PREREQ: GO 103 or PERM/INST.

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

GO 483 GEOLOGY SUMMER FIELD CAMP REPORT (0-0-2SU). A comprehensive geologic report, map and cross-section based upon mapping experiences at summer field camp. Map, report and cross-section must be of professional quality. COREQ: GO 482.

GO 493 INTERNSHIP (4-6 credits). Field study involving an original investigation in geology or geophysics, carried out independently, but supervised by one or more faculty members. Problem must be well-stated and method of study designed to give a conclusive result. Project may be substituted for GO 490 upon approval of a written proposal by a committee of three department faculty members. PREREQ: Senior Standing.

GO 496, 499 GEOLOGY SEMINAR (1-4-1). Research project based on field or literature studies. Fundamentals of geologic report preparation and oral presentations. PREREQ: Geology, Geophysics or Earth Science Education major.

GP GEOPHYSICS

Upper Division

GP 300 PHYSICS OF THE EARTH (3-0-3F). The course will include a discussion of the earth's gravity, magnetism, electricity, seismicity, heat and radioactivity and the significance of these properties in understanding the complexities of the earth. Alternate years. PREREQ: GO 102.

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

GP 310-310g GRAVIMETRIC AND MAGNETIC METHODS (3-0-3F). Basic potential field theory, instrumentation, reduction of observed data, methods of data interpretation. Applications to petroleum and mineral exploration, geotechnical and engineering investigations. PREREQ: GO 101; must be concurrently taken or have taken PH 213, PH 214.


GP 410-410G EXPLORATION WELL LOGGING (2-3-3F). Fundamentals of geophysical and geological well logging applied to petroleum, mineral, and groundwater exploration, and engineering site evaluation. Conventional interpretation of logs in sedimentary sections; special consideration for logs in igneous, metamorphic, and fresh-water sections. Lithologic description, natural gamma-ray, temperature, density, resistivity, and sonic logging. Integration of well logging, seismic reflection data, and surface geologic maps. Field and laboratory exercises. PREREQ or COREQ: GO 310.


GP 430-430G MATHEMATICAL MODELING IN GEOPHYSICS (3-0-3S). Examination of useful mathematical methods in geophysics including statistical analysis of aeromagnetic anomalies, the Dirichlet problem and continuation of potential fields, wave equation migration in reflection seismology, formulation of geotomography in terms of the Radon transform. Emphasis is on problem solving and the development of skills in applied mathematics. PREREQ: M 331.

GS GENERAL SCIENCE

GS 305 TEACHING SCIENCE IN THE SECONDARY SCHOOL (3-0-3S)(Alternate years). A course designed to introduce the prospective secondary school science teacher to an understanding of the nature of science—both as subject matter and as processes of scientific 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 Mathematics

Math-Geology Bldg., Rm. 202 Telephone (208) 385-1172
Chairperson and Associate Professor: Stephen Grantham; Professors: Anderson, Ball, Eastman, Hauszath, Hughes, Juola, Kerr, Lamet, Maloo, Mech, Sulanke, Takeda, Ward, Young; Associate Professors: Ayers, Ferguson, Griffin, Kenny; Assistant Professors: Feldman, Jarrett, Porter, Scheepers.

Degrees Offered

- BA and BS in Mathematics
- BA and BS in Mathematics, Secondary Education option
- BS in Mathematics, Computer Science option
- MS in Education, Mathematics emphasis: see Graduate College for further details.

Department Statement

The Department of Mathematics offers three Bachelor's degree options: Mathematics, Mathematics with Secondary Education option, Mathematics with Computer Science option, along with a Master's degree program for junior and senior high school teachers.

A student's course of study can be tailored to suit a particular interest in pure mathematics, applied mathematics, computer science, mathematics teaching, software engineering, statistics or operations research.

Degree Requirements

MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Degree

1. University Requirements for BA or BS Degree.

2. Mathematics Requirements: Lower Division
   a. M 204, 205, 206 or M 211, 212 Calculus 10-13
   b. CS 127 Intro to Computer Science 4

3. Upper Division Mathematics—27 credits including:
   a. M 301 Linear Algebra 4
   b. One or more selections in at least 4 of the 5 following groups
      1) M 302 Introduction to Abstract Algebra 3
      2) M 314 Foundations of Analysis 3
      3) M 361 Fundamentals of Statistics 4
      4) M 431, 432 Probability and Statistics 4-6
      5) M 306 Number Theory 3
      6) M 356 Discrete Mathematical Structures 3
      7) M 441 Abstract Algebra 3
      8) M 456 Linear Programming 4
**MATHEMATICS MINOR**

Calculus & Analytic Geom M 204, 205, 206 ............................ 13

or

Accelerated Calculus M 211, 212 .............................................. 10

At least 9 credits in upper division mathematics (M prefix except for M 493 and 496) including at least one of the following ........................................ 9

Intro Abstract Algebra M 302 ................................................. 3

Number Theory M 306 ............................................................ 3

Foundations of Geometry M 311 .............................................. 3

Foundations of Analysis M 314 .............................................. 3

Advanced Calculus M 401 ....................................................... 3

Abstract Algebra M 441 ......................................................... 3

TOTAL 19-22

**MATHEMATICS TEACHING MINOR**

Computer Science CS 122 or CS 125 ...................................... 2-3

Calculus M 204 or M 211 ....................................................... 5

Calculus M 205 or M 212 ....................................................... 4-5

At least 1 of the following ..................................................... 3

Linear Algebra M 301 ............................................................ 4

Introduction to Abstract Algebra M 302 .................................. 3

Foundations of Geometry M 311 .............................................. 3

Fundamentals of Statistics M 361 .......................................... 4

Electives to complete 20 hours ............................................... 3-6

TOTAL 20

**Suggested Programs**

**MATHEMATICS MAJOR**

**FRESHMAN YEAR**

Calculus M 204, 205 or M 211, 212 ........................................... 9-10

English Composition E 101, 102 or E 111, 112 .......................... 6

Introduction to Computer Science I CS 125 ............................ 3

Introduction to Computer Science II CS 127 ........................... 4

Area I and Area II Core Requirements ................................. 3-4

Area III Core Requirements ................................................ 3

Suggested electives: College Chemistry C 131-134 .................. 9

**SOPHOMORE YEAR**

Calculus M 206 ................................................................. 4

Linear Algebra M 301 ............................................................ 4

Differential Equations M 331 .................................................. 3

Intro to Abstract Algebra M 302 ............................................ 3

Area I and Area II Core Requirements ................................. 3-4

Suggested electives: Prin of Economics EC 201, 202 ................ 6

Mechanics, Wave and Heat + Lab PH 211, 212 ....................... 5

Electricity, Magnetism and Optics + Lab PH 213, 214 ............... 5

**JUNIOR YEAR**

Foundations of Analysis M 314 .............................................. 3

Linear Programming M 456 ................................................... 4

Discrete Math Structures M 356 ............................................ 3

Number Theory M 306 .......................................................... 3

Probability and Statistics M 431, 432 .................................. 6

Area I and Area II Core Requirements ................................. 3-4

**SENIOR YEAR**

Advanced Calculus M 401, 402 .............................................. 6

Abstract Algebra M 441, 442 .................................................. 6

Senior Seminar M 498 .......................................................... 4

Area I and Area II core requirements .................................. 3

**MATHEMATICS, COMPUTER SCIENCE OPTION**

This option is aimed at preparing students to apply their computer and mathematics training to problem analysis and to the design, testing, debugging and documentation of software systems.

**FRESHMAN YEAR**

English Composition E 101, 102 or E 111, 112 .......................... 6

Calculus M 204, 205 or M 211, 212 ........................................... 9-10

College Chemistry & Labs C 131-134 .................................... 9

Intro to Computer Science I CS 125 .................................... 3

Intro to Computer Science II CS 127 .................................. 3

or

Intro to Computer Science II CS 127 .................................. 3

or

Intro to Computer Science II CS 127 .................................. 3
SOPHOMORE YEAR
Calculus M 206 ............................................ 4
Assembler Programming CS 226 ............................ 4
Mechanics, Waves & Heat PH 211, 212 .................... 5
Electricity, Magnetism & Optics PH 213, 214 ............ 5
Intro to Logic PY 121 ..................................... 3
Linear Algebra M 301 .................................... 4
Program in 'C' in UNIX Environment CS 227 .......... 4
Area I or II .................................................. 3

JUNIOR YEAR
Programming Languages CS 354 .................. 4
Discrete Structures M 356 ................................. 3
Fund of Statistics M 361 .................................. 4
Prin of Economics EC 201, 202 (Area II) .................. 6
Intro to Computer Graphics CS 341 .................. 3
Data Structures CS 358 ................................ 4
Numerical Analysis M 340 ............................... 4
Area I or II .................................................. 6

SENIOR YEAR
Systems Programming CS 451 .................. 4
Fund of Speech Communication CM 111 (Area II) .... 3
Technical Writing E 202 .................................. 3
Operating Systems Principles CS 453 .................. 3
Software Design & Implementation CS 471 .................. 3
Linear Programming M 456 ................................ 4
Area I or II .................................................. 3
Elective or Internship .................................... 8

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

FRESHMAN YEAR
1st SEM

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<tr>
<td>Calculus M 204, 205</td>
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<tr>
<td>Intro to Computer Science CS 125</td>
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2nd SEM

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<tr>
<td>Linear Algebra M 301</td>
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<td>Intro to Second Teach: Clerk Obs TE 172</td>
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JUNIOR YEAR

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<tr>
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<tr>
<td>Statistics M 361 or 431 and 432</td>
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<td>Foundations of Geometry M 311</td>
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<td>Educational Psychology P 325</td>
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<td>Educational Technology TE 356</td>
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<td>Secondary School Methods TE 381</td>
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SENIOR YEAR

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<td>Mathematics in Secondary School M 490</td>
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<td>Educating Exceptional Sec Stu TE 333</td>
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<td>Teaching Reading in Content Subjects TE 407</td>
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<tr>
<td>Secondary Student Teaching</td>
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<td><strong>16</strong></td>
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Course Offerings

See page 20 for definition of course numbering system

Upper-division courses are frequently offered nights and summers — students should consult the department the preceding August to request a spring-semester night upper-division class, the preceding October to request a summer upper-division class, and the preceding December to request a fall-semester night upper-division class.

Availability of courses depends on enrollment: courses may be offered, but not taught if the enrollment is insufficient. Summer classes are especially uncertain in this regard.

CS COMPUTER SCIENCE

Lower Division

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

CS 122 A FIRST COURSE IN PROGRAMMING (2-0-2). Programming using a conversational language such as BASIC with a small computer. PREREQ: Satisfactory score on mathematics placement examination.

CS 124 DIGITAL COMPUTER PROGRAMMING (2-0-2), Beginning FORTRAN. See EN 104. Credit cannot be obtained for both CS 124 and EN 104.

CS 125 INTRODUCTION TO COMPUTER SCIENCE I (3-0-3F,S). Basic concepts of computer systems, problem solving and algorithm development, program structures, data types, data and procedure abstractions, and program development.
PREREQ: M 111 or M 106 or PERM/INST.

CS 127 INTRODUCTION TO COMPUTER SCIENCE II (4-0-4F,S). Programming methodology (specification, design, coding, and corrections), the implementation of abstract data types, recursion, dynamic data structures, searching and sorting.
PREREQ: CS 125 or PERM/INST.

CS 226 ASSEMBLER LANGUAGE (4-0-4F). Assembler language programming for the IBM 370. Data representation, the machine instructions, looping, address modification, handsome output, program sectioning and linking, macros.
PREREQ: CS 127 or PERM/INST.

CS 227 PROGRAMMING IN 'C' IN THE UNIX ENVIRONMENT (4-0-4S). Students will learn the 'C' programming language on the University's UNIX-based computers. They will learn how to use UNIX and some of the development tools available under the UNIX operating system.
PREREQ: CS 127 or PERM/INST.

Upper Division

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

CS 354 PROGRAMMING LANGUAGES (4-0-4F). A comparison of current languages (such as FORTRAN, ICON, LISP, ADA), their programming and design, Syntax and semantics. Information binding, strings, arithmetic, input/output. Recursion, extensibility.
PREREQ: CS 127 or PERM/INST.

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

CS 426 LINEAR SYSTEMS AND SIGNAL PROCESSING (4-0-4F). Introduction to linear systems and Fourier analysis of continuous and discrete signals. Examples of applications will be drawn from the physical, biological, and social sciences.
PREREQ: M 331 and a knowledge of FORTRAN, BASIC, or Pascal or PERM/INST.

CS 451 SYSTEMS PROGRAMMING (4-0-4F). Machine language programming, Assembler language programming, concepts of compiler construction, an introduction to compiler construction tools under UNIX. PREREQ: CS 227, 354 and 358.

CS 453 OPERATING SYSTEMS PRINCIPLES (3-0-3S). Resource management, I/O programming, interrupts, memory management, process management, dynamic allocations.
PREREQ: M 361 and CS 451 or PERM/INST.

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

M MATHEMATICS

Lower Division

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

M 020 ALGEBRA REVIEW (3-0-0). A refresher course for M 012 or CS 124. PREREQ: Satisfactory score on mathematics placement examination.

M 021 ALGEBRA REVIEW (3-0-0). A refresher course for M 012 or CS 124. PREREQ: Satisfactory score on mathematics placement examination.

M 024 ALGEBRA REVIEW (4-0-4). A refresher course for M 012 or CS 124. PREREQ: Satisfactory score on mathematics placement examination.

M 100 MATHEMATICS FOR LIBERAL ARTS STUDENTS (4-0-4F,S,AREA III). - Designed for liberal arts students. Emphasis is on the nature of mathematical knowledge, its meaning, methodology, and use. Generally topics will be selected from the elementary materials in set theory, logic, number theory, algebra, geometry, probability, statistics, graph theory.
PREREQ: Satisfactory score on mathematics placement examination.
M 103 STRUCTURE OF ARITHMETIC FOR TEACHERS (3-2-4)(F,S). The study of number systems from the whole numbers through the reals: numeration, number operations, algorithms, and properties. The course includes a two-hour laboratory each week which makes use of physical models appropriate to the content of the course. PREREQ: High school geometry and a satisfactory score on the mathematics placement exam.

M 104 GEOMETRY AND PROBABILITY FOR TEACHERS (3-2-4)(F,S). Probability, geometric concepts and principles, measurement, and topics selected from graphing or computing. The course includes a two-hour laboratory each week.

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 mathematics placement examination.


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

M 111 ALGEBRA AND TRIGONOMETRY (5-0-5)(AREA III). Equations and inequalities, systems of linear equations or inequalities, functions and their inverses, exponential and logarithmic functions, graphing, sequences, mathematical induction, binomial theorem, basic theory of equations, trigonometry of triangles and circular functions, inverse trigonometric functions, trigonometric identities, solution to trigonometric equations, and De Moivre’s theorem. PREREQ: Satisfactory score on mathematics placement examination.

M 120 APPLIED STATISTICS WITH THE COMPUTER (4-0-4)(S). 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 206 CALCULUS AND ANALYTIC GEOMETRY (4-0-4)(AREA III). Three-dimensional analytic geometry and introduction to vector algebra and calculus of vector valued functions. Partial differentiation and multiple integration. PREREQ: M 205.

M 211 ACCELERATED CALCULUS (5-0-5)(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 108 or M 111 with a grade of A.


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

Upper Division

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

M 302 INTRODUCTION TO ABSTRACT ALGEBRA (3-0-3)(S). Sets, groups, integral domains, rings and fields. PREREQ: M 206 or 212.

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

M 311 FOUNDATIONS OF GEOMETRY (3-0-3)(F). 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 205 or M 212. Odd-numbered years.

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

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

M 331 DIFFERENTIAL EQUATIONS (3-0-3)(F,S). Theory of ordinary differential equations with applications to the physical sciences and engineering. PREREQ: M 206 or 212.

M 349 NUMERICAL ANALYSIS (4-0-4)(S). The application of numerical methods to the interpretation and analysis of data, solution of equations, general iterative methods, approximation of functions, error analysis. PREREQ: M 206 or M 212 and a working knowledge of BASIC, FORTRAN or PASCAL.

M 356 DISCRETE MATHEMATICAL STRUCTURES (3-0-3)(F). The study of fundamental logical and combinatorial concepts from mathematics useful in abstracting ideas in other disciplines. Special emphasis will be placed on applications to computer science. Topics are: combinatorics with emphasis on enumeration, linear deduction, sets, relations, graphs and directed graphs, trees, and network. PREREQ: M 206 or 212 or PERM/INST.

M 361 FUNDAMENTALS OF STATISTICS (4-0-4)(F,S). Discrete probability, random variables, distributions, central limit theorem, descriptive statistics, regression and correlation, tests of hypotheses, design of experiments and sampling surveys. PREREQ: M 211.

M 401-402 ADVANCED CALCULUS (3-0-3)(F,S). The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, theory of integration, and infinite series. PREREQ: M 314.


M 411 INTRODUCTION TO TOPOLOGY (3-0-3)(S). Sets, metric spaces, topological spaces, continuous mapping, compactness. PREREQ: M 314.


M 431-432, 431G-432G PROBABILITY AND STATISTICS (3-0-3)(F,S). Basic concepts of probability theory, sample spaces, random variables, mathematical expectation, the central limit theorem, estimation and testing of hypotheses. PREREQ: M 206 or 212.

M 441-442 ABSTRACT ALGEBRA (3-0-3)(F,S). Group theory, homomorphism theorems. Sylow theorems, ring theory, ideal theory, field theory, field extensions, and Galois groups. PREREQ: M 301, 302.


M 464 MATHEMATICAL MODELING (3-0-3)(S). Introduction to mathematical modeling through case studies. Deterministic and probabilistic models. Optimization. Examples will be drawn from the physical, biological, and social sciences. PREREQ: M 361 and CS 122 or PERM/INST.

M 490 MATHEMATICS IN SECONDARY SCHOOLS (3-0-3)(F). Objectives, content and methods of secondary school mathematics programs. PREREQ: Six hours of Mathematics completed at or above the 300 level.

Department of Music

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

Chairperson and Professor: Wilber D. Elliott; Associate Chair and Associate Professor: Donald Oakes; Professors: Baldwin, Hsu, Parkin, Shelton, Winston; Associate Professors: Baldassarre, Belfy, Bratt, C. Elliott, Rozmajzl, Samball, Schroeder; Assistant Professors: Berg, Purdy, Thomason, Wells.

Degrees Offered

• BA and BM in Music
• BM in Music Education

Department Statement

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

Other gifts to the Music Department include several grand pianos, electronic equipment, instruments, record collections, scholarship endowments and money. 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 Utley
William K. Dunkley Family

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 Bachelor's Degree programs which students may choose between, and one Graduate Degree program.

1. The Bachelor of Music Degree is essentially a professional music degree with emphasis in Performance, Theory-Composition, or Music Education.
   - a. Major emphasis in Performance or Theory-Composition: designed to train performers, performing artists, teachers, and composers; this program is basic to preparing students for graduate work in the performing, creative, and college or university teaching fields.
   - b. Major emphasis in Music Education: designed to prepare students for a music teaching careers in the secondary and elementary educational systems and also prepares students for graduate work in Music.

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

**Degree Requirements**

**BACHELOR OF MUSIC PROGRAM**

1. General Requirements
   - a. All full-time students will be required to attend Concert Class during each semester of residency at Boise State University (see course description for MA 010 for complete details). All students will perform on their major instrument before a faculty jury at the end of each semester. Students presenting MA 444, 445 or 446 recitals are exempt from faculty jury during the semester in which the recital is given.
   - b. All Bachelor of Music majors whose major instrument is other than keyboard are required to pass, no later than the end of the junior year, the Piano Proficiency Examination before a faculty committee. A grade of C or better in MU 213 will satisfy this requirement. Details are available from the Music Department.
   - c. All Bachelor of Music majors are required to register for one of the three major ensembles (Band, Choir or Orchestra) each semester, totaling a minimum of eight credits over a normal four-year course of study, except that Performance majors in Piano, Voice or Guitar will take only six credits of major Ensembles. Piano Performance majors will take two credits of Accompanying (ME 180, 380) toward the required six credits and may count up to 2 credits of Other Major Ensemble (ME 185, 385) toward this requirement. 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 ......................................0 (attendance required each semester of full-time residency; Music Education majors are exempt during semester/weeks of student teaching.)
     - Ensemble ME — (see 1c above) .............................6-8
     - Materials of Music I-IV MU 119, 120, 219, 220 ..........12
     - Ear Training I-IV MU 121, 122, 221, 222 ...................4
     - Survey of Western Music MU 143 .............................4
     - Basic Form and Analysis MU 223 ............................2
     - Basic Conducting MU 261 ....................................1
     - Music History & Literature I-III MU 351, 352, 353 .........9
     - TOTAL .........................................................37-39

2. Performance Emphasis Minimum Requirements:
   - a. General University and Basic Core Requirements for Bachelor of Music Degree ........................................32
   - b. Music Requirements
      - (1) Music Core .............................................37-39
      - (2) Performance Studies ...................................30
   - All Performance majors will take 2 credits of Performance Studies the first semester, freshman year, and perform a 4 credit jury prior to enrolling in 4 credit Performance Studies second semester. MC 400 Level Studies: 8 credits minimum.

   c. Additional Upper Division Courses
      - Total credits ................................................16-22
      - Keyboard Harmony & Basic Improv MU 313, 314 ..........4
      - Counterpoint MU 423, 424 ..................................6
      - Advanced Form & Analysis MU 410 ........................3
      - Choral or Instrument Conducting MU 365, 366 ............1
      - Major Instrument Literature MU 457 ........................2
      - Major Instrument Pedagogy I, II MU 463, 464 ............4
      - Senior Recital MA 446 .......................................2

   *Not required of Piano, Voice or Guitar majors.
   **Required only of Piano, Voice or Guitar majors.
   ***Recommended but not required.

   d. Elective Credits ..............................................7.15
      - TOTAL .........................................................128

3. Theory-Composition Emphasis Minimum Requirements
   - a. General University and Basic Core Requirements for Bachelor of Music Degree ........................................32
   - b. Music Requirements:
      - (1) Music Core .............................................37-39
      - (2) Lower Division Performance Studies ..................16
      - Performance Major Studies ...............................8
      - Performance Minor Studies ...............................4
      - (Piano, unless major instrument is Keyboard) ...........8
      - (3) Additional Upper Division Courses ...................31
      - MC 300 Level Performance Major Studies ................4
      - Keyboard Harmony & Basic Improv MU 313, 314 ..........4
      - Band Arranging MU 455 ....................................2
      - Counterpoint MU 423, 424 ..................................6
      - Advanced Form & Analysis MU 410 ........................3
      - Choral & Instrument Conducting MU 365, 366 ..........2
      - Music Composition MA 410 ..................................8
      - Senior Composition Recital MA 447 ........................
      - Music Seminar MU 498 .....................................2
      - Elective Credits .............................................12-14
      - TOTAL .........................................................128

4. Music Education Emphasis Minimum Requirements
   - a. General University and Basic Core Requirements for Bachelor of Music Degree ........................................32
   - b. Music Requirements:
      - (1) Music Core .............................................37-39
      - (2) Lower Division Performance Studies ..................14
      - MC 300 Level or above: 4 cr minimum .................1
      - (3) Additional Lower Division Courses ...................7
      - Orientation to Music Educ MU 271 ........................1
      - Instrumental Tech & Methods MU 257, 266 ...............4
      - Vocal Tech & Meth MU 255, 256 .........................2
      - (4) Additional Upper Division Courses ...................15
      - 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
      - Instrumental Tech & Meth MU 368, 369 ..................4
      - Teaching Music in the Elem Classroom MU 372 ..........2
      - One-half Senior Recital MA 444 ...........................1
      - (5) Education College Requirements ....................26-32
      - General Psychology P 101 (Area II) .......................3
      - Foundations of Education TE 201 (Area II) ..........2
      - Education Psychology P 220 ..............................3
      - Educ:Except Secondary Student TE 333 ...................1
      - Reading in Content Subjects TE 407 .......................3
      - Secondary School Methods TE 381 ........................3
      - Secondary Student Teaching ..............................10-16
   - c. Elective Credits .............................................0-1

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

The above requirements lead to state certification eligibility to teach music in the public schools. Specific details are available from the Music Department.
College of Arts and Sciences

BACHELOR OF ARTS PROGRAM

General Music Major Option

1. General University and Basic Core Requirements for the Bachelor of Arts Degree.
2. Minimum Music Requirements: 46
   - Concert Class MA 010 (each semester) 0
   - Performance Studies MC — 8
   - Ensemble ME — 4
   - Materials of Music I, II MU 119, 120, 219, 220 — 12
   - Ear Training I-MU 121, 122, 221, 222 — 15
   - Survey of Western Music MU 143 — 3
   - Music History & Literature II and I or III — 6
   - MU 352 & MU 351 or MU 353 — 6
   - Performance, Theory, Music Education, Music History Electives (to support Senior Recital or Senior Project) — 8
   *See MA 444 course description for details of the Senior Recital.
   **An independent study terminal project under faculty supervision and with approval of the Department Chairman in the areas of Music Theory, Music History/Literature, or Music Education.

Music/Business Option

General University and Basic Core Requirements for the Bachelor of Arts Degree to include the following:

1. Area I: CM 111 Fundamentals of Speech Communication 3
2. Area II:
   - At least one course in Mathematics selected from the following:
     - M 100 Mathematics for Liberal Arts Students, or — 4
     - M 105, 106 Math for Business Decisions — 4
3. Minimum Music Requirements:
   - Total credits 45
     - MA 010 Concert Class (each semester) — 9
     - MC—Performance Studies — 8
     - ME—Ensemble — 4
     - Materials of Music I, II MU 119, 120 — 12
     - Ear Training I, II MU 121, 122 — 2
     - Survey of Western Music MU 143 — 3
     - Music History & Literature II and I or III — 6
     - MU 352 and MU 351, or MU 353 — 6
     - Senior Project* — 3
     - Music Electives (upper division) — 13
4. Business Courses:
   - (a maximum of 33 credits in Business courses allowed) 24-33
5. Required Courses:
   - Intro Financial Accounting AC 205 — 3
   - Intro Managerial Accounting AC 206 — 3
   - Introduction to Business GB 101 — 3
   - Legal Environment of Business GB 202 — 3
   - Appl of Computer Information Systems IS 101 — 3
   - Management & Organizational Theory MG 301 — 3
   - Salesmanship MM 101 — 3
   - Principles of Advertising MM 203 — 4
6. Additional courses-electives
   - (up to 9 credits may be chosen from the following):
     - Principles of Economics-Macro EC 201 — 3
     - Principles of Economics-Micro EC 202 — 3
     - Intro to Management Information Systems IS 310 — 3
     - Principles of Marketing MK 301 — 3
     - Consumer Behavior MK 307 — 3
*An Independent Study terminal project under faculty supervision with the approval of the Music Department Chairperson.

MUSIC MINOR

Concert Class MA 010 (two semesters) — 6
Materials of Music I & II MU 119, 120 — 12
Ear Training I & II MU 121, 122 — 2
Intro to Music MU 133 (Area I) — 3
Ensemble ME — 2
Choice of 2 semesters of Piano Class (MA 150), Voice Class (MA 180), or Begin Guitar and/or Interm Guitar Class (MA 127, 128) or Private Lessons (MC courses)* in any Instrument or Voice — 24
Music Electives—Upper Division — 5
TOTAL 20-22

MC courses are extra fee courses.

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

Recommended Programs

PERFORMANCE EMPHASIS MAJORS

FRESHMAN YEAR

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SOPHOMORE YEAR

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JUNIOR YEAR

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SENIOR YEAR

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TOTAL CREDITS: 128

*Keyboard majors (piano/organ) must include 2 semesters of ME 180/180 Accompanying and may include up to 2 semesters of ME 185/185 Due-Piano. Guitar majors must include 2 semesters of ME 176/176 Guitar Ensemble.
**MU 313, 314 keyboard Harmony and MU 463, 464 Major Instrument Pedagogy I & II are offered alternate years only. See catalog course description for details.

Piano, Voice or Guitar majors must include MU 457 Major Instrument Literature.

Music Department Chairperson.

THEORY COMPOSITION MAJORS

FRESHMAN YEAR

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College of Arts and Sciences
SOPHOMORE YEAR

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JUNIOR YEAR

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SENIOR YEAR

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*Performance minor instrument must be piano unless piano is the performance major.
**MU 313, 314 Keyboard Harmony is offered alternate years only. See catalog course description for details.

MUSIC EDUCATION EMPHASIS MAJORS

LOWER DIVISION

FRESHMAN YEAR

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SOPHOMORE YEAR

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*MA 150 Piano not actually required but strongly recommended unless major instrument is keyboard or student can demonstrate adequate keyboard facility in MU 213 Functional Piano.
**TE 482 & TE 483 (6 credits) OR (TE 477 6 credits & TE 484 OR 485 10 credits) OR (TE 484 & TE 485 10 credits)
NOTE: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See Department of Teacher Education listing for more information.

Course Offerings

See page 20 for definition of course numbering system

MA MUSIC APPLIED—PERFORMANCE CLASSES, RECITALS

LOWER DIVISION

MA 010 CONCERT CLASS (0-1-0/F/S). Student, guest and/or faculty performances. Additional attendance at 10 concerts/recitals, excluding concert class, is required as part of this course: credit toward the concert/recital attendance requirement is allowed for up to 5 concerts in which one is a performer. (Pass/Fail).

MA 107 RECORDER CLASS (1-0-1/S). The class is designed to improve the technical ability of the classroom teacher or anyone interested in playing the recorder, and to discover the classroom value of the instrument. Baroque 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/F/S). Technical fundamentals in playing the acoustical guitar for beginners. Use of popular and folk songs. Course is based on written notation and aural instruction, stressing chord playing, correct posture and holding positions. Students must provide their own instrument. May be repeated once for credit.

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

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

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

UPPER DIVISION

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

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

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

MA 410 MUSIC COMPOSITION (2-0-3)(F). 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: PERM/INST.

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

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

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

MC MUSIC-PRIVATE LESSON PERFORMANCE STUDIES (These courses carry an extra fee. For details see schedule of fees elsewhere in this Catalog.)

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

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

Private Lesson Performance Studies Course Numbering System:
The three-digit course number carries the following information: first digit (1—2—3, etc.) = performance level; second digit = instrumental family (4—woodwinds, -1— brass, -2— percussion, -3— voice, -4— keyboard, -5— fretted string instruments, -6— bowed string instruments); third digit (-1, -2, -4) = credit value. Four-credit studies are reserved for bachelor of music program performance emphasis majors. Suffix letters identify the particular instrument in each instrumental family: 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 instrument: A guitar; Bowed stringed instrument: 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.

MC 102, 104, 202, 204, 302, 304, 402, 404 WOODWIND INSTRUMENTS Private lessons.

MC 112, 114, 212, 214, 312, 314, 412, 414 BRASS INSTRUMENTS private lessons.

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


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

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


Course numbers ending in 2: (0-5-2)(F/S).
Course numbers ending in 4: (0-1-4)(F/S).

ME MUSIC, ENSEMBLE

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

Lower Division and Upper Division

ME 101, 301 UNIVERSITY SINGERS (0-2-1)(F/S). A general chorus open to all university students. No audition is necessary. Majorchoral works from all periods will be sung. Public performance(s) will be expected each semester.

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

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

ME 111, 311 VOCAL JAZZ CHOIR (0-2-1)(F/S). Designed to promote participation in and repertoire knowledge of literature for vocal jazz choirs. Public performance given each semester. PREREQ: PERM/INST.

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

ME 120, 320 SYMPHONIC WINDS (0-5-1)(F/S). An elective open to all students who can play a band instrument.

ME 121, 321 MARCHING BAND (0-1-1)(F/S). Designed to promote participation in and repertoire knowledge of literature for marching bands, the marching band performs at all home and at least one away football game and occasionally at other university or civic events. Open to all students capable of playing a band instrument.

ME 125, 325 BRASS ENSEMBLE (0-1-1)(F/S). A course designed to promote playing in and increasing repertoire knowledge of small brass ensembles. A public performance is required each semester. PREREQ: PERM/INST.

ME 126, 326 JAZZ ENSEMBLE (0-3-1)(F/S). 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. PREREQ: PERM/INST.

ME 130, 330 WOODWIND ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and increasing repertoire knowledge of small woodwind ensembles. A public performance is required each semester.

ME 140, 340 PERCUSSION ENSEMBLE (0-2-1)(F/S). A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester.

ME 141, 341 KEYBOARD AND PERCUSSION ENSEMBLE (0-2-1)(F/S). In conjunction with the preparation of music for public performance, students will acquire a first-hand knowledge of phrasing, mallet 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. PREREQ: PERM/INST.

ME 150, 350 ORCHESTRA (0-3-1)(F/S). 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.

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

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

ME 180, 380 ACCOMPANYING (0-2-1)(F/S). Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique.

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

MU MUSIC, GENERAL

Lower Division

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

MU 119 MATERIALS OF MUSIC (3-0-3)(F/S). Music fundamentals review; notation, intervals, scales and modes, triads, key signatures, etc. Melody, cadences. Emphasis is on aural and visual recognition, analysis and compositional skills involving the above. PREREQ: piano proficiency to play simple melodies and harmonies, or concurrent enrollment in piano study, or PERM/INST.

MU 120 MATERIALS OF MUSIC II (3-0-3)(F/S). 4-voice textures (linear & vertical); homophony; diatonic chords and harmonic relationships; cadences; inversions;
dominant sevenths; aural and visual analysis; compositional skills. PREREQ: MU 119 or equivalent and piano as per MU 119.

MU 121, 122 EAR TRAINING I-II (0-2-1)/FS. Designed to correlate with Materials I and II. Emphasizes aural training in scales, intervals and rhythms. Includes drill in solfeggio and sight singing leading to aural recognition of 3 and 4 part harmonic structure. PREREQ: MU 120 or equivalent. Concurrent enrollment in MU 119 and II.

MU 133 INTRODUCTION TO MUSIC (3-0-3)/AB. Open to all students, with no background assumed, this course will familiarize the listener with the variety of styles and genres of Western concert music through an historical approach. Attendance at least two approved live concerts/recitals is required.

MU 143 SURVEY OF WESTERN MUSIC (3-0-3)/FS. A preliminary course designed to acquaint the novice with music history, literature, notation, materials, library and listening training, and concert behaviors. Primarily intended for the beginning music major but open to all students with a basic background and interest in music. Attendance at least four approved live concerts/recitals is required.

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

MU 201 MUSIC FUNDAMENTALS (2-0-2). Primarily for Elementary Education students, but open to all non-music majors. Learning to read music through study of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced.

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

MU 219 MATERIALS OF MUSIC III (3-0-3)/FS. Continuation of 4-part textures. Diatonic sevenths; secondary dominants and introduction to altered chords, augmented sixth and neapolitan chords; modulations; compositional skills involving the above. PREREQ: MU 120 or equivalent and piano per MU 119.

MU 220 MATERIALS OF MUSIC IV (3-0-3)/FS. Continuation of 4-part textures. Eleventh and thirteenth chords; twentieth century melody and harmony; atonality and serial techniques. Compositional skills involving the above. PREREQ: MU 219 or equivalent and piano per MU 119.

MU 221, 222 EAR TRAINING III-IV (0-2-1)/FS. Continuation of Ear Training I-II: solfeggio, dictation of more advanced rhythms, 2, 3 and 4 parts. Student expected to play at keyboard simpler forms of basic chords in 4-part harmony. PREREQ: MU 121, 122; MU 120; at least one year of piano study or concurrent enrollment in piano study.

MU 223 BASIC FORM AND ANALYSIS (2-0-2)/FS. A study of the basic and elementary formal structures of music from both design and harmonic structure viewpoints. Analysis of the motif, phrase, period, and simpler binary and ternary forms. An overview of larger common forms: sonata, variation, rondo, etc. PREREQ: MU 219 or equivalent or PERM/INST.

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

MU 257 STRING INSTRUMENT TECHNIQUES AND METHODS (1-2-2)/FS. Primarily for music education majors, this course deals with methods and materials of string-class teaching in the public schools, while providing the student with a basic performing technique on two or more of the orchestral string instruments: violin, viola, cello and string bass.

MU 261 BASIC CONDUCTING (0-2-1)/FS. Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading.

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

MU 271 ORIENTATION TO MUSIC EDUCATION (1-1-1)/FS. A look at school music programs to include all levels: primary through secondary programs. Lab period devoted to visitation in public schools.

Upper Division

MU 313, 314 KEYBOARD HARMONY AND BASIC IMPROVISATION (2-0-2)/FS. Keyboard application of basic harmonic principles: playing and harmonizing figured and unfigured basses and melodies, modulation, transposition, accompanying familiar tunes, beginning improvisation. Offered alternate years, beginning fall semester, even numbered years. PREREQ: MU 120-122 and a grade of C or better in MU 213 Functional Piano, OR Piano Proficiency passed, OR 200-level private piano study.

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

MU 332 MUSICAL THEATRE PRODUCTIONS (0-10-4)/S. Specific apprenticeships in the operations of actual musical theatre productions will be given to gain experience in the practical application of knowledge learned in MU 331. Graded pass/fail. May be repeated two times for credit. PREREQ: MU 331, PERM/INST.

MU 351 MUSIC HISTORY AND LITERATURE I (3-0-3)/S. The analysis of the development of Western art music from early Christian times through the early Baroque era. Consideration of music from these periods as artistic entities, their relation to the historical and social backgrounds, and foundations for subsequent expressions. PREREQ: MU 120 and 143 or PERM/INST.

MU 352 MUSIC HISTORY AND LITERATURE II (3-0-3)/FS. Encompasses the periods from the mid-Baroque through the early 19th century. Attention to the changes in music forms and genres through listening, score-reading, analysis and discussion. PREREQ: MU 351, MU 220 or PERM/INST.

MU 353 MUSIC HISTORY AND LITERATURE III (3-0-3)/S. Encompasses the music of the mid-19th century to the present. Attention to the changes in musical styles and aesthetics through listening, score-reading, analysis and discussion. PREREQ: MU 352 or PERM/INST.

MU 365 CHORAL CONDUCTING (0-2-1)/FS. A course designed to deal with the problems and techniques of choral conducting. Students will work with ensemble groups as laboratories for conducting experience. PREREQ: MU 261 or PERM/INST.

MU 366 INSTRUMENTAL CONDUCTING (0-2-1)/FS. 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 368 PERCUSSION TECHNIQUES AND METHODS (1-2-2)/FS. Primarily for music education majors, this course deals with methods and materials of teaching the various percussion instruments in the public schools, while providing the student with a 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 accompaniment skills, elementary chord theory, melody playing, proper hand position and notetaking. Musical material is drawn from popular and folk styles useful in elementary classes. May be repeated once for credit.


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)/FS. Designed for music education majors who will be teaching vocal groups in junior and/or 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, budgets, public relations, planning, rehearsal techniques, scheduling, programming, and emergency repairs of instruments.

MU 410, 410G ADVANCED FORM AND ANALYSIS (2-0-2)/FS. Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. PREREQ: MU 223 or equivalent or PERM/INST.

MU 423, 423G SIXTEENTH CENTURY COUNTERPOINT (3-0-3)/F. Study of 16th century contrapuntal techniques. Compositions will be written in two to four voices, 5 species, C clefs and Latin texts. Analysis/learning of music of the period. Additional compositions and/or research for graduate credit. PREREQ: MU 220 or equivalent. Odd numbered years.

MU 424, 424G COUNTERPOINT SINCE 1600 (3-0-3)/F. Study and writing in contrapuntal styles from Baroque Period to present day. Invertible counterpoint, canon, fugue, invention, guitar literature, Section 3 vocal literature. PREREQ: Upper Division standing in performance.

MU 455 BAND ARRANGING (2-0-2)/FS. Required of majors in music education and in theory and composition. A study of scoring and notation for brasswind, woodwind and percussion instruments and their textures in various combinations. PREREQ: MU 220.
**MU 457 MAJOR INSTRUMENT LITERATURE (PIANO, VOICE, GUITAR) (2-0-2/F/S).** A survey and comparative study of pedagogical materials, principles and procedures. The course will consist of reading, lecture, listening and observation in teaching studios. PREREQ: Upper Division standing in performance.

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

**MU 464 MAJOR INSTRUMENT PEDAGOGY (PIANO, VOICE, GUITAR) II (2-0-2/F).** Practical application of pedagogical methods and procedures through supervised studio teaching. Further reading, lecture, listening and observation involving pedagogical techniques. PREREQ: MU 463 Pedagogy I. Alternate years with MU 457.

**MU 498 MUSIC SEMINAR (2-0-2/F/S). A seminar project under faculty direction. PREREQ: MU 463 Pedagogy I. Alternate years with MU 457.**

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**Department of Physics**

Science-Nursing Bldg., Rm. 318 Telephone (208) 385-3775


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

**Degree Requirements**

**PHYSICS MAJOR**

Bachelor of Science Degree

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

**Liberal Arts Option**

1. General University and BS Degree Requirements .......... 30
2. Major Requirements ..................................... 98

### A. Physics

- Mechanics, Waves and Heat PH 211 .......... 4
- Mechanics, Waves and Heat Lab PH 212 .......... 1
- Electricity, Magnetism & Optics PH 213 .......... 4
- Electricity, Magnetism & Optics Lab PH 214 .......... 1
- Intermediate Applied Programming PH 225 .......... 2
- Analogue Electronics PH 301 .......... 4
- Transducers PH 304 .......... 3
- Lab Microprocessor Applications PH 307 .......... 3
- Modern Physics PH 311, 312 .......... 6
- Optics PH 332, 333 .......... 6
- Optics Oab PH 334 .......... 1
- Mechanics PH 341 .......... 4
- Electricity & Magnetism, PH 381, 382 .......... 6
- Advanced Topics PH 422 .......... 3
- Thermal Physics PH 432 .......... 3
- Senior Lab PH 481 .......... 3
- Seminar PH 499 .......... 1

### B. Math

1. Calculus Sequence M 204, 205, 206 .......... 13
2. Differential Equations M 331 .......... 3
3. A choice of one or more of the following for at least 4 credit hours:
   - Linear Algebra M 301 .......... 4
   - Vector Calculus M 320 .......... 2
   - Numerical Analysis M 340 .......... 4
   - Fund of Statistics M 361 .......... 4
   - Four Ser & Bq Value Prob M 421 .......... 3
   - Probability & Statistics M 431 .......... 3
   - Linear Syst & Sig Process CS 420 .......... 4

### C. Chemistry

- 9

### D. Recommended Electives

- 14

**Secondary Option**

1. General University Requirements .......... 30

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**2. Major Requirements**

### A. Physics

- Mechanics, Waves and Heat PH 211 .......... 4
- Mechanics, Waves and Heat Lab PH 212 .......... 1
- Electricity, Magnetism & Optics PH 213 .......... 4
- Electricity, Magnetism & Optics Lab PH 214 .......... 1
- Intro to Descriptive Astronomy PH 105 .......... 4
- Modern Physics PH 311, 312 .......... 6
- Optics PH 332, 333 .......... 6
- Optics Lab PH 334 .......... 1
- Lab Microprocessor App PH 307 .......... 3
- Senior Lab PH 481 .......... 3

### B. Engineering

- Computer Prog course, such as EN 104 or CS 122 .......... 2

### C. Math

- 16

### Calculus Sequence M 204, 205, 206 .......... 13

### Differential Equations M 331 .......... 3

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

### E. General Zoology Z 130 .......... 5

### F. General Botany BT 130 .......... 4

### G. Recommended Electives .......... 6

### H. Possible Earth Science Elective .......... 4

**3. Education Requirements**

- 26-32

### Intro Sec Teach: Clsrn Obv TE 172 .......... 1

### Foundations of Education TE 201 .......... 3

### Educ Except Secondary Student TE 333 .......... 1

### Educational Technology TE 356 .......... 3

### Educational Psychology P 220 .......... 3

### Read in Content Subjects TE 407 .......... 3

### Secondary School Science Methods TE 384 .......... 3

### Secondary School Methods TE 381 .......... 3

### Secondary School Teaching .......... 10-16

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

**PHYSICS MINOR**

- Mechanics, Waves & Heat PH 211 .......... 4
- Mechanics, Waves & Heat Lab PH 212 .......... 1
- Electricity, Magnetism & Optics PH 213 .......... 4
- Electricity, Magnetism & Optics Lab PH 214 .......... 1
- Modern Physics PH 311, 312 .......... 6
- One of the following:
  - Analog Electronics Lab PH 301 .......... 4
  - Laboratory Microprocessor Applications PH 307 .......... 3
  - Optics PH 332, 333, 334 .......... 7
  - Mechanics PH 341 .......... 4
  - Electricity & Magnetism PH 381 .......... 3
  - Advanced Topics PH 422 .......... 3
- *Math or other prerequisite.

**TOTAL** 20-21

**PHYSICS MAJOR**

Bachelor of Science Degree

**1st**

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**FRESHMAN YEAR**

- English Composition E 101, 102 .......... 3
- College Chemistry C 131, 132, 133, 134 .......... 4
- Calculus & Analytic Geometry M 204, 205 .......... 5
- Digital Computer Programming EN 104 or 107 .......... 3
- Electives .......... 4
- Area I or II Requirements .......... 3
- TOTAL 15-16

**SOPHOMORE YEAR**

- Mechanics, Waves and Heat PH 211 .......... 4
- Mechanics, Waves and Heat Lab PH 212 .......... 1
- Electricity, Magnetism and Optics PH 213 .......... 4
- Electricity, Magnetism and Optics Lab PH 214 .......... 1
- Systems & Circuits I, II EN 221, 223 .......... 3
- Calculus & Analytic Geometry M 206 .......... 4
- Differential Equations M 331 .......... 3
- Applied Programming PH 225 .......... 2
- Area I or II Requirements .......... 3
- Area I or II Requirements .......... 3
- TOTAL 18

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**Note:** Information is subject to change. Please consult the current academic catalog for the most accurate and up-to-date information.
### Course Offerings

#### PS PHYSICAL SCIENCE

#### Lower Division

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<td>GENERAL PHYSICS (3-4-0)(AREA III)</td>
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<td>PH 102</td>
<td>ELECTROSTATICS AND MAGNETOSTATICS (3-4-0)(AREA III)</td>
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<td>PH 103</td>
<td>ELECTRICITY AND MAGNETISM (4-0-4)(F/S)</td>
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<td>PH 104</td>
<td>OPTICS (3-4-0)(F/S)</td>
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<td>MODERN PHYSICS (4-0-4)(F)</td>
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<td>PH 106</td>
<td>RADIATION PHYSICS (4-0-4)</td>
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<td>PH 109</td>
<td>INTRODUCTION TO COMPUTERS (4-0-4)</td>
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<tr>
<td>PH 201</td>
<td>MECHANICS, WAVES, AND HEAT (4-1-4)(F)(AREA III)</td>
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<td>PH 202</td>
<td>ELECTRICITY, MAGNETISM, AND OPTICS (4-1-4)(F)(AREA III)</td>
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#### Upper Division

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<td>PH 211</td>
<td>MECHANICS, WAVES, AND HEAT</td>
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<td>PH 212</td>
<td>ELECTRICITY, MAGNETISM, AND OPTICS</td>
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<td>PH 214</td>
<td>OPTICS (3-4-0)</td>
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<tr>
<td>PH 215</td>
<td>MODERN PHYSICS (4-0-4)</td>
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#### College of Arts and Sciences

**PH 214 ELECTRICITY, MAGNETISM, AND OPTICS LAB (0-3-1)(AREA III) | Lab to be taken concurrently with PH 213. Basic experiments in electricity, magnetism, optics, and modern physics. PREREQ: PH 211. COREQ: PH 213.**

**PH 225 INTERMEDIATE APPLIED PROGRAMMING (2-0-2)(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 scientific and engineering problems. Some FORTRAN, but other programming languages will also be used. PREREQ: Knowledge of computer programming. COREQ: M 205 or M 106. Credit cannot be obtained from both M 225 and M 225.**

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**Upper Division**

**PH 231 ANALOG ELECTRONICS (2-4-4)(S). An introduction to basic electronic test instrumentation and to some of the more common discrete semiconductor devices and integrated circuits. Included are diodes, silicon control rectifiers, transistors, operational and instrumentation amplifiers, voltage regulators, timers, and analog-to-digital converters. The devices will be utilized in simple electronic circuits for rectification, amplification, waveform creation and other applications. PREREQ: PH 214.**

**PH 304 TRANSUDERS (1-6-3)(S). An introduction to some common devices used to convert energy forms into electrical signals and their appropriate signal conditioning. Included are photomultiplier tubes, photocoductive cells, photodiodes, phototransistors, linear variable differential transformers, thermocouples, Hall Effect devices, strain gauges, piezoresistive elements. The IEEE-488 Bus and BUS Controller will be introduced and used throughout the course for data acquisition from the transducers. PREREQ: PH 225 & PH 301.**

**PH 307 LABORATORY MICROPROCESSOR APPLICATIONS (2-3-3)(F/S). A lecture/lab course designed to provide the student with the necessary skills to utilize a preassembled microprocessor system for data acquisition and control. PREREQ: PH 213 or EN 222 or PER/INST.**

**PH 311, 312 MODERN PHYSICS (3-4-0-4)(F). A brief introduction to the special relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic, molecular, nuclear, solid state physics and statistical mechanics. PREREQ: PH 213, M 331.**

**PH 332-333 OPTICS (3-0-3)(F/S). An upper division course in geometrical and physical optics to include some of the electromagnetic theory, optical instruments including telescopes and microscopes, Hall Effect devices, strain gauges, piezoresistive elements, optical fibers. The course will be taught using a preassembled system for data acquisition from the transducers. PREREQ: PH 213 & PH 301.**

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### Department of Theatre Arts

**Chairperson and Associate Professor: Stephen R. Buss; Professors: Lauterbach, Shankweiler; Associate Professor: Ericson; Assistant Professor: Allakson; Special Lecturer: Ceballos**

### Degrees Offered

- **BA in Theatre Arts**
- **BA in Theatre Arts, Secondary Education**

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**Degree Requirements**

**THEATRE ARTS**  
Bachelor of Arts Degree

**General University Requirements except**

1. Theatre Symposium TA 010, required each semester of every Theatre Arts Major.
2. Fitness Activity Courses (as recommended by Advisor, fencing, dance, gymnastics, etc.)
3. Area I Credits
4. Area II Credits
5. History of Western Civilization
6. The Department recommends that Theatre Arts Majors take one year of Foreign Language and Reading and Study Skills TE 108.

**Major Subject Requirements**

**THEATRE**

<table>
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<tr>
<th>Course</th>
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<tr>
<td>Theatre Symposium TA 010</td>
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<tr>
<td>Introduction to Theatre TA 107</td>
<td>3</td>
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<tr>
<td>Technical Theatre TA 117, 118</td>
<td>8</td>
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<tr>
<td>Acting (Lower Division) TA 215</td>
<td>3</td>
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<tr>
<td>Stage Voice TA 233</td>
<td>3</td>
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<tr>
<td>World Drama TA 341, 342</td>
<td>6</td>
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<tr>
<td>Directing TA 401</td>
<td>3</td>
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<tr>
<td>Theatre History TA 421, 422</td>
<td>6</td>
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<tr>
<td>Contemporary Theatre TA 445</td>
<td>3</td>
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<tr>
<td>Major Production Participation</td>
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(Upper Division Courses-21)

**SECONDARY EDUCATION**

Department requirements for the Secondary Education Option are the same as regular Theatre major plus:
- Directing TA 402
- Shakespeare E 345 or 346 (subst. for Contemporary Theatre TA 445)
- Intro Secondary Teach: Clasm Obs TE 172
- Education Technology TE 356
- Reading in Content Subjects TE 407
- Educating the Exceptional Secondary Student TE 333
- The student must also satisfy the requirements for teacher certification

**Recommended Program**

**THEATRE ARTS MAJOR**  
(Departmental Requirements indicated by asterisk)

**THEATRE EMPHASIS**

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<td>Fitness Activity</td>
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<td>Laboratory Science</td>
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<td>Reading in Content Subjects TE 407</td>
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<td>Reading and Study Skills TE 108</td>
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**FRESHMAN YEAR**

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**SOPHOMORE YEAR**

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<td>Literature Elective</td>
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<td>Stage Voice TA 233</td>
<td>3</td>
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<tr>
<td>History of Western Civilization</td>
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**JUNIOR YEAR**

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**SENIOR YEAR**

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**THEATRE ARTS MINOR**

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<tr>
<td>Technical Theatre TA 118</td>
<td>4</td>
</tr>
<tr>
<td>or Acting II TA 216</td>
<td>3</td>
</tr>
<tr>
<td>Major Production Participation TA 231, 331</td>
<td>3</td>
</tr>
<tr>
<td>World Drama TA 341 or 342</td>
<td>3</td>
</tr>
<tr>
<td>Directing TA 401</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL** 20
ENGLISH MINOR FOR THEATRE ARTS
Secondary Education Option: See recommended minor listed in this catalog under the English Department heading.

Liberal Arts Option:
Lower Division Literature .................................................. 9*

One of the following ......................................................... 3
Expository Composition E 201
Creative Writing, Poetry E 205
Creative Writing, Fiction E 206

Upper Division Electives other than English Department Drama Courses ........................................... 6

*This requirement cannot be fulfilled by E 297, Special Topics Courses.

Courses Applying to Both Disciplines
Shakespeare: Tragedies & Histories E 345 ............................ 3
Shakespeare: Comedies & Romances E 346 ........................ 3

Total in English Minor for Theatre Arts Major ...................... 24

Course Offerings

See page 20 for definition of course numbering system

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-O-3)(AREA I). 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 162 STAGE MAKEUP (3-O-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-O-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 (1-2-3). Entails study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. Concomitant enrollment in TA 233 required for Theatre Arts majors enrolled in TA 215, and in TA 234 for Theatre Arts majors enrolled in TA 216.

TA 220 CINEMA: HISTORY AND AESTHETICS (3-O-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 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 233 STAGE VOICE (3-O-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 234 STAGE VOICE (2-O-2)(F/S). Basics of articulation with work on the articulatory mechanisms and individual American-English speech sounds. Line analysis in realistic stage speech and work on basic stage dialects. PREREQ: TA 233 or FERM/INST.


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

Upper Division

TA 311 ADVANCED ACTING (3-O-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 FERM/INST. Alternate years.

TA 325 STAGE VOICE (2-O-3)(F/S). Advanced dialects and "character" voices. Interpretative work on vocal reaction in scene studies, verse drama, and Shakespeare. Final overview and individual analysis. PREREQ: TA 234 or FERM/INST.

TA 341 WORLD DRAMA 500 BC-1642 (3-O-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.

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

TA 351 ELEMENTS OF SCENIC DESIGN (3-O-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 all major types of stages. PREREQ: TA 117, 118.

TA 352 COSTUME DESIGN (3-O-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 all manner of productions. PREREQ: TA 117, 118. Alternate years.

TA 362 STAGE LIGHTING DESIGN (3-O-3). A study of the theories, principles and practices of stage lighting including both aesthetic conception and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. PREREQ: TA 117, 118. Alternate years.

TA 401, 402 DIRECTING (3-O-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 421-422, 421g-422g THEATRE HISTORY (3-O-3)(F/S). Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 BC through approximately 1550 AD; the second semester from the Elizabethan period through the end of the 19th century.

TA 445 CONTEMPORARY THEATRE (3-O-3)(S). A study of world theatre and drama since 1960 with an emphasis on current research materials and techniques. Alternate years.

TA 491 SENIOR PROJECTS (3-O-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: FERM/CHAIR.
School of Social Sciences and Public Affairs

Dean: Robert C. Sims, Ph.D.
Telephone (208) 385-3776

School of Social Sciences and Public Affairs Emeriti:
Sylvester, Warwick

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

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

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

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

Survey Research Center

The Survey Research Center was established to conduct high-quality surveys for individuals, government agencies, and public interest groups and to fulfill the primary emphasis area in social sciences and public affairs mandated by the State Board of Education for BSU. Its goal is to provide research that will assist Idaho's citizens and policymakers in their efforts to solve state and local problems. The Center conducts the annual Idaho Policy Survey, an omnibus poll of Idahoans on major public policy issues.

Conflict Management Services

The Center provides conflict management information to the general public and students; provides scholarly research service to students, practitioners, and agencies; conducts social and public policy analyses; provides referral services and technical assistance in the area of conflict resolution; conducts conferences and educational forums and provides support for conflict management programs and organizations; conducts or facilitates training; and provides support services for conflict management within the university.

Minors

CANADIAN STUDIES

The Canadian Studies Minor, consisting of 18 credit hours, of which six are required, is designed to complement any university major. The program is interdisciplinary in its approach and at the same time permits students to pursue their interest areas in Canadian Studies. Students in business, health, education and the liberal arts are encouraged to pursue the program. Upon successful completion of the 18 credit hours, the student will receive a certificate of completion, which will be noted on the transcript. (See page 30 for course descriptions.)

ANTHROPOLOGY

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Anthropology AN 101</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Anthropology AN 102</td>
<td>3</td>
</tr>
<tr>
<td>Intro to Archaeology AN 103</td>
<td>3</td>
</tr>
<tr>
<td>People &amp; Cultures of the World AN 311</td>
<td>3</td>
</tr>
<tr>
<td>Upper Division Anthropology Electives</td>
<td>9</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>
School of Social Sciences and Public Affairs

Degree Requirements

ANTHROPOLOGY
Bachelor of Arts Degree

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

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

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

   3. OTHER UPPER DIVISION COURSES
      Select 9 credits from each of the following groups of courses:
      Group I Courses
      Group II Courses
      Peoples of the Pacific Islands AN 305
      Indians of North America AN 307
      Indians of South America AN 308
      Peoples & Cultures of the World AN 311
      Indian Peoples of Idaho
      Ethnography Electives
      Group III Courses
      African Prehistory AN 300
      European Prehistory AN 302
      Archaeology of North America AN 312
      Archaeology of South America AN 318
      Archaeology of Mesoamerica AN 319
      Seminar in Archaeology AN 421

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

2. Social Science, Secondary Education Option
   The Social Science, Secondary Education Option degree programs
   are cooperative, interdisciplinary programs involving the Departments
   of Economics; History; Political Science; and Sociology, Anthropology,
   and Criminal Justice. Each of these departments provides a major emphasis
   with the Social Science Secondary Option. The following requirements
   apply for students choosing this option.
   a. Must complete a minimum of 30 credits in the subject matter
      of one of the above departments.
   b. Must complete a minimum of 15 credits in each of two of the
      social sciences.
   c. Must complete six additional credits in U.S. History for certifi-
      cation requirements.
   d. Must complete 3 credits American National Government for certifi-
      cation requirements.

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

   a. Anthropology Courses Total Credits
   b. Secondary Education Requirements Total Credits
   c. State Department of Education Certification Requirements

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:
   Economics
   History
   Psychology
   Geography
   Political Science
   Sociology

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

MULTI-ETHNIC STUDIES
Intro Multi-Ethnic Studies SO 230
Minorities in U.S. History HY 261
Ethnic Literature Course
*Ethnic Courses Electives
TOTAL

*List of approved courses available from Program Supervisors.

POLITICAL SCIENCE
For students who wish to major in another field, the Department of
Political Science offers an option of a Minor in Political Science. The
student must complete 21 credits in Political Science in addition to the
requirements for their major. Students are required to take 9 credits of
lower division Political Science courses, and 12 credits of upper divi-
sion Political Science courses, from the following course offerings. Each
student seeking this minor should be advised by the Department Chair
in the Political Science department who must approve the list of courses.

NINE CREDITS FROM THE FOLLOWING COURSES:
American National Government PO 101
State & Local Government PO 102
Contemporary Political Ideologies PO 141
International Relations PO 231
Intro Political Inquiry PO 298

TWELVE CREDITS FROM THE FOLLOWING COURSES:
American Parties & Interest Groups PO 301
Public Opinion & Voting Behavior PO 302
Intro to Public Administration PO 303
Urban Politics PO 308
American Chief Executive PO 309
Public Finance PO 310
Comparative Foreign Policy PO 311
Legislative Behavior PO 312
American Policy Process PO 320
Intro Comparative Politics PO 321
Comp Communist Party-State System PO 324
Politics of Industrialized Nations PO 329
American Political Theory PO 331
Comp Gov & Politics of Dev Nations PO 333
United States Foreign Policy PO 335
Constitutional Law PO 351
American Political Economy PO 381
Advanced Political Science Methods PO 398
International Law & Organization PO 421
International Political Economy PO 429
Western Political Theory I PO 441
Western Political Theory II PO 442
Comparative Legal Systems PO 451
Comparative Public Administration PO 465
Administrative Law PO 467
Intergovernmental Relations PO 469
Organizational Theory & Bureau Structures PO 487
Internship PO 493

Department of Anthropology
Library Building, Room 218 Telephone (208) 385-3406
Chairperson and Associate Professor: Mark G. Plew; Professor: Pavesic; Associate Professor: Cox.

Degrees Offered
  • BA in Anthropology
  • BA in Anthropology, Social Science, Secondary Education

Department Statement
The department central to the mandate by the State Board of Educa-
tion that Boise State be the lead institution in Social Sciences and Public
Affairs. Our central role in this mandate is reflected in the dedication
of the faculty to the creation of an intellectual environment crucial to
the development of skills for critical analysis, problem solving and full
participation in public affairs. The Department of Anthropology offers
two (2) bachelors degree programs, a minor for teaching certification,
a liberal arts minor, and participates in the Canadian Studies program.
AN 319 ARCHAEOLOGY OF MESOAMERICA (3-0-3)(F/S). A survey of precolombian cultures of Central America with an emphasis on Mexico. Special focus on the transition from Pre-Classic to Classic civilization with consideration of the Maya and Aztec. PREREQ: AN 103, upper division standing or PERM/INST. Offered even years.

AN 325 HUMAN VARIATION (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 present patterns of variability among humans. PREREQ: AN 101 or 102, upper division status or PERM/INST. Alternate years.

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

AN 409 ANTHROPOLOGY OF EDUCATION (3-0-3)(F/S). An examination of the cultural aspects of educational processes and institutions. The application of anthropological method and theory to the problems of formal and informal education in traditional and modern cultures. PREREQ: AN 102, upper division status or PERM/INST.

AN 421 SEMINAR IN ARCHAEOLOGY (3-0-3)(S). A survey of the philosophical and theoretical foundations of archaeology. Includes developments in methodology and technical advances as applied to archaeological research. PREREQ: AN 103, upper division status or PERM/INST. Alternate years.

AN 430 APPLIED ANTHROPOLOGY (3-0-3)(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 the application of anthropological concepts in contemporary societies and institutions. PREREQ: AN 102, upper division status or PERM/INST.

AN 490 ARCHAEOLOGY FIELD SCHOOL (1-20-6SU). Six weeks on-site field training in the archaeological techniques of site reconnaissance and excavation. Focus will be placed on the observation, recording and recovery of field data. Instruction includes preliminary laboratory processing and artifact analysis. PREREQ: PERM/INST. Special fee required for room and board.

Department of Communication

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

Degrees Offered

- BA, Communication
- BA, Mass Communication/Journalism emphasis
- BA, Communication Training and Development emphasis
- BA, Communication, Secondary Education
- BA, Communication/English, Journalism emphasis
- BA, Communication/English, Communication emphasis
- MA in Communication (See Graduate College for details)

Department Statement

The Department of Communication provides a broad-based program which offers students an opportunity to develop an understanding of the basic processes involved when humans attempt to communicate with one another. We believe that all majors in communication should understand the basic principles and theories about human communication before they specialize in any particular area of communication. It is also our belief that after having gained the basic knowledge, students should be allowed to create programs which are best suited to meet their particular career and life plans. Therefore, the number of required courses is as limited as possible, and the student, working with an advisor, selects sufficient additional courses to complete the requirements for a major.

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

**COMMUNICATION MAJOR**

**Bachelor of Arts Program**

1. Completion of general University requirements for Bachelor of Arts degree as listed in Part 3 of this Catalog.

2. All majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses:
   - Introduction to Communication Study CM 115
   - Perspectives of Inquiry CM 201
   - Research Methods CM 302
   - Perspectives on Communication CM 421
   - Communication Seminar CM 498
   - Communication Lab CM 216, 316
   - Courses for Area of Emphasis
   - 26-36

   **TOTAL** 45-55

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

3. Mass Communication and Journalism Emphasis

4. Communication Training and Development Emphasis

5. Communication Electives

6. Other Electives

**TOTAL** 128

**Mass Communication/Journalism Emphasis**

1. General University Requirements

2. Departmental Core Requirements

3. Communication Electives

4. Other Electives

**TOTAL** 51

**Communication Emphasis**

1. General University Requirements

2. Departmental Core Requirements

3. Communication Electives

4. At least 3 courses from the following
   - Audio Production CM 263
   - Video Production CM 267
   - Copy Editing CM 275
   - Broadcast Management & Programming CM 365
   - Advanced Media Production CM 367
   - Reporting & News Writing CM 273
   - Critical Writing CM 474
   - Feature Writing CM 473
   - Communication Graphics CM 379
   - Media Research CM 366
   - Reporting Public Affairs CM 373
   - Introduction to Communication Study CM 115
   - Mass Media & Society CM 171
   - Mass Communication & Social Change CM 261
   - Mass Media and Cultural Form CM 262
   - Mass Comm Concepts and Perspectives CM 465

5. At least one course chosen from each of the following:
   - Communication Lab CM 216
   - Communication Seminar CM 498
   - Communication Practicum CM 451
   - Oral Interpretation CM 307
   - Communication for Teachers CM 311
   - Persuasion CM 412

6. Additional 9 credits chosen from:
   - Critical Writing CM 474
   - Feature Writing CM 473
   - Communication Graphics CM 379
   - Introduction to Communication Study CM 115
   - Mass Media & Society CM 171

**TOTAL** 51

**Communication, Secondary Education Emphasis**

1. General University Requirements

2. Departmental Core Requirements

3. Education Requirements

   **See Department of Teacher Education listing in the College of Education in this Catalog.**

4. Departmental Requirements

   **a. Departmental Core Requirements**

5. Required Interest Area Courses:
   - Reasoned Discourse CM 112
   - Internship in Directing Forensics CM 493
   - Interpersonal Communication CM 221
   - Methods of Teaching Communication CM 401
   - Communication Activities CM 114/314

6. Six credits chosen from the following presentation courses:
   - Public Speaking CM 231
   - Oral Interpretation CM 241
   - Fundamentals of Speech Communication CM 111
   - Communication Practicum CM 451
   - Communication in the Small Group CM 251

   **TOTAL** 17-20

**School of Social Sciences and Public Affairs**

**d. Nine credits chosen from any of the following:**

- Fundamentals of Speech Communication CM 111
- Voice and Diction CM 121
- Listening CM 131
- Mass Media and Society CM 171
- Public Speaking CM 231
- Oral Interpretation CM 241
- Communication in the Small Group CM 251
- Reporting and News Writing CM 273
- Interviewing CM 307
- Speech Communication for Teachers CM 311
- Rhetorical Theories CM 321
- Message Analysis and Criticism CM 331
- Nonverbal Communication CM 341
- Intercultural Communication CM 351
- Communication Graphics CM 379
- Persuasion CM 412
- Small Group Process CM 431
- Communication Practicum CM 451
- Media Ethics CM 460
- Mass Communication Law CM 462

**TOTAL** 45-48

**4. Suggested Extra-Departmental Elective Courses, as follows:**

   - Introduction to Theatre TA 107
   - Major Production Participation TA 231, 331
   - Educational Technology TE 356

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

**Communication Training and Development Emphasis**

1. General University Requirements

2. Language

3. Humanities

4. Philosophy

5. Area I — Any Field

6. History

7. Area II — Any Field

8. Area III — Any Field

9. Area IV — Any Field

10. Additional 9 credits chosen from:

   - AN 102, P 305, P 441, SO 210, SO 310, TE 208, TE 356

**TOTAL** 45

**2. Department Requirements**

- Intro Comm Trng & Develop CM 255
- Developing Communication Training CM 355
- Methods of Teaching Communication CM 401
- Additional Department Requirements

**NOTE:** At least one course chosen from the following:

- 1. CM 231, 241, 311, 312
- 2. CM 131, 221, 307, 341, 390
- 3. CM 251, 361, 431
- 4. CM 321, 351, 412
- 5. CM 273, 263, 267
- 6. CM 493 — Internship

**Students choosing the Communication Training and Development Emphasis must also complete an APPROVED MINOR in a related field, e.g., Art, Biology, Business, Economics, Multi-Ethnic Studies, Political Science. (See page 27 for list of approved minors.)**

**COMBINED MAJOR**

- Communication—English

**Communications Training and Development Emphasis**

1. General University Requirements

2. Language

3. Humanities

4. Philosophy

5. Area I — Any Field

6. History

7. Area II — Any Field

8. Area III — Any Field

9. Area IV — Any Field

10. Additional 9 credits chosen from:

   - AN 102, P 305, P 441, SO 210, SO 310, TE 208, TE 356

**TOTAL** 51

**Journalism Emphasis**

- Communication—English

**Department Requirements:**

- COMMUNICATION

- Introduction to Communication Studies CM 115
- Perspectives of Inquiry CM 201

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School of Social Sciences and Public Affairs

Communication Laboratory CM 216, 316 .................. 3
Interpersonal Communication CM 221 .................. 3
Rhetorical Theories CM 321 .................. 3
Perspectives on Communication CM 421 .................. 3
Upper Division Communication Electives .................. 10

ENGLISH .......................... 27
British or American Literature survey .................. 6
Composition above the basic sequence .................. 6
To be chosen from Advanced Expository Composition (E 201), the Creative Writing sequence or Technical Writing.
Introduction to Language Study LI 305 .................. 3
Upper Division Lit. Elect. (3 hrs in courses before 1800) .................. 12
SENIOR SEMINAR — (Either CM 498-3 hours or E 498-2 hours)
TOTAL HOURS: 56 (26 and 27 and 3) OR 55 (26 and 27 and 2)

Communication Emphasis
Department Requirements:
COMMUNICATION ........................................ 26
Introduction to Communication Studies CM 115 .................. 1
Perspectives of 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
Upper Division Electives .................. 10

ENGLISH .......................... 27
British or American Literature survey .................. 6
Humanities HU 207, 208 .................. 3
Advanced Writing and Linguistics .................. 9
To be chosen from Advanced Expository Composition (E 201), the Creative Writing sequence or Technical Writing.
Upper Division Electives .................. 9
SENIOR SEMINAR: (Either CM 498-3 hours or E 498-2 hours)
TOTAL HOURS: 56 (26 and 27 and 3) OR 55 (26 and 27 and 2)

In Reference to electives:
1. If students do not elect another Humanities course (either HU 207 or 208), then they should take nine additional upper division credits in each Department.
2. If students elect the extra three hours in Humanities (either HU 207 or 208), then they would take six upper division hours in Communication or English and nine upper division hours in the other Department.

Course Offerings

See page 20 for definition of course numbering system

CM COMMUNICATION

Lower Division
CM 111 FUNDAMENTALS OF SPEECH COMMUNICATION (3-0-3)(AREA II). Fundamental principles of effectively preparing, presenting and critically consuming messages in one-to-one, small group, and public speaking contexts.
CM 112 REASONED DISCOURSE (3-0-3)(AREA I)(F/S). Introduction to logical reasoning and the role of the advocate in a free society. Analysis of propositions, issues, arguments, evidence, fallacies of arguments and various systems of reasoning. Preparation for and participation in activities designed to apply the principles of logical reasoning in the public forum.
CM 114 COMMUNICATION ACTIVITIES (1-0-1)(F/S). Preparation for and participation in communication activities: intercollegiate debate competition, individual speaking, or community speaking activities. PREREQ: Permission of the instructor. CM 114 and CM 314 may be repeated for a total of eight credits, not more than four of which may be applied toward the degree in communication.
CM 115 INTRODUCTION TO COMMUNICATION STUDIES (1-0-1)(F/S). Dimensions of human communication, historical and contemporary concepts, communication degree programs, and career opportunities. (PASS/FAIL)
CM 116 COMMUNICATION LABORATORY (1-1-2)(F/S). An experimental probe into human communication through participation in practical applications of concepts, communication requirements and technological communications.
CM 122 INTRODUCTION TO MANUAL ENGLISH (3-0-3)(F/S). 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)(F/S). Theory and practice of our most-used communication skill. Analysis of variables as they promote or impede the process of listening.
CM 171 MASS MEDIA AND SOCIETY (3-0-3)(F/S). An examination of the role of mass media in contemporary society. Emphasis on the interrelationships between media and other social and political institutions, and on critical analysis of current media issues.
CM 201 PERSPECTIVES OF INQUIRY (3-0-3)(F/S). The nature, sources and tests of knowledge; various views of theories, theory building, models, and the nature of inquiry. PREREQ: E 102, CM 115 or PERM/INST.
CM 216 COMMUNICATION LABORATORY (3-0-3)(F/S). Participation in a community in which students form their own economy, government, and produce and consume communication products and services. Development of participation in workshops and short courses. PREREQ: CM 115. May not be taken concurrently with CM 316.
CM 221 INTERPERSONAL COMMUNICATION (3-0-3)(F/S). An examination of the nature of human communication. Focuses, through experimental learning, on awareness of self, communicative relationships and context.
CM 241 ORAL INTERPRETATION (3-0-3)(F/S). 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)(F/S). 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 255 INTRODUCTION TO COMMUNICATION TRAINING AND DEVELOPMENT (3-0-3)(F/S). Designed primarily for students interested in communication-based training and development careers. A survey of theories and techniques of communication training and development in human organizations.
CM 261 MASS COMMUNICATION AND SOCIAL CHANGE (3-0-3)(F/S). The history and evolution of communication and mass communication technologies, focusing on their role in the development of mass society. Traces social-cultural evolution from oral through written to electronic media. PREREQ: CM 171.
CM 262 MASS MEDIA AND CULTURAL FORM (3-0-3)(F/S). An examination of the form and cultural values of mass media programs, the relationship between audiences and media products, and approaches to critical analysis of media products. PREREQ: CM 171.
CM 267 VIDEO PRODUCTION (3-0-3)(F/S). Theory and practice of studio and electronic field production, including camera and control room operation, lighting, staging, set design, producing and directing. Focus on the use of video technology as an effective means of human communication and self-expression. PREREQ: CM 262.
CM 273 REPORTING AND NEWS WRITING (3-0-3)(F/S). Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of a story of the news story. Emphasis on accuracy, conciseness and clarity in writing. Study of newspaper styles—usage, grammar, punctuation, capitalization—and the use of copy editing symbols. PREREQ: E 102 and ability to use typewriter or PERM/INST.
CM 275 COPY EDITING (3-0-3)(F/S). Theory and practice in editing of local and wire news, headline writing, picture editing, evaluating news, layout and design, video display terminal operation. Examination of Associated Press style, refinement of grammar. PREREQ: E 102 and ability to use typewriter or PERM/INST.
CM 277 PHOTO COMMUNICATION (2-2-3)(F). Photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. PREREQ: AR 251 or PERM/INST.

Upper Division
CM 300 COMMUNICATION ISSUES, INDUSTRIES AND INQUIRY IN CANADA (3-0-3)(F/S). Describes Canadian communication industries, issues and inquiry, especially the question of cultural identity for Canada. Discusses governmental communication policy as a tool for preserving national, regional and tribal identity. Examines Canadian scholars of communication. Cross listed as CN 300 for credit in the Canadian Studies Minor.
CM 302 RESEARCH METHODS (3-0-3)(F/S). Historical, critical, descriptive, and experimental research methods and tools in communication. Students design, conduct, report, and evaluate research projects. PREREQ: CM 201 or PERM/INST.
CM 311 SPEECH-COMMUNICATION FOR TEACHERS (3-0-3)(S). Designed to improve the prospective teacher's awareness of communicative processes related to effective teaching; emphasis on various communication situations confronted by teachers and strategies for maximizing student-teacher relationships.

CM 312 APPLIED COMMUNICATION (3-0-3)(S). An application of basic principles of communication to real-life situations involving current community problems and issues. PREREQ: CM 111.

CM 314 COMMUNICATION ACTIVITIES (1-0-1)(SF). Preparation for and participation in communication activities: intercollegiate debate competition, individual speaking or community speaking activities. PREREQ: PERMISSION. CM 114 and CM 314 may be repeated for a total of eight credits, not more than four of which may be applied toward the degree in communication.

CM 316 COMMUNICATION LABORATORY (3-0-3)(SF). Participation in a community in which students form their own economy, government, and produce and consume communication products and services. Development of and participation in workshops and short courses. PREREQ: CM 111. May be taken concurrently with CM 216.

CM 321 RHEOTHEICAL THEORIES (3-0-3)(SF). An examination of theories concerning the complexity of interaction among ideas, messages, and people, 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 and for the deaf will be explored to cover educational and social situations. PREREQ: CM 122.


CM 332 CONTEMPORARY PUBLIC COMMUNICATION (3-0-3)(SF). 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 discourse which reflect, reinforce, and alter popular opinion.

CM 341 NONVERBAL COMMUNICATION (3-0-3)(SF). An examination of the functional and non-verbal behavior codes in communication.

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


CM 361 ORGANIZATIONAL COMMUNICATION (3-0-3)(SF). The application of communication theory and methodology to the study of communication within the formal organization. Theories and problems of human communication within and between organizations.

CM 365 BROADCAST MANAGEMENT AND PROGRAMMING (3-0-3)(SF). The examination of the workings of both commercial and public radio and television stations, including personnel, program formats, legal and public responsibilities.

CM 366 MEDIA RESEARCH (3-0-3)(S). Development, interpretation and use of audience surveys, rating research, and program development and testing techniques.


CM 373 REPORTING PUBLIC AFFAIRS (3-0-3)(SF). Theory and practice of covering governmental and community affairs. Examination of the beat system and developing sources. PREREQ: CM 273 or PERM/INST.

CM 379 COMMUNICATION GRAPHICS (3-0-3) Alternate Years (SF). Theory and practice of graphic design and production of mass media products. An exploration of the communication effects of typefaces, paper, design, layout, printed and electronic images. PREREQ: AR 108, CM 275 or PERM/INST.

CM 390 CONFLICT MANAGEMENT (3-0-3)(S). Examination of the causes of conflict, conflict management theory and conflict management techniques applied in interpersonal, intergroup, organizational and community settings. Discussion of trends and skill development through experiential learning will focus on such conflict management techniques as interpersonal management, mediation, arbitration, negotiation and reconciliation. Students may not receive credit for both SO 390 and CM 390. PREREQ: SO 290 or CM 111. Upper Division Standing.


CM 412 PERSUASION (3-0-3)(SF). Emphasis on theories of persuasion. Examination of variables and message strategies relevant to the persuasive process. Practical application of theory in the analysis and construction of persuasive messages.

CM 416 COMMUNICATION LABORATORY (2-0-2)(SF). Involvement in a community to practice and refine communication skills, e.g., leadership, organization, advisory, research, and evaluation.

CM 421 PERSPECTIVES ON COMMUNICATION (3-0-3)(SF). A survey of contemporary theories and theorists of communication. PREREQ: 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)(SF). Directed study emphasizing the practical application of skills and theory relevant to human communication. An opportunity to focus on areas of special interest to the student. May be repeated for a total of four credits.

CM 460 MEDIA ETHICS (3-0-3)(SF). Examination of ethical issues in contemporary mass media. Particular emphasis is placed on the ethical dilemmas of contemporary media norms and practices in both entertainment and journalism.


CM 463 POLITICAL COMMUNICATION (3-0-3)(SF). A study of the uses of communication media in the political process, within and beyond the electoral context. Content will vary and strategy underlying attempts to influence public opinion, with attention to the role of symbols in political communication.

CM 464 NEW COMMUNICATION TECHNOLOGIES (3-0-3)(SF). Examination of new technologies, such as videotelephones, satellite, interactive computer networks, and discussion of issues related to the impact of these technologies on the social, political and cultural environment.


CM 473 FEATURE WRITING (3-0-3)(SF). Non-fiction writing for newspapers or magazines. Includes analysis of publication markets and procedures for submitting articles. Alternate years.

CM 474 CRITICAL WRITING (3-0-3)(SF). Writing opinion for the mass media with emphasis on editorials, personal columns, and reviews of the arts. Alternate years.


NOTE: The next five courses below cover a variety of technical and theoretical subjects in human communication. They involve a variety of approaches and activities. These courses are scheduled as necessary to meet student and community needs. Consult the current semester schedule for specific courses and content offerings. Each general course is repeatable, but the specific topic of study within the course is not repeatable.

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

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

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

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

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

CM 498 COMMUNICATION SEMINAR (3-0-1)(SF). 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 Criminal Justice Administration

Library Building, Room 218  Telephone (208) 385-3406
Chairperson and Associate Professor: Robert Marsh; Associate Professors: Foraker-Thompson, Hopfenbeck, Walsh

Degrees Offered
• AS, BA, and BS in Criminal Justice Administration

Department Statement
The department central to the mandate by the State Board of Education that Boise State be the lead institution in Social Sciences and Public Affairs. Our central role in this mandate is reflected in the dedication of the faculty to the creation of an intellectual environment crucial to the development of skills for critical analysis, problem solving and full participation in public affairs. The department offers a bachelor's and an associate degree in Criminal Justice Administration, participates in the Canadian Studies program and contributes to the Master of Public Affairs degree program.

Degree Requirements

CRIMINAL JUSTICE ADMINISTRATION
Bachelor of Arts Degree
Bachelor of Science Degree

The Bachelor of Arts/Science degree in Criminal Justice Administration offers a choice of four professional areas of emphasis: Law Enforcement, Courts-Law, Corrections-Counseling and Planning-Administration.

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

CORE COURSES:  Credits
English Composition E 101, 102 .............................................. 6
Literature (Area I) ........................................................... 3
Humanities (Area I) ......................................................... 12
Science or Mathematics (Area III) ........................................ 3
History (Area II) ........................................................... 3
Introduction to Financial Accounting AC 205 3
or
Intro to Information Systems IS 310 3
or
Computer Applications in Social Science SO 210 3
General Psychology P 101 ................................................ 3
State-Local Government PO 102 ........................................... 3
American National Government PO 101 ............................... 3
Fundamentals of Speech Communication CM 111 .................... 3
Introduction to Sociology SO 101 ........................................... 3
Social Justice CR 101 ....................................................... 3
Intro to Criminal Justice Admin CR 201 3
Police in the Community CR 215 ......................................... 3
Administration in Public Justice CR 301 3
Criminal Law CR 321 ................................................... 3
Contemporary Correctional Theory & Practice CR 362 3
Senior Seminar in Criminal Justice CR 498 3
Abnormal Psychology P 301 ........................................... 3
Juvenile Delinquency SO 415 ........................................... 3
Criminology SO 417 ....................................................... 3
Independent Study in Criminal Justice CR 499 3

SPECIALTY AREA COURSES:

1. LAW ENFORCEMENT
   Law of Criminal Evidence CR 275 ..................................... 3
   Law of Arrest, Search & Seizure CR 276 .............................. 3
   Police Organization & Management CR 351 ........................ 3
   Criminal Justice Planning CR 425 .................................... 3
   Comparative Law Enforcement Admin CR 451 ...................... 3
   or
   Comparative Canadian Justice CR 452 ............................... 3
   Field Practicum: Enforcement CR 490 ................................ 6
   Electives to total 128 .................................................. 22-23

2. COURTS/LAW
   Law of Criminal Evidence CR 275 ..................................... 3
   Law of Arrest, Search & Seizure CR 276 .............................. 3
   Judicial Admin & Court Management CR 381 ......................... 3
   Criminal Justice Planning CR 425 .................................... 3
   Comparative Law Enforcement Admin CR 451 ...................... 3
   or
   Comparative Canadian Justice CR 452 ............................... 3
   Constitutional Law PO 351 ............................................. 3
   Field Practicum: Courts/Law CR 490 ................................ 6
   Electives to total 128 .................................................. 19-20

3. CORRECTIONS/COUNSELING
   Corrections in the Community CR 331 ................................ 3
   Interviewing & Counseling in Crim Justice CR 340 ................. 4
   Advanced Interview & Counsel in Crim Just CR 411 ............... 3
   Criminal Justice Research & Evaluation CR 426 ..................... 3
   Field Practicum: Correct/Counsel CR 490 ............................. 6
   Upper Division Criminal Justice Elective ............................ 3
   Electives to total 128 .................................................. 20-21

4. PLANNING/ADMINISTRATION
   Judicial Admin & Court Management CR 381 ......................... 3
   Criminal Justice Planning CR 425 .................................... 3
   Criminal Justice Research & Eval CR 426 ............................ 3
   Comparative Law Enforcement Admin CR 451 ...................... 3
   or
   Comparative Canadian Justice CR 452 ............................... 3
   Upper Division Criminal Justice Electives .......................... 6
   Field Practicum-Planning & Admin CR 490 ............................ 6
   Electives to total 128 .................................................. 16-17

CRIMINAL JUSTICE
ASSOCIATE OF SCIENCE PROGRAM (TWO YEAR)

FRESHMAN YEAR

1st SEM 2nd SEM

English Composition E 101, 102 ........................................... 3 3
Science or Mathematics .................................................. 4 4
Social Justice CR 101 ................................................... 3 3
American National Government PO 101 ............................... 3 3
Introduction to Sociology SO 101 ........................................ 3 3
Social Justice CR 101 ................................................... 3 3
Intro to Criminal Justice Admin CR 201 3 3
Police in the Community CR 215 ......................................... 3 3
Administration in Public Justice CR 301 3 3
Criminal Law CR 321 ................................................... 3 3
Contemporary Correctional Theory & Practice CR 362 3 3
Senior Seminar in Criminal Justice CR 498 3 3
Abnormal Psychology P 301 ........................................... 3 3
Juvenile Delinquency SO 415 ........................................... 3 3
Criminology SO 417 ....................................................... 3 3
Independent Study in Criminal Justice CR 499 3

SOPHOMORE YEAR

Intro to Information Systems IS 310 OR
Intro to Financial Accounting AC 205 OR
Computer Applications in Social Science SO 210 ................. 3-4 3-4
Police in the Community CR 215 ......................................... 3 3
Law of Criminal Evidence CR 275 ..................................... 3 3
Humanities ............................................................... 3 3
History ................................................................. 3 3
General Psychology P 101 ............................................. 3 3
Law of Arrest, Search & Seizure CR 276 .............................. 3 3
Electives ....................................................... 1 7
TOTAL 16-17 16-17

Course Offerings

See page 20 for definition of course numbering system

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 275 LAW OF CRIMINAL EVIDENCE (3-0-3)(F). Presentation of the laws and rules of evidence, burden of proof, exclusionary rule, presumption, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. PREREQ: CR 201.

CR 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.

CR 280 VICTIMS OF CRIME (3-0-3)(S). Study of the role of victims of crime in the justice system and their treatment by different criminal justice agencies, national and state data on victimization by types of crime, psychological trauma suffered by victims of violent crimes and paths to recovery, programs available to victims, and victim-related legislation.

CR 290 (SO 290) SOCIAL CONFLICT AND PEACEMAKING (3-0-3)(F). Cross listed SO 290. An introductory survey course covering broadly the kinds of conflict that occur between persons, groups, organizations and societies, with attention to why these conflicts arise, a range of peaceful solutions to conflicts using non-violent, nonadversarial methods. The course ranges from inner personal conflict and ends with the international nuclear arms race. This course may be taken for either CR or SO credit but not both.

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 institutional supervised probation and parole, halfway houses, diversion, furlough concept and various community/social agency rehabilitative programs of both traditional and innovative nature. PREREQ: CR 201 or SO 101.

CR 340 INTERVIEWING AND COUNSELING IN CRIMINAL JUSTICE (3-2-4)(F). Theory and skills involved in effective communication, interviewing and counseling for criminal justice personnel. Basic communication skills and process of problem solving with criminal justice clients emphasized. PREREQ: Upper division CJA standing.


CR 362 (SO 362) CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3-0-3)(F). Cross listed SO 362. The historical development, processes, and methods of operating the adult correctional system. Detailed study of the philosophy and development of treatment strategies in local, state and federal correctional institutions. This course may be taken as CR or SO credit but not both. PREREQ: Upper division CJA standing.

CR 381 JUDICIAL ADMINISTRATION AND COURT MANAGEMENT (3-0-3)(S)(Even years). Study of practices and trends in court management and judicial administration; court personnel, selection, training and evaluation. Examination of modern technology in the management of judicial administration. PREREQ: CR 301, upper division CJA standing.

CR 425 CRIMINAL JUSTICE PLANNING (3-0-3)(F). Study of planning concepts and models to provide the student with skills in criminal justice planning, policy analysis and planning a program evaluation. Use of planning and analytical tools to review current issues in the system. PREREQ: Upper division CJA standing.

CR 426 CRIMINAL JUSTICE RESEARCH AND EVALUATION (3-0-3)(S). Basic aims, processes, and limitations of research in criminal justice. Introduction of social research methods and statistical techniques for evaluating action programs in the criminal justice field. PREREQ: CR 425, upper division CJA standing, or PERM/INST.

CR 451 COMPARATIVE LAW ENFORCEMENT ADMINISTRATION (3-0-3)(S). An analysis and comparison of law enforcement systems at the federal, state and local levels and international systems. PREREQ: CR 301.

CR 452 COMPARATIVE CANADIAN JUSTICE (1-6-3)(S). An analysis and comparison of U.S.-Canadian criminal justice systems at all levels and of the U.S. Constitution versus the Canadian Charter of Rights and Freedom. Requires classroom attendance at the final six weeks of CR 451 and residence at the University of British Columbia during the two weeks following final examination week. Either CR 451 or CR 452 satisfy applicable graduation requirements in Criminal Justice. PREREQ: CR 302 and CR 362, or PERM/INST. Even numbered years only.

CR 489 SENIOR TUTORIAL (3-0-3)(F/S). Directed research in relevant contemporary issues on Criminal Justice and Criminology. Research proposal will be submitted to, and approved by, Criminal Justice faculty prior to the initiation of the project. The culminating activity for the course will be the submission and presentation of an appropriate written project paper. PREREQ: Senior standing in Criminal Justice Administration.

CR 490 FIELD PRACTICUM (V-V-6). Student placement in selected criminal justice agencies with assigned duties of regular personnel. Relevant research project required. Weekly seminar meetings with instructor to review research and agency progress. Required of all BA/BS students without one year of full time criminal justice experience. PREREQ: Upper Division CJA standing.

CR 498 SENIOR SEMINAR IN CONTEMPORARY CRIMINAL JUSTICE PROBLEMS (3-0-3)(S). Exploration of current and anticipated critical issues and problems in the criminal justice systems. PREREQ: CR 201, senior CJA standing or PERM/INST.

Department of History

Chairperson and Professor: Warren L. Vinz; Professors: Barrett Fletcher, Keiser, Lovin, Odahl, Ourada, Sims, Zirinsky; Associate Professors: Butler, Jones, Lundy; Assistant Professors: Duncan, Shattall.

Coordinator of Graduate Studies: Errol Jones.

Coordinator of Classical Languages: Charles Odahl.

Degrees Offered

- BA, History
- BA, History, Secondary Education
- MA, History
- MA, History, Social Science, Secondary Education

Department Statement

The Department of History offers three baccalaureate degree programs: History-Liberal Arts (42 hours of History); History-Secondary Education Option (42 hours of History, 26-32 hours State Teacher Certification requirements); and History-Social Science, Secondary Education Option (minimum 33 hours History, 20 hours each in two Social Sciences, 29-35 hours State Teacher Certification requirements). The History-Liberal Arts degree helps the student prepare for either graduate history or careers in history-related professions, and provides a broad Liberal Arts training for the student. The other two degrees prepare the student for a teaching career. Specific requirements for each degree are listed below.

The department also offers coursework in Classical Languages & Literatures, with students completing 20 hours of Latin eligible for a Minor Certification Endorsement for secondary school teaching in that Language from the State Department of Education.

Degree Requirements

**HISTORY MAJOR**

Bachelor of Arts Program

- **HISTORY LIBERAL ARTS MAJOR**
- **HISTORY SOCIAL SCIENCE MAJOR**
- **HISTORY SECONDARY EDUCATION MAJOR**

**History-Liberal Arts Option**

1. General University Requirements to include:
   - One year of college level Foreign Language .......... 6-8
   - Language equivalency required by the History Department
   - American National Government PO 110 .................. 3

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

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

3. Other Electives ............................................ 28-36

School of Social Sciences and Public Affairs
School of Social Sciences and Public Affairs

History-Secondary Education Option

1. General University Requirements:
   American National Government PO 101
   
2. History Requirements:
   History of Western Civilization HY 101, 102, or 201, 202
   U.S. History HY 151, 152, or 251, 252
   Introduction to the Study of History HY 210
   Total Lower Division Courses
   U.S. History Electives (Upper Division)
   Upper Division History (minimum)
   Seminar or Colloquium
   **Total Other History Courses

   Economics, 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 world-wide expansion of western culture in the twentieth century. Alternate years. Not open to students with credit in HY 101. PREREQ: High school credit in World History or related subject matter or PERM/INST.

   HY 252 PROBLEMS IN U.S. HISTORY (3-0-3)(F)(AREA II). Selected problems from colonial times through reconstruction following the Civil War. Not open to students who have completed HY 151. PREREQ: High school history course or PERM/INST.

   HY 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 of the east" inspired by Willy Brandt. HY 102 recommended. Alternate years.

   HY 308 FRANCE SINCE THE REVOLUTION (3-0-3)(F). 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 the fifth Republic by Charles de Gaulle. HY 102 recommended. Alternate years.

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

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

   HY 311, 312 HISTORY OF ENGLAND (3-0-3)(F/S). First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1660. Second semester: Great Britain from the seventeenth century to the present. Alternate years.


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

   Additional History Upper Division (non-required Lower Division Electives)

   **Total Other History Courses

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

   History-Social Science-Secondary Education Option

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

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

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

   Social Science Curriculum Minor

   Similar Social Science curriculum majors are available in the various Social Science disciplines in which the courses would constitute the 30-credit core of the major 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.

   History Minor Option

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

   Recommended Program

   All History courses specifically required for the major are listed in this Catalog. The Department strongly encourages History majors to take HY 210 by the second semester sophomore year before taking any Upper Division History courses.

   Course Offerings

   See page 20 for definition of course numbering system
HY 317 HISTORY OF SOVIET RUSSIA (3-0-3)(F/S). A survey of the history of Soviet Russia from the last tsars through the present. Alternate years.

HY 319 ANCIENT GREECE (3-0-3)(F/S). A study of the ancient Greek world from the Mycenaean empire of the second millennium to the empire of Alexander the Great in the late fourth century B.C. Political, economic, and cultural history are emphasized with special attention given to the outstanding achievements of the Greeks in political and philosophical thought, epic and dramatic poetry, historical writing and Visual Arts. PREREQ: HY 101, PERM/INST. Alternate years.

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

HY 323 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 pagan writings and artistic remains. Alternate years.

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

HY 327 LIVING RELIGIONS: A Comparative Historical Study (3-0-3)(F). A comparative analysis of the major active religious traditions of the world, treating their historical development, philosophical foundations and social and political ramifications, especially in modern times, with emphasis on Islam, Hinduism, Buddhism, 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, and economic impact; South Asian reaction to British rule; the rise of nationalism and independence; and Indian and Pakistani history since 1947. Alternate years.

HY 330 HISTORY OF MODERN AFRICA: 1750-Present (3-0-3)(F). History of the African Continent from 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 Muhammad 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 sowing states, 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 course has something for every interest. The area of sport is placed within the context of American thought and the social milieu of the nation. Alternate years.

HY 334-334q UNITED STATES SOCIAL AND CULTURAL HISTORY (3-0-3)(F/S). Selected themes from colonial times to the present. The nature and meaning of the national experience, customs, traditions and intellectual developments. HY 151, 152 recommended. Alternate years.

HY 335 DIPLOMATIC HISTORY OF THE UNITED STATES (3-0-3)(F). Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments upon the formulation of foreign policies. HY 151, 152 recommended. Alternate years.

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

HY 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 terms.

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

HY 353 THE NATIONAL ERA, 1815-1848 (3-0-3)(S). The development of American nationalism; the Era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; the beginnings of sectional rivalry; and the Mexican War. PREREQ: HY 151 or PERM/INST. Alternate years.

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

HY 355 WESTERN AMERICA (3-0-3)(F/S). The frontier as a region in 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 INDIAN IN UNITED STATES HISTORY (3-0-3)(F/S). Emphasis is on Indian-white relations. The time period studied extends from early contacts, European rivalries and the origins of the United States Indian policy, to the reunion and Indian problems of the late 19th century. Recommended: HY 151. Alternate years.

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

HY 358 THE GILDED AGE (3-0-3)(S). A study of United States history from 1877 to 1917, with emphasis upon industrial and concomitant social developments, emerging world power, and the consequences and effects of these changes, culminating with the Progressive Movement and Woodrow Wilson's "New Freedom." PREREQ: HY 152 or PERM/INST. Alternate years.

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

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

HY 368 MODERN LATIN AMERICA (3-0-3)(F). An examination of Latin America in the aftermath of the wars of independence, and the struggles for political and economic stability during the nineteenth century. Particular emphasis placed upon twentieth century socio-economic change and the role of the United States in that process. Recommended: HY 152. Alternate years.

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

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

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

HY 416 ARCHIVES AND MANUSCRIPTS (3-0-3)(S). Practical experience in the arrangement and description of manuscript collections located in the Idaho State Archives at 325 West State Street, Boise, and the research and writing of a paper using original or primary sources, including newspaper collections located in the Archives.

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


HY 423-423q EUROPEAN DIPLOMATIC HISTORY 1871-Present (3-0-3)(F/S). Major problems in European diplomacy since 1871; search for security after unification of Germany, potential collapse of the Ottoman empire, imperialism in Africa and Asia, alliance systems, origins of World Wars I and II, cold war and merging of European diplomatic into world diplomacy. Alternate years.

HY 424 TUDOR/STUART ENGLAND (3-0-3)(S). England during the reigns of Tudor and Stuart monarchies; monarchy and parliamentary government; rise of middle class; beginnings of empire; religious and social conflict; cultural developments. Alternate years.

HY 457 HISTORY OF MEXICO (3-0-3)(F). An examination of cultural, social, political, and economic factors affecting the historical development of Mexico from pre-conquest times to the present with emphasis upon the conquest era, the reformation and post-revolutionary periods. Recommended: HY 367. Alternate years.

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

HY 481 SEMINAR IN EUROPEAN HISTORY (3-0-3). Critical analysis of source materials and historical literature on a topic of restricted scope in European History.
The objective of the Senior Division, Army ROTC, is to provide university students who have ability and desire the opportunity to become military graduates.

Scope of Instruction

General: The complete course of instruction leading to a commission as a Second Lieutenant comprises four years and one summer camp, or two years and two summer camps. Training in leadership is emphasized. Instruction is given in subjects common to all branches of the Army with stress placed on the following: organization of the Army and ROTC; individual weapons and marksmanship; military history, management; leadership; map reading, land navigation and orienting; 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 military in world affairs.

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

Advanced Course: The advanced course includes two additional years of Military Science and a six-week summer camp. The camp provides for practical application of instruction previously given. Admission to the advanced course is by permission of the chairman of the Department of Military Science.

Requirements for Army Commissions

Applicants for admission to the advanced course must:

1. have satisfied one of the following requirements: Completion of the basic course; successfully completed the six-week summer basic camp; completed a Summer comprehensive program of 90 contact hours; and must have a minimum of 26 semester hours;
2. be able to complete all requirements for commissioning prior to their 30th birthday;
3. successfully complete prescribed survey and general screening tests;
4. be approved by the president of Boise State University or any other institution to which they may thereafter be admitted;
5. execute an individual contract with the government in which they agree to complete the advanced course at Boise State University or any other institution at which they may thereafter be enrolled where such a course is given;
6. devote a minimum of eight hours a week to the military training prescribed by the Secretary of the Army;
7. attend a six-week summer training camp between the junior and senior year, or in exceptional cases, at the end of the senior year;
8. enlist in the ROTC Control group (this enlistment does not involve additional training or duty but is to insure compliance with the terms of the contract signed by the student which require active enlisted duty if contract is voided due to fraudulent enlistment or willful evasion);
9. agree to accept a commission if tendered;
10. serve as a commissioned officer for eight years to include an initial period of active duty of up to four years. If the Army does not require service on active duty, agree to serve an initial period of active duty training of three to six months and remain a member of, and participate satisfactorily in, a Reserve component until the eighth anniversary of such appointment unless sooner relieved under other provisions. Guaranteed Reserve Forces (GRF) assignments are available for those who do not want to compete for the active duty assignments. The GRF assignment allows officers 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 Cadet Command has established several standardization requirements for all precommissioning ROTC programs across the United States.

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

1. Written Communication. The English Composition requirements of BSU also satisfy the MQS requirement.
2. Human Behavior. Recommended courses to meet this requirement include General Psychology, Sociology or Anthropology (all of these courses can also be used to meet the BSA Area II Social Science requirements).
3. Military History. A Military History course will be offered every other Spring semester. When this course is not available, HY 152 or HY 359 with the written approval of the Professor of Military Science.
4. Courses in Management and National Security Studies are strongly recommended but are not required.
5. The following Physical Education classes are recommended. For students going to an ROTC Summer Camp, these classes are highly recommended:
   a. FA 163—Jogging
   b. PE 121—First Aid
   c. FA 297—Special Topics: Courses in Physical Aerobic Conditioning
   d. FA 297—Special Topics: Orienteering/Land Navigation
7. Math Reasoning. Recommended courses include Mathematics M 100, M 105, and M 106.

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

Financial Assistance: Each advanced course student receives an allowance of $100 a month for up to ten months a year for two years. Summer camp pay in addition to meals, quarters, and medical and dental attention is paid as follows: Basic camp, $740 (approximately); advanced camp $840 (approximately); travel pay, 20 cents 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 for ROTC classes. All such items of clothing and equipment are the property of the U.S. Government and are provided solely for the purpose of furthering the military training of the student concerned. Students are responsible for the safekeeping, care, and return of the property issued to them.

Course Offerings

See page 20 for definition of course numbering system

ML MILITARY SCIENCE

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

ML 102 APPLIED LEADERSHIP (1-1-1). Prepares the student for the ROTC advanced course. ML 102 concentrates on developing oral communication skills, problem analysis, decision-making, and practical leadership exercises as outlined by Military Qualification Skills (MQS II) Leadership Assessment Program (Lap) guidelines. The student will acquire a general knowledge and appreciation of the historical development of the American Military System and its leaders. Laboratory consists of precommissioning participation in leadership exercises, adventure training, military skills orientation, and historical examples of these events. PREREQ: PERM/INST.

ML 201 INTRODUCTION TO LEADERSHIP (2-1-2). Prepares student for ROTC advanced course. Introduction to leadership theory and philosophy with practical exercises. Gives a brief overview of Principles of War, land navigation review for field exercises, indepth study of careers with the Army, and military briefing procedures. Laboratory consists of precommissioning participation in leadership exercises, adventure training and orienteering.

ML 202 MILITARY HISTORY AND LEADERSHIP (2-1-2). Prepares the student for the ROTC advanced course. ML 202 concentrates on developing oral communication skills, problem analysis, decision-making, and practical leadership exercises as outlined by Military Qualification Skills (MQS II) guidelines. The student will acquire a general knowledge and appreciation of the historical development of the American Military System and its leaders. Laboratory consists of precommissioning participation in leadership exercises, adventure training, military skills orientation, and historical examples of these events.

Upper Division

ML 301 LEADERSHIP AND MANAGEMENT (3-1-3F). Increases the student’s poise and confidence as a military instructor and leader. Provides information on the historical development of the Army detailed 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 precommissioning participation in advanced leadership exercises, adventure training, and orienteering.

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

ML 390 MILITARY SCIENCE PRACTICUM (V-V-6S). Provides the student with the opportunity to apply the skills they have learned. Is completed at the 6-week ROTC Summer Leadership Camp at Fort Lewis, Washington. NOTE: This is required by all contracted students and is usually required between MS III and MS IV years.

ML 401 ADVANCED TACTICS (3-1-3F). 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 advanced leadership by planning and conducting laboratory training.

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

ML 493 MILITARY SCIENCE INTERNSHIP (V-V-6). Provides the senior student with the opportunity to apply the skills they have learned. Is completed by simultaneous membership in ROTC and Army Reserve/National Guard (P/N). Permission of department head required.

Department of Political Science & Philosophy

Political Science

Chairperson and Professor: Dr. Gary F. Moncrief; Professors: Donohue, Kinney, Overgaard, Ray mond, Skillem; Associate Professors: Sallie, Weatherby; Assistant Professors: Freemuth, Patton, Witt.

Degrees Offered

- BA and BS in Political Science (with emphasis areas in American Governmental Systems and Processes; International Relations; Political Philosophy and Public Law; and Public Administration)
- BA and BS in Political Science, Social Science, Secondary Education
- Master of Public Affairs: see Graduate College for further details

Department Statement

The Department offers courses leading to a B.A. or B.S. degree in Political Science, with a choice of specified areas of emphasis. The Department also provides courses in support of the Social Science, Secondary Education option for teachers. The Department also offers a minor in political science.

Political Science majors at Boise State University have an opportunity to enjoy a unique and challenging educational experience. The University’s location in the capital city provides many resources not readily available at other schools—such resources as the state law library, state archives, and state and federal government offices.

Majors in political science become prepared for further study at the graduate level, or for careers in government service, teaching, law, and public affairs and research. Many of our students become teachers or lawyers. Others work for large corporations as public affairs officers.
School of Social Sciences and Public Affairs

or for federal, state, or local governments in numerous capacities. Some become reporters, lobbyists, or campaign managers; some have been elected to public office.

**Degree Requirements**

**POLITICAL SCIENCE MAJOR**
- Bachelor of Arts Degree
- Bachelor of Science Degree

1. **General University and Core Requirements**
   - 45

2. **Area of Emphasis Requirements.** A minimum of 15 credits must be completed in the student's chosen area of emphasis (see specific courses below).
   - 15

   **A. American Governmental Systems and Processes Emphasis:**
   - Students opting for this area of emphasis must complete a minimum of 15 credits from the following courses:
     - State and Local Government PO 102 .................................. 3
     - American Political Parties & Interest Groups PO 301 ........ 3
     - Public Opinion & Voting Behavior PO 302 ..................... 3
     - Urban Politics PO 308 .............................................. 3
     - American Chief Executive I PO 309 ............................. 3
     - Legislative Behavior PO 312 ...................................... 3
     - American Political Theory PO 331 .................................. 3
     - Constitutional Law PO 351 ......................................... 3
     - American Political Economy PO 381 .............................. 3

   **B. International Relations Emphasis:**
   - Students opting for this area of emphasis must complete a minimum of 15 credits from the following upper-division courses:
     - Comparative Foreign Policy PO 311 ................................ 3
     - Introduction to Comparative Politics PO 321 ....................... 3
     - Comp Communist Party-State Systems PO 324 .................. 3
     - Politics of Industrialized Nations PO 329 ......................... 3
     - Comp Govt/Politics of Developing Nations PO 333 ............. 3
     - United States Foreign Policy PO 335 .............................. 3
     - International Law and Organization PO 421 ....................... 3
     - International Political Economy PO 429 ........................ 3

   **C. Political Philosophy and Public Law Emphasis:**
   - Students opting for this area of emphasis must complete a minimum of 15 credits from the following courses:
     - American Political Theory PO 331 .................................. 3
     - Constitutional Law PO 351 ......................................... 3
     - International Law & Organization PO 421 ....................... 3
     - Western Political Theory I PO 441 .................................. 3
     - Western Political Theory II PO 442 ................................ 3
     - Comparative Legal Systems PO 451 ................................ 3
     - Administrative Law PO 467 ......................................... 3

   **D. Public Administration Emphasis:**
   - Students opting for this area of emphasis must complete a minimum of 15 credits from the following courses:
     - State and Local Government PO 102 ............................... 3
     - Intro to Public Administration PO 303 ............................. 3
     - American Chief Executive PO 309 .................................. 3
     - Public Finance PO 310 .................................................. 3
     - Public Policy PO 320 .................................................. 3
     - Comparative Public Administration PO 465 ....................... 3
     - Administrative Law PO 467 ......................................... 3
     - Intergovernmental Relations PO 469 ............................... 3
     - Organ Theory & Bureaucratic Structure PO 487 ................... 3

**Political Science—Social Science, Secondary Education Option**

The Social Science, Secondary Education Option Degree programs are cooperative, interdisciplinary programs involving the Departments of Economics; History; Political Science; and Sociology, Anthropology, and Criminal Justice Administration. Each of these departments provides a major emphasis with the Social Science, Secondary Education Option. The following requirements apply for students choosing this option.

**30 Credit Hour Program:**

1. **LOWER DIVISION**
   - American National Government PO 101 .................................. 3
   - State & Local Government PO 102 ..................................... 3
   - Contemporary Political Ideologies PO 141 ........................... 3
   - International Relations PO 231 ....................................... 3

2. **UPPER DIVISION**
   - One course from each of the 4 areas of emphasis .................. 12
   - Upper division electives ............................................ 6
   - TOTAL 30

**15 Credit Hour Program:**

- American National Government PO 101 .................................. 3
- Contemporary Political Ideologies PO 141 ........................... 3
- International Relations PO 231 ....................................... 3
- Two upper division political science elective courses ............ 6
- TOTAL 15

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

**Political Science Internship Program**

Participation in the internship program is strongly encouraged for Political Science majors. Political Science internships are most appropriate for junior and senior students. Students may serve as interns in the Idaho State Legislature, Office of the Governor, the Lt. Governor, or the Attorney General. In addition to providing valuable work experience, students may carry up to 12 academic credits for interning. These academic credits may be earned for every 150 hours of interning. Interns are also placed with local governments and the public affairs offices of major corporations.

**POLITICAL SCIENCE MINOR**

For students who wish to major in another field, the Department of Political Science offers an option of a Minor in Political Science. The student must complete 21 credits in Political Science in addition to the requirements for their major. Students are required to take 9 lower division credits, and 12 upper division credits, from the following course offerings. Each student seeking this minor must get approval from the Department Chair in the Political Science Department.

**NINE CREDITS FROM THE FOLLOWING COURSES:**
- American National Government PO 101 ............................... 3
- State & Local Government PO 102 ..................................... 3
- Contemporary Political Ideologies PO 141 ........................... 3
- International Relations PO 231 ....................................... 3
- Intro to Political Inquiry PO 298 ...................................... 3

**TWELVE CREDITS FROM THE FOLLOWING COURSES:**
- American Politics & Interest Groups PO 301 ......................... 3
- Public Opinion & Voting Behavior PO 302 ............................. 3
- Intro to Public Administration PO 303 ................................ 3
- Urban Politics PO 308 .................................................. 3
- American Chief Justice PO 309 ....................................... 3
- Public Finance PO 310 .................................................. 3
- Comparative Foreign Policy PO 311 .................................. 3
- Legislative Behavior PO 312 .......................................... 3
- American Policy Process PO 320 ...................................... 3
- Introduction to Comparative Politics PO 321 ....................... 3
- Comparative Communist Party-State System PO 324 ............. 3
- Politics of Industrialized Nations PO 329 ........................... 3
- American Political Theory PO 331 .................................. 3
- United States Foreign Policy PO 335 .............................. 3
- Constitutional Law PO 351 ......................................... 3
- American Political Economy PO 381 .............................. 3
- Administrative Law PO 467 ......................................... 3

Total 21

**9 CREDITS FROM THE FOLLOWING COURSES:**
- Comparative Policy PO 311 .............................................. 3
- American Political Theory PO 331 .................................. 3
- Comp Govt & Pol of Develop Nations PO 333 ..................... 3
- United States Foreign Policy PO 335 .............................. 3
- Constitutional Law PO 351 ......................................... 3
- American Political Economy PO 381 .............................. 3
- Administrative Law PO 467 ......................................... 3

Total 9

Total 30
Course Offerings

See page 20 for definition of course numbering system

PO POLITICAL SCIENCE

Lower Division

PO 101 AMERICAN NATIONAL GOVERNMENT (3-0-3)(F/S)(AREA II). Institutions and processes of American political system, emphasizing social, ideological, and constitutional background.

PO 102 STATE AND LOCAL GOVERNMENT (3-0-3)(F/S). Institutions and processes of state and local government, with emphasis on state institutions and processes, federalism, and suburban political economies.

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

PO 231 INTERNATIONAL RELATIONS (3-0-3)(F/S)(AREA II). Nature of relations among nations with particular reference to contemporary international issues. Analysis of motivating factors, including nationalism, imperialism, communism.

Study of national sovereignty and its relation to international cooperation. PREREQ: PO 101 or PERM/INST.

PO 298 INTRODUCTION TO POLITICAL INQUIRY (3-0-3)(F). Introduction to techniques of political science inquiry, concentrating on behavioral and attitudinal data analysis. Includes an introduction to statistics and computer applications.

Upper Division

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

PO 302 PUBLIC OPINION AND VOTING BEHAVIOR (3-0-3)(S). Development of public opinion and voting behavior. Empirical research from variety of fields for understanding and analysis of factors that mold popular attitudes and political behavior. PREREQ: PO 101 or 102.

PO 303 INTRODUCTION TO PUBLIC ADMINISTRATION (3-0-3)(F/S). Theory, administrative organization, functions and problems of governmental units. PREREQ: PO 101.

PO 308 URBAN POLITICS (3-0-3)(S). An inquiry into different urban political systems and issues. Included are investigations into different governing arrangements in urban jurisdictions including variations in electoral structures, types of governing bodies, and different government structures. Also included is an analysis of the role of political parties and interest groups, as well as urban issues such as transportation, waste disposal, service delivery and financing. PREREQ: PO 101 or PERM/INST. Alternate years.

PO 309 AMERICAN CHIEF EXECUTIVE (3-0-3)(S). 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)(S). Political institutions, concepts, values, and methods of international politics relevant to practice of nations 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)(S). Analysis of behavior of American state and national legislatures. Special consideration given to impact of constituencies, parties, interest groups, interpersonal relations, and other factors on legislators; role of the legislature in American political system.

PO 320 AMERICAN POLICY PROCESS (3-0-3)(S). Process through which policy is determined, implemented and adjusted, with emphasis on role of administrators.

PO 321 INTRODUCTION TO COMPARATIVE POLITICS (3-0-3)(F). An introduction to the cross-national analysis of the structure and functioning of various types of political systems, with special emphasis on the problems of political change. PREREQ: PO 101 or PO 231 or PERM/INST.

PO 324 COMPARATIVE COMMUNIST PARTY-LATE SYSTEMS (3-0-3)(S). 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 derive patterns of political relationships. Questions of political theory and political determinants in development of communist party-states. PREREQ: PO 101. Alternate years.

PO 329 POLITICS OF INDUSTRIALIZED NATIONS (3-0-3)(F). Political systems of selected industrialized nation-states, including Great Britain, France, German Federal Republic, Japan, and Scandinavian states. Analysis of patterns of political culture, political interests, political power, and selected public policy issues. PREREQ: PO 101 or PO 231 or PERM/INST.

PO 331 AMERICAN POLITICAL THEORY (3-0-3)(S). Genesis and development of political thought in the United States from colonial period to present.

PO 333 COMPARATIVE GOVERNMENTS AND POLICIES OF DEVELOPING NATIONS (3-0-3)(S). Political systems of selected nations in developing areas of the world, including nations-states in Africa, Asia, and Latin America. Patterns and problems of political development and modernization in the nations will be analyzed. PREREQ: PO 101. Alternate years.

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

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 381 AMERICAN POLITICAL ECONOMY (3-0-3)(F). Focuses on the interface between American politics and economics. Topics include: theories of the capitalist state and society, and different interpretations of American political economy through competing theoretical approaches. PREREQ: PO 101 or 141 or PERM/INST. Alternate years.

PO 398 ADVANCED POLITICAL SCIENCE METHODS (3-0-3)(S). Examination of disciplinary political science, its central problems and underlying concepts, techniques of scientific political investigation as they relate to improved research methods. Required of all political science majors.

PO 421 INTERNATIONAL LAW AND ORGANIZATION (3-0-3)(F). Law of peace, international intercourse, war and threat of war, Pacific settlement, principles and practices of international law. Historical background of international organizations, including the United Nations. PREREQ: PO 101, 231 or PERM/INST. Alternate years.

PO 429 INTERNATIONAL POLITICAL ECONOMY (3-0-3)(S). Examines the relationship between international politics and international economics across different levels of analysis. Includes a discussion of the contending paradigms of international relations, as well as an analysis of the many relationships between among different nation-state groupings within the world system. PREREQ: PO 101, PO 231 or PERM/INST. Alternate years.

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

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

PO 451 COMPARATIVE LEGAL SYSTEMS (3-0-3)(S). Principal legal systems of the world, with emphasis on ideational foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. PREREQ: PO 101, 141, 229. Alternate years. 24 April 2012 . 24 April 2012

PO 465-466G COMPARATIVE PUBLIC ADMINISTRATION (3-0-3)(F/S). Systematic examination and comparison of varied models and theories of administrative systems. International and intranational studies. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. PREREQ: PO 303.

PO 467 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 precedents relating to administrative activities. Students enrolling in this course for graduate level credit will be assigned special requirements on preparation. PREREQ: PO 303 or PERM/INST.

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

PO 487 ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURES (3-0-3)(F/S). Socio-political analysis of theories and concepts of complex social 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 the department for an internship program. The legislative internship is a part of this program, and application for it should be made in early October.

School of Social Sciences and Public Affairs

Philosophy

Library, Room 206

Telephone (208) 385-3304

Director of Interdisciplinary Humanities, Coordinator of Philosophy and Professor: William Skillem; Professor: Brinton; Associate Professors: Harbison, Schoedinger.
Degrees Offered

• BA in Philosophy

Department Statement

Philosophy focuses upon the major issues of knowledge, values and the nature of reality. The student will become acquainted with the major philosophers of the past and present within the course work offered for this major. The degree program in philosophy is broadly based and offers a sound preparation for advanced study within the discipline.

Degree Requirements

**PHILOSOPHY MAJOR**

**Bachelor of Arts Degree**

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

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

**PHILOSOPHY MINOR**

Intro Philosophy PY 101
Intro Logic PY 121
Ethics PY 211
Philosophy Electives (NOT PY 489)

**Course Offerings**

See page 20 for definition of course numbering system

**PY PHILOSOPHY**

**Lower Division**

PY 101 INTRODUCTION TO PHILOSOPHY (3-0-3/F/S/AREA I). A general introduction to some basic philosophical problems and concepts, with attention to selected major philosophers and with an emphasis on philosophical method.

PY 121 INTRODUCTION TO LOGIC (3-0-3/F/S/AREA I). A study of the concepts and methods used in the analysis and evaluation of arguments, with emphasis on the structure of arguments.

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

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

**Upper Division**

PY 303 ANCIENT PHILOSOPHY (3-0-3/F). An introduction to the origins of Western philosophy in the ancient world, with emphasis on Plato and Aristotle. PREREQ: PY 101. Alternate years.

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

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

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

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

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

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

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

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

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

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

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

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

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

PY 489 SENIOR TUTORIAL (3-0-3/F). Directed research culminating in the writing of a Senior Essay to be approved by the members of the Philosophy faculty. PREREQ: Senior standing in Philosophy major.

Department of Social Work

Education Building, Room 716
Telephone (208) 385-1568
Chairperson and Professor: David Johnson; Professors: Huff, Panitch; Associate Professor: Yunker; Assistant Professor: Nelson.

Degrees Offered

• BA in Social Work

Department Statement

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

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

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

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

SOCIAL WORK MAJOR
Bachelor of Arts Degree

1. TOTAL REQUIREMENTS
   General University and Major Requirements .................. 128

2. LOWER DIVISION COURSES ...................................... 63
   English Composition E 101, 102 .................................. 6
   Literature (Core)* ..................................................... 6
   Humanities (Core)* ................................................. 6
   History (3 cr. from Core) ......................................... 6
   Concepts of Biology B 100 ......................................... 4
   Lab Science and/or Math (Core)* ................................. 8
   Communication ....................................................... 3
   Economics ............................................................ 3
   Intro to Sociology SO 101 ......................................... 3
   Social Problems SO 102 ......................................... 3
   General Psychology P 101 ........................................... 3
   State and Local Government PO 102 ............................ 3
   Intro to Social Work SW 101 ...................................... 3
   Elementary Social Work Processes SW 201 .................... 3
   Intro to Multi-Ethnic Studies SO 230 ......................... 3

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

4. ELECTIVES
   General Electives—Lower-Upper Division ....................... 20

   *Core from: AR, HU, HT, MU, FY, TA, Foreign Language 201, 202. Humanities must represent two fields.
   **Must be selected from: Social Work, Communication, Sociology, Anthropology, Criminal Justice Administration, Political Science, History. With approval of advisor.

Suggested Program

BACHELOR OF ARTS DEGREE

FRESHMAN YEAR

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<td>Concepts of Biology B 100</td>
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<td>Science-Mathematics (Core)</td>
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<tr>
<td>History (Core)</td>
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<td>State and Local Government PO 102</td>
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<td>3</td>
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<tr>
<td>Introduction to Social Work SW 101</td>
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<td>General Psychology P 101</td>
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SOPHOMORE YEAR

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<td>Humanities (Core)</td>
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<td>Science-Math (Core)</td>
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<td>Economics</td>
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<tr>
<td>Social Problems SO 102</td>
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<tr>
<td>Elementary Social Work Processes SW 201</td>
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<tr>
<td>History</td>
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<td>Introduction to Multi-Ethnic Studies SO 230</td>
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JUNIOR YEAR

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<td>Social Welfare Policy SW 301</td>
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<tr>
<td>Human Behavior in Social Environment SW 321</td>
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<td>Social Work Methods-Casework SW 385</td>
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<td>Upper Division Soc &amp; Public Affairs Electives</td>
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<td>Lower or Upper Division Electives</td>
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Upper Division Psychology Elective .................. 3

Course Offerings

See page 20 for definition of course numbering system

SW SOCIAL WORK

Lower Division

SW 101 INTRODUCTION TO SOCIAL WORK & WELFARE (3-0-3/F,S/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.

SW 201 ELEMENTARY SOCIAL WORK PROCESSES (3-0-3/F,S). Communication skills, interviewing techniques, and problem solving processes specific to social work practice are covered. Community social services are reviewed and five clock hours of service per week are required in agency to facilitate the integration of values, knowledge and skills. Social work functions and career opportunities are delineated. PREREQ: SW 101.

Upper Division

SW 301 SOCIAL WELFARE POLICY (3-0-3/F,S). Reviews institutional social welfare and professional social work aims to deal with the problems of social change. The course reviews how society has addressed social problems and individual needs, delineates social welfare policy development and methodology for analysis of policies. Ideological value bases are identified for understanding welfare policies. PREREQ: SW 201 and all lower division requirements.

SW 321 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT (3-0-3/F,S). Reviews the human systems framework, age-related stages of development with special attention to life crises related to each stage, and identifying developmental tasks with which social work interventions are especially concerned. Develops key concepts in understanding feminist, racial, ethnic and alternate life styles. PREREQ: SW 201, SO 101 and P 101.

SW 380 SOCIAL WORK STATISTICS AND RESEARCH METHODS (3-0-3/F,S). Provides an introduction to the scientific method and the basic elements of research methodology and statistics. The focus will be on the use of research in Social Work and the manner in which research intertwines with other Social Work methods. PREREQ: SW 301, SW 321.

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


SW 433 SOCIAL UTILITIES AND PERSONAL SERVICES FOR THE ELDERLY (3-0-3/S). This course includes policy issues and services that are or should be available to all aged, and special services that must be available for the frail, impaired and isolated aged. Content survey includes the Social Security Act, the Older American Act and its amendments, the programs and benefits including cash income support programs and non-cash income support programs, housing and occupational programs. Agencies and organizations will also be covered, as well as social services—eligibility and utilization. PREREQ: SO 325, P 313, B 300, or PERM/INST.

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

SW 480 FIELD WORK I (5-0-5/S). Requires the student to work sixteen clock hours per week, as a practicing social worker under the teaching supervision of a professionally trained and experienced social worker. Must apply for admission to the field work program November preceding Fall registration period. PREREQ: SW 301, 321, 380, 385; Cum GPA: 2.5; Major GPA: 3.0. PERM/INST.

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

SW 498 SENIOR LEVEL SEMINAR (1-0-3/F). Facilitates and encourages the student's development as an entry level practitioner through the synthesis of social work theory, practice and values. Must be taken concurrently with SW 480.

SW 499 SENIOR LEVEL SEMINAR (1-0-3/F). Continuation of SW 498. Must be taken concurrently with SW 481.
**Department of Sociology**

Library Building, Room 218  
Telephone (208) 385-3406

Chairperson and Professor: Martin Scheffer; Professors: Baker, Dorman; Associate Professor: Blain; Assistant Professor: Corbin.

### Degrees Offered
- BA in Multi-Ethnic Studies  
- AA in Social Science (Off-Campus locations only)  
- BA, BS in Social Science  
- BA and BS in Sociology  
- BA in Sociology, Social Science, Secondary Education

### Department Statement
The department central to the mandate by the State Board of Education that Boise State be the lead institution in Social Sciences and Public Affairs. Our central role in this mandate is reflected in the dedication of the faculty to the creation of an intellectual environment crucial to the development of skills for critical analysis, problem solving and full participation in public affairs. The Department of Sociology, offers four (4) bachelor degree programs, a minor for teaching certification, participates in the Canadian Studies and Interdisciplinary Gerontology minors and contributes to the Master of Public Affairs degree program.

### Degree Requirements

**SOCIAL SCIENCE: LIBERAL ARTS OPTION**

- Bachelor of Arts Degree*
- Bachelor of Science Degree

1. General University and Basic Core Requirements:
2. Social Science Requirements:
   a. LOWER DIVISION CLASSES
      - Total Lower Division Classes** 18
        - Anthropology AN 101, 102, 103 ..... 3  
        - Economics EC 201, 202 ...................... 3  
        - History HY 101, 102, 103 ...................... 3  
        - Political Science PO 101, 102, 141 ........... 3  
        - Sociology SO 101 .................. 3  
        - Communication CM 111, 112 ................. 3  
      b. UPPER DIVISION CLASSES
         - Primary discipline 12  
         - Secondary discipline ....................... 9  
      c. METHODS CLASSES
         - Comp Appl in Social Science SO 210 .......... 4  
         - HY 210, PO 398, SO 311 or CM 302 .......... 3  
      TOTAL 21

**SOCIAL SCIENCE: PUBLIC AFFAIRS OPTION**

- Bachelor of Arts Degree*
- Bachelor of Science Degree

1. General University and Basic Core Requirements
2. Social Science Requirements:
   a. LOWER DIVISION CLASSES
      - Anthropology AN 102 .................. 3  
      - Social Justice CR 101 .................. 3  
      - Communication CM 112, 113 ................. 3  
      - Economics EC 201, 202 ...................... 3  
      - History HY 152  
      - Political Science PO 101, 102 ............... 3  
      - Intro Social Work SW 101 .................. 3  
      - Sociology SO 101, 102 .................. 3  
      - Seminar: SS 298 "American Citizen" .......... 3  
      TOTAL 27

b. UPPER DIVISION CLASSES
   - Primary discipline 12  
   - Secondary discipline 6  
   - Seminar SS 498 "Social Science & Public Affairs" 3  
   - Internship 3  
   TOTAL 24

**TOTAL CREDITS FOR MAJOR** 51

Select from the following for primary and secondary field of study:
- Anthropology  
- Communication  
- Economics  
- History  
- Social Work  
- Criminal Justice Admin.  
- Political Science  
- Sociology  

*BA Degree requires one year of Foreign Language.

**SOCIOLOGY MAJOR**

**Bachelor of Arts**  
**Bachelor of Science Degree**

1. Completion of general university requirements for the Bachelor of Arts or Science degree as given in the Academic Section of this Catalog. Bachelor of Arts degree candidates are required to complete one year of foreign language. Sociology courses MAY NOT be used to satisfy Area II requirements.
2. Sociology Majors shall complete at least forty-three (43) credit hours in Sociology courses, including:
   a. A twenty-five (25) hour major core consisting of the following courses:
      - Introduction to Sociology SO 101  
      - Computer Applications in Social Science SO 210  
      - Theories of Society SO 201  
      - Elementary Social Statistics SO 310  
      - Social Research SO 311  
      - History of Sociology SO 401  
      - Contemporary Sociological Theory SO 402  
      - Sociology Seminar SO 498  
   b. A nine (9) credit hour option emphasizing either 1) General Sociology or 2) a ten (10) credit option in Applied Sociology. The General option 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 option should be used by those who, whether working toward post graduate education or immediate employment want to emphasize the tools of research and quantitative analysis.
      1. GENERAL SOCIOLOGY  
      - Social Institutions SO 351 ................. 3  
      - Social Change SO 403  
      - Social Inequality SO 421 .................. 3  
      - Social Psychology SO 431 ................. 3  
   OR
   2. APPLIED SOCIOLOGY  
      - Advanced Social Statistics SO 410 .......... 4  
      - Advanced Research Methods SO 411 ......... 3  
      - Sociology Internship SO 493 ............... 3  
   c. Nine (9) additional hours in Sociology. These may be selected from all Sociology course offerings or focused on some specific area of interest or vocational concern.

*BA degree requires one year of a foreign language.

**SOCIOLOGY**

**Social Science, Secondary Education Option**

The Social Science, Secondary Education Option degree programs are cooperative, interdisciplinary programs involving the Departments of Economics; History; Political Science; and Sociology, Anthropology, and Criminal Justice. Each discipline of these departments provides a major emphasis with the Social Science Secondary Option. The following requirements apply for students choosing this option.

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

See the department listings for each of these departments for additional information.
SOCIOMETRY
Social Science Minor

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>Required Course SO 101</td>
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<tr>
<td>Sociology Electives (Six must be Upper Division)</td>
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<tr>
<td>Minor certification endorsements for teaching areas are listed in this Catalog in the Department of Teacher Education Section within the College of Education.</td>
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</table>

MULTI-ETHNIC STUDIES
Bachelor of Arts Degree

The Multi-Ethnic Studies program, which is open to all students, is an interdisciplinary area of emphasis, providing a BA degree. The program will help students 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 Chair, Department of Social Work, to develop program of study.

1. General University Requirements
Total Credits ........................................ 51

2. Ethnic Studies Requirements:
   a. LOWER DIVISION CREDITS ............................ 15
      Introduction 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 CREDITS .......................... 3
      Racial and Cultural Minorities SO 305 3
    c. ETHNIC COURSES
      Total Ethnic Credits .............................. 30
      (List of approved course offerings is available from Program Supervisors)

3. Total General Electives ............................ 29
   Total Credits for Graduation ....................... 128

Multi-Ethnic Studies Minor

<table>
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<tr>
<td>A. Requirements</td>
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<tr>
<td>Intro to Multi-Ethnic Studies SO 230</td>
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<tr>
<td>Minorities in U.S. History HY 261</td>
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<tr>
<td>Ethnic Literature Courses</td>
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<td>B. Ethnic Courses Electives</td>
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<td>List of approved courses available from Program Supervisors</td>
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Recommended Programs
SOCIOMETRY PROGRAM

Following is a suggested sequence of courses for the Bachelor of Arts or Science degree. An asterisk (*) marks each course that is not required, but recommended for a well-rounded program.

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<td>Math for Liberal Arts Students M 100*</td>
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<td>Introduction to Sociology SO 101</td>
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<td>Cultural Anthropology AN 102*</td>
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<td>American National Government PO 101*</td>
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<td>Introduction to Philosophy PY 101*</td>
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<td>History of Western Civilization HY 101*</td>
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| SOPHOMORE YEAR |
| Literature Elective (Core) | 3 | - |
| Science-Mathematics Elective | 4 | - |
| General Psychology P 101* | 3 | - |
| Theories of Society SO 201 | 3 | - |
| Computer Applications SO 210 | 4 | - |
| Area I Electives (Core) | 3 | 6 |
| Science Electives for B.S. OR | 4 | 4 |
| Foreign Lang Elect for B.A. | 16 | 18 |

School of Social Sciences and Public Affairs

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<td>Social Research SO 311</td>
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<td>Electives: Sociology</td>
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<td>Electives</td>
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<td>16</td>
<td>18</td>
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</tbody>
</table>

| SENIOR YEAR |
| History of Sociology SO 401 | 3 |
| Contemporary Soc Theory SO 402 | 3 |
| Emphasis: General OR Applied | 3 |
| Sociology Electives | 3 |
| Sociology Seminar SO 498 | 2 |
| Upper Division Electives | 5 |
| 14 | 14 |

SO SOCIOLOGY

| Lower Division |
| SO 101 INTRODUCTION TO SOCIOLOGY (3-0-3)(AREA II) | Groups, organizations and societies. Their impact on human behavior. Emphasis is on sociological perspectives, concepts, methods, and applications 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 value consensus in society, the causes and solutions to these problems. The student is challenged to continually reexamine his/her own values in reference to the problems under consideration. |
| SO 121 DATING AND MARRIAGE (3-0-3)(S) | An introductory study and discussion of mate selection, marital relationships and adjustments, parenthesis and related subjects. |
| SO 201 THEORIES OF SOCIETY (3-0-3)(S) | Introduction to the major analytical and interpretative contributions of Sociology towards an understanding of the nature and causes of human behavior in society. PREREQ: SO 101. |
| SO 210 COMPUTER APPLICATIONS IN SOCIAL SCIENCE (3-2-4)(F/S) | The objectives of this course are to develop an understanding of computer applications of social science data and (b) to provide students an experience in the collection and analysis of social data with increased ease via the computer. |
| SO 230 INTRODUCTION TO MULTI-ETHNIC STUDIES (3-0-3)(F/S)(AREA II) | This course views majority and minority relations and confronts, challenges and motivates students to know themselves better and understand some societal problems; viz, racism, prejudice, etc. The course deals with the degree to which ethnic relations involve questions of economic and political power and the distribution of the power. It looks at American society's institutional role in maintaining and perpetuating systematic inequality. |
| SO 290 (CR 290) SOCIAL CONFLICT AND PEACEMAKING (3-0-3)(F). (Cross listed CR 290.) | An introductory survey course covering broadly the kinds of conflict that occur between persons, groups, organizations and societies with attention to why these conflicts arise, a range of peaceful solutions to conflicts using non-violent, non-adversarial methods. The course ranges from inner personal conflict and ends with the international nuclear arms race. This course may be taken for either CR or SO credit but not both. |

| Upper Division |
| SO 305 RACIAL AND CULTURAL MINORITIES (3-0-3)(S) | Comparative study of inter-ethnic relations. Problems and possibilities of genocide, oppression, integration, pluralism and equality. Alternate odd years. PREREQ: SO 101 or P 101 and upper division standing. |
| SO 310 ELEMENTARY SOCIAL STATISTICS (3-2-4)(F) | The application of measurements to social research data. Basic statistical measures, techniques for their application, meaning and use in research. Recommended for majors to be taken in the junior year and followed by SO 311. PREREQ: SO 101, high school algebra. Upper division status. |
| SO 311 SOCIAL RESEARCH (3-0-3)(S) | An introduction to the empirical basis of modern sociological methods of research design and the statistical analysis of social data. PREREQ: SO 101, 310 and upper division status. |
| SO 320 RADICAL SOCIOLOGY (3-0-3)(F) | Analysis of contemporary radical power theory and its application in the study of modern socio-economic problems. This course will examine issues of social importance from the perspective of conflict theory, new-Marxian and Elitist theory. PREREQ: SO 101 and upper division status. Alternate years. |
| SO 325 SOCIOLOGY OF AGING (3-0-3)(F/S) | Analysis of aging as a social process emphasizing the changing roles as a result of the process; the demands made on the individual and society because of the way it defines and deals with age and the problems created for society and for the aged as a result of values, attitudes and beliefs. PREREQ: SO 101 and upper division status. |
School of Social Sciences and Public Affairs

SO 330 SOCIOLOGY OF VIOLENCE (3-0-3)(F). The incidence of one human by another is analyzed in terms of social act that act to produce, alter or discourage acts of violence. The causes of violence may be examined from a sociological perspective. Alternate years.

SO 331 DEVIANT BEHAVIOR (3-0-3)(F). Analysis of behavioral norms of society, the causes of and solutions for these norms, and the role of the deviant or those doing the labeling. Alternate odd years. upper division status.


SO 351 SOCIAL INSTITUTIONS (3-0-3)(F). Comparative sociology: how organizations organize behavior around values. The influence of family, religion, government, etc. on behavior. PREREQ: SO 101, upper division status. Alternate years.

SO 361 SOCIOLOGY OF WORK (3-0-3)(F). The sociology of work examined in historical and contemporary perspectives. PREREQ: SO 101, upper division standing.

SO 362 (CR 362) CONTEMPORARY CORRECTIONAL THEORY AND PRACTICE (3-0-3)(F). (Cross-listed CR 362.) Historical development, processes and methods of operating the adult correctional system. Philosophy and development of treatment strategies to local, state, and federal correctional institutions. This course may be taken for either CR or SO credit but not both.

SO 370 SOCIOLOGY OF LAW (3-0-3)(S). Law enactment, enforcement and adjudication are studied as social acts with social consequences. Theories and practices of legal action are reviewed as emerging from and impacting on the social structure. PREREQ: SO 101 and upper division status. Alternate years.

SO 371 SOCIAL PSYCHOLOGY OF SEX ROLES (3-0-3)(S). This course examines social roles in our own society. Attention will be given to the development of identity and roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy on cultural change. This course may be taken for psychology or sociology credit but not both. PREREQ: P 101, SO 101 and upper division status. Alternate years.

SO 380 POLITICAL SOCIOLOGY (3-0-3)(F). A survey of research literature and theory in Political Sociology, including attitudes, values, power structure, parties and political participation in the U.S. This course will examine the pluralistic nature of society from the sociological perspective. PREREQ: SO 101 and upper division status. Alternate years.

SO 390 CONFLICT MANAGEMENT (3-0-3)(F). Examination of the causes of conflict, conflict management theory and conflict management techniques applied in interpersonal, intergroup, organizational and community settings. Discussion and skill development through experiential learning will focus on such conflict management techniques as interpersonal management, mediation, arbitration, negotiation, and reconciliation. Students may not receive credit for both SO 390 and CM 390. PREREQ: SO 290 or CM 111, upper division standing.

SO 395 THE SOCIOLOGY OF PEACE AND WAR (3-0-3)(F). An examination of complex formal organizations, bureaucracy and human interaction, theory, research and findings are covered. May be taken for Sociology or Political Science credit (PO 487), but not for both. PREREQ: Senior standing. PERM/INST.

SO 401 HISTORY OF SOCIOLOGY (3-0-3)(S). Examination of the intellectual and social currents in Europe from about 1830 to 1900 during which time Sociology was initially recognized as a separate discipline within Social Science. Major insights of sociological writers of this period. PREREQ: SO 101, upper division standing.


SO 403 SOCIAL CHANGE (3-0-3)(F/S). Social factors which generate innovation, influence its acceptance or rejection, and determine its effects on society. Planning, collective behavior, diffusion, conflict and other efforts to create change. PREREQ: SO 101, upper division standing. Alternate years.


SO 410-410G ADVANCED SOCIAL STATISTICS (3-2-4)(F/S). The methods of non-parametric statistics in the analysis of sociological data are examined in depth with application to research. PREREQ: SO 101, SO 310 and upper division status.

SO 411 ADVANCED RESEARCH METHODS (3-0-3)(F). The application of research methods for examination and explanation of social data, causal inference and theory construction. The student will gain experience in designing and completing a research project. PREREQ: SO 101, SO 311, SO 410, and upper division status.
College of Business

Dean: Thomas E. Stitzel, Ph.D.
Associate Dean: Bong Shin, Ph.D.
Director of Graduate Studies: David F. Groebner, Ph.D.
Director of Research & Planning: Ronald R. Slone, MBA
Director of College of Business Student Services Center: Janet M. Centanni, MEd.

The College of Business at Boise State University is comprised of the five academic departments whose programs are described on the following pages and three Centers:

- Center for Management Development: David E. Ripley, Director
- Idaho Business & Economic Development Center: Ronald Hall, Director
- Center for Economic Education: Gerald F. Draayer, Director

The mission of the College of Business is to provide leadership in business and economics in fulfillment of its designation by the State Board of Education for "primary emphasis." In teaching, the College prepares undergraduate and graduate students for management and leadership responsibilities. In research, the College utilizes the resources of the region to extend knowledge of business and management. In service, the College advances the state's economy through research, publications, technical assistance, and non-credit professional development programs directed at Idaho's work force. The mission requires:

1. providing opportunities for individual growth and life-long learning,
2. enhancing students' critical thought processes to prepare them for management and leadership responsibilities (see additional comments below),
3. increasing the quality of teaching and research,
4. contributing to the economic growth and well-being of Idaho and the Northwest through applied research,
5. establishing educational partnerships between the College and other public and private organizations, and
6. responding to new or special needs for research and education.

Students' critical thought processes and management proficiencies are developed through a curriculum which provides significant exposure to arts and sciences core and elective coursework (comprising a minimum of 40 percent of the total degree requirements), a broad foundation of required business core courses, and frequent opportunities to practice computer and written-oral communication skills in advanced courses in the major. The increasingly significant implications of a global economy are stressed throughout the curriculum, and students have extensive opportunities to apply their analytical and problem-solving skills in actual business start-up and operational situations through Small Business Institute projects, consulting opportunities with the College's Idaho Business and Economic Development Center, the Internship Program (see additional descriptions of internships below), and in a number of specific class assignments. As a further enriching dimension, students will encounter numerous leaders in business and management through the College's various speaker programs.

Accreditation

The College of Business' baccalaureate and MBA programs are accredited by the American Assembly of Collegiate Schools of Business (AACSB), the nationally recognized accrediting agency for programs in business administration and management. Approximately one in five business programs, nationwide, have achieved this important recogni-
The College of Business requires admission to upper division standing. Accordingly, AACSB accreditation signifies that Boise State University's business programs have met nationally established standards of quality.

Student Advising

Students are assisted in their selection of appropriate courses and a business major through the joint efforts of the College’s Student Services Center and faculty advisors. Freshman and sophomore students should contact the College of Business Student Services Center Director, Barbara (Bobbie) S. Olson in the business building, room 203 (telephone 208-385-3859).

Student Scholarships

Scholarships are available to students demonstrating ability to achieve excellence in business studies. Approximately $100,000 will be distributed each year among College of Business majors. Students must submit the appropriate applications by March 1. Interested students should contact Student Financial Aid Services at 208-385-1664.

Student Organizations

Beta Alpha Psi, national accounting; Alpha Kappa Psi, national business fraternity; Data Processing Management Association, Association of Data Processing Professionals; Omicron Delta Epsilon, economics; Financial Management Association, finance; Human Resource Association, management; Entrepreneur Club, management; Phi Sigma Epsilon, national marketing fraternity; Delta Epsilon Chi, mid-management and Ad Club, marketing; are some of the campus organizations that offer students a chance to expand their educational opportunities.

In addition, the College of Business has a chapter of Beta Gamma Sigma (BGS), the national scholastic honor society for business students. BGS chapters are chartered only at AACSB accredited business colleges.

Special Requirements and Options

The Bachelor of Business Administration (BBA) degree is available by completing all requirements for that degree as described in the Baccalaureate Degrees section of this Catalog and listed on the following pages under the appropriate major. Additionally, College of Business students may qualify, at their option, for the BA or BS degree by completing the additional Liberal Arts or Science course requirements for those degrees. Faculty advisors should be consulted about these additional requirements.

Transfer of Credits: In general, the College of Business limits 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. Most credits earned in this curriculum may later be applied toward the Bachelor degree. However, 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: Boise area companies and governmental institutions provide exceptional opportunities for students to develop business skills in a “real world” environment. Students’ internship assignments are jointly supervised by company management and BSU College of Business faculty members. Academic credit is awarded and financial compensation is possible.

Upper Division Admission

Administrator: Janet M. Centanni
Business Building, Room 203, Telephone (208) 385-3859

The College of Business requires admission to upper division standing by petition for all business majors. (This excludes the BA degree majors in Economics: Quantitative Emphasis; Social Science Emphasis; and Social Science, Secondary Education.) All business majors are therefore required to meet the following “Minimum Criteria for Upper Division Admission” prior to enrolling in upper division College of Business courses. Business majors enrolling in upper division College of Business courses without upper division standing will be administratively withdrawn.

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 101, 102; Mathematics M 105, 106; Economics EC 201, 202; Accounting AC 205, 206; Legal Environment of Business GB 202; Intro to Information Systems IS 310; Statistics PR 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 at the application semester.
5. Selection of an authorized major.
6. Application with transcript by preregistration week each semester.

Bachelor Degree Programs

NOTE: The student will find under each major the particular course of study to follow. Where the designation “Core Electives” appears, refer to the allowed listing of courses in the Degree Requirements (Core) section of this Catalog. Where the designation “Non-Business Electives” appears, lower or upper division courses are to be chosen in any discipline other than those administered in the College of Business, but must include hours from at least two of the three defined areas: Area I, II, or III. The designation “Free Electives” refers to those hours which may be earned in courses offered by the College of Business or other academic units.

Graduation Requirements: See the Baccalaureate Degrees section of the Catalog for complete listing of these requirements for the BBA, BA, and BS.

All students are cautioned that Upper Division standing is a prerequisite for enrollment in 300 and 400 level courses and that several of the Lower Division courses listed above are specific prerequisites for certain Upper Division Courses in the College of Business.

College of Business Baccalaureate candidates are required to complete the following Upper Division courses prior to GB 450, Business Policies, which is also a required core course:

- Business Communication AS 328
- Principles of Finance FI 303
- Management & Organizational Principles of Production
- Theory MG 301
- Management PR 345
- Principles of Marketing MK 301

The one exception to this requirement is in the BA in Economics program as described in the Catalog.

Accounting Minor

A student pursuing a degree from the College of Business at Boise State University may earn a minor in Accounting by satisfying the requirements listed below in addition to their major requirements.

REQUIRED COURSES:
- Intro Financial Accounting AC 205 ................................... 3
- Intro Managerial Accounting AC 206 .................................. 3
- Principles of Income Taxation AC 302 ............................... 3
- Intern Accounting I AC 304 .............................................. 3
- Intern Accounting II AC 306 ............................................. 3
- Cost Accounting AC 351 .................................................. 3

ELECTIVE COURSES: Any one of the following:
- Anal, Design & Aud Acctg Inform Syst AC 350 ............... 3
- Managerial Accounting AC 352 ................................. 3
- Advanced Income Taxation AC 402 ............................. 3

These courses must be completed with a grade of “C” or better.

Business Minor

Students pursuing a Business Minor are required to register with the Student Services Center in the College of Business.
A student pursuing a non-business major at Boise State University may earn a Business Minor by satisfying the requirements listed below in addition to their major requirements.

- English Composition E 101, 102 ........................................... 6
- Math for Business Decisions M 105, 106 .......................... 8
  The student may substitute the two-semester mathematics sequence which is required in their major field.
- Intro Information Systems IS 310 ................................. 3
  The student may substitute the computer literacy course required in their major field.
- Statistical Techniques for Decision Making I PR 207 ............ 3
  The student may substitute the statistical techniques class required in their major field.
- Prin of Economics-Micro & Macro EC 201, 202 .................. 6
- Intro Financial Accounting AC 205 .................................. 3
- Intro Managerial Accounting AC 206 .............................. 3
- Legal Environment of Business GB 202 ............................ 3

Upon completion of this set of classes, each with a grade of "C" or better, the student must then earn a "C" or better in any three upper division business classes for which the student has the specific prerequisites. At least two subject areas of business must be represented by the three selected classes.

Upper Division Business courses ...................................... 9

**Economics Minor**

Any BSU baccalaureate student may earn a minor in economics by satisfying the requirements listed below in addition to their major requirements.

**REQUIRED COURSES:**
- Prin of Economics-Macro EC 201 ................................. 3
- Prin of Economics-Micro EC 202 .................................... 3
- Intro Microeconomics EC 303 ....................................... 3
- Intro Macroeconomics EC 305 ....................................... 3

**ELECTIVE COURSES:** Any three of the following upper division economics courses:
- Money & Banking EC 301 ........................................... 3
- Public Finance FI 310 ................................................ 3
- History of Economic Thought EC 311 ............................ 3
- Comparative Economic Systems EC 315 .......................... 3
- International Economics EC 317 .................................. 3
- Regional Economics EC 321 ........................................ 3
- Urban Economics EC 322 ............................................ 3
- Radical Economics EC 325 .......................................... 3
- Labor Economics EC 327 ............................................. 3
- Natural Resource Economics EC 333 ............................. 3
- Bus Fluct & Econ Stabilization EC 405 ......................... 3
- U.S. Economic History EC 417 ..................................... 3
- Econometrics EC 421 ................................................ 3
- Econometrics EC 422 ................................................ 3

**International Business Minor**

The International Business Minor will be offered to Business majors who seek more specialized courses in the international arena than are offered currently by the College of Business programs. Non-Business students must also complete requirements for a Business minor to obtain the International Business Minor.

**REQUIRED COURSES:**
- International Transportation MG 344 .................................. 3
- Intro International Business GB 445 .................................. 3
- International Finance FI 430 ......................................... 3
- International Marketing MK 430 .................................... 3
- International Relations PO 231 ...................................... 3

**ONE OF THE FOLLOWING POLITICAL SCIENCE COURSES:**
- Intro Comparative Politics PO 321 .................................. 3
- Politics of Industrialized Nations PO 329 ....................... 3
- Comp Govt & Politics of Develop Nations PO 333 .............. 3

**ONE OF THE FOLLOWING HISTORY COURSES:**
- History of East Asia HY 316 ......................................... 3
- History of South Asia HY 329 .................................... 3
- Modern Latin America HY 368 ................................... 3
- European Diplomatic History HY 423 ............................ 3

**TOTAL** ................................. 24

**Department of Accounting**

Business Building, Room 214  
Telephone (208) 385-3461

**Chairperson and Associate Professor of Accounting:** William C. Lathen;  
**Professor:** Merz;  
**Associate Professors:** Medlin, Nix, Pirrong;  
**Assistant Professors:** Bain, D. English, T. English, Koeppen;  
**Special Lecturers:** Bates, DeMaree, Christensen.

**Degrees Offered**
- BBA, BA, and BS in Accounting

**Department Statement**

The Department of Accounting at Boise State University has nearly 600 undergraduate majors. There are many professional opportunities available for college graduates with an accounting background and the demand for graduates is high.

**Recommended Program**

**ACCOUNTING PROGRAM**

**Bachelor of Business Administration Degree**

**FRESHMAN YEAR**

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<th>Course</th>
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<td>English Composition E 101, 102</td>
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<td>Mathematics M 105, 106 or M 111, 204</td>
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<td>Fund of Speech Communication CM 111</td>
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**SOPHOMORE YEAR**

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<tr>
<th>Course</th>
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<tr>
<td>Intro to Financial Accounting AC 205</td>
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<tr>
<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 Mgmt Information Systems IS 310</td>
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<td>Statistical Techniques I PR 207</td>
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<td>Legal Environment of Business GB 202</td>
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<td>Core Elective (Area III)</td>
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<td>Non-Business Electives</td>
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<td><strong>TOTAL</strong></td>
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College of Business

JUNIOR YEAR
Intermediate Accounting I, II AC 304, 306 ........................ 3 -
Cost Accounting AC 351 ............................................. 3 -
Anal, Design & Audit of Acctg Info Systems AC 350 ........ 3 -
Intermediate Microeconomics EC 303 .............................. 3 -
Business Communication AS 328 ................................ 3 -
Management & Organizational Theory MG 301 ............... 3 -
Principles of Production Management PR 345 ................. 3 -
Non-Business Electives ............................................. 3 -
TOTAL .......................................................... 15  15

SENIOR YEAR
Prin of Income Taxation AC 302 .................................... 3 -
Organizational Behavior MG 401 .................................... 3 -
Business Policies GB 450 ............................................. 3 -
Advanced Income Taxation AC 402 .............................. 3 -
Auditing AC 405 ....................................................... 3 -
Accounting Theory AC 440 ........................................... 3 -
Principles of Marketing MK 301 .................................... 3 -
Principles of Finance FI 303 ......................................... 3 -
General Electives .................................................... 4 - 3
TOTAL .......................................................... 16 15

5TH YEAR*
Commercial Law GB 302 .............................................. 3 -
Accounting Electives .................................................. 6 -
TOTAL .......................................................... 9 -

TOTAL CREDITS REQUIRED FOR MAJOR .......................... 134

*We urge that you do not try to "fit" your entire accounting degree program into a 4 year sequence, unless you attend one or more summer sessions.

Core Courses: The following courses (or permission of the instructor) are prerequisites for all Upper Division Accounting courses: AC 205, 206; E 101, 102; EC 201, 202; PR 207; IS 310; plus M 106 or M 204.

All accounting majors should plan to take an appropriate professional examination during or immediately following their last semester. Accordingly, students should anticipate 200-300 hours of intensive study for that examination. (This is the equivalent of 6-9 credit hours.)

ACCOUNTING MINOR

A student pursuing a degree from the College of Business at Boise State University may earn a minor in Accounting by satisfying the requirements listed below in addition to their major requirements.

REQUIRED COURSES:
Intro Financial Accounting AC 205 ................................. 3 -
Intro Managerial Accounting AC 206 .............................. 3 -
Prin of Income Taxation AC 302 .................................... 3 -
Intro Accounting I AC 304 .......................................... 3 -
Intro Accounting II AC 306 ......................................... 3 -
Cost Accounting AC 351 ............................................. 3 -

ELECTIVE COURSES: Any one of the following courses:
Anal, Design & Aud Acctg Inform Syst AC 350 ............... 3 -
Managerial Accounting AC 352 .................................... 3 -
Advanced Income Taxation AC 402 .............................. 3 -

These courses must be completed with a grade of "C" or better.

Course Offerings
See page 20 for definition of course numbering system

AC ACCOUNTING

Lower Division
AC 205 INTRODUCTION TO FINANCIAL ACCOUNTING (3-0-3). Introduction to contemporary Financial Accounting in the business world. The emphasis is on obtaining an understanding of how financial statements are prepared and used. Includes the basic terminology, a theoretical framework and the double entry accounting system.

AC 206 INTRODUCTION TO MANAGERIAL ACCOUNTING (3-0-3). Introduction to contemporary Managerial Accounting. Study of manufacturing accounting is emphasized. Introduction to the analysis of financial information with tools such as capital budgeting, inventory measurement and control, and the impact of taxes on decision making. PREREQ: AC 205.

Upper Division
AC 302 PRINCIPLES OF INCOME TAXATION (3-0-3)(FS). Theory and application of Federal income taxes to individuals, including an introduction to F.I.C.A., unemployment taxes, and state income taxes. Degree credit not allowed for both AC 320 and AC 302. PREREQ: AC 206.

AC 304 INTERMEDIATE ACCOUNTING I (3-0-3)(FS). Course includes problems of valuation and presentation of assets, liabilities and proprietorship items. Analytical accounting problems and preparation of work sheets, financial statements and development of special reports are discussed. Future and present value concepts, current assets and inventories are included. A basic competency in Lotus 1-2-3 is also learned. PREREQ: AC 206

AC 306 INTERMEDIATE ACCOUNTING II (3-0-3)(FS). Continuation of AC 304. Operational, fixed and intangible assets are covered. Also covered are: accounting for stockholders' equity, accounting changes, long-term investments in equity securities and price level changes. PREREQ: AC 304.

AC 320 TAX FACTORS IN BUSINESS DECISIONS (3-0-3). Introduction to impact of federal income taxes on business operating and financing decisions. Degree credit not allowed for both AC 320 and AC 401. Offered when possible. PREREQ: AC 206.

AC 350 ANALYSIS, DESIGN, AND AUDIT OF ACCOUNTING INFORMATION SYSTEMS (3-0-3)(FS). This course provides a study of alternative accounting information systems. The primary focus of this course is on the analysis, design, and audit of computerized accounting information systems. There is a heavy emphasis on student projects that are designed into a system to prevent and detect errors. PREREQ: AC 304, PERM/INST.

AC 351 COST ACCOUNTING (3-0-3)(FS). Theory of cost accounting and cost control; including job order, process, direct and indirect costs, budgeting and break-even analyses. Emphasis on cost determination as a tool of management and production control. PREREQ: AC 206.

AC 352 MANAGERIAL ACCOUNTING (3-0-3)(FS). Development and use of accounting information in management planning, control, and decision processes. Topics include operations and capital budgeting, computer applications, and analytical methods such as gross profit, break-even, and incremental cost analysis. PREREQ: AC 351.


AC 405 AUDITING (3-0-3)(FS). Study of scope and purpose of the accountant as an independent auditor. Topics include professional ethics; legal responsibilities; role of the SEC; approach to an audit report. PREREQ: AC 306.

AC 406 AUDITING — SPECIAL PROBLEMS (3-0-3)(FS). This course is reserved for in-depth study of particular problems in auditing. The topics change to cope with the dynamic nature of the profession. PREREQ: AC 405 or PERM/INST.

AC 440-440G ACCOUNTING THEORY (3-0-3)(FS). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination, and the measurement process in accounting. May be taken for graduate credit. PREREQ: AC 306.

AC 450 DATA PROCESSING FOR THE ACCOUNTANT (3-0-3). A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer is used as the problem solving tool. Offered when possible. PREREQ: AC 405.

AC 460 NOT-FOR-PROFIT ACCOUNTING (3-0-3)(FS). Topics taught in this course include principles of accounting and financial reporting for not-for-profit organizations; fund and fiduciary accounting; budgetary procedures; financial statement analysis. PREREQ: AC 304 or PERM/INST.

AC 470 ADVANCED ACCOUNTING (3-0-3)(FS). Topics covered in this course include partnership organization, business combinations and consolidated financial statements, International accounting standards. PREREQ: AC 306.

AC 482 CPA PROBLEMS (6-0-6)(S). In depth consideration of the more complex 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, PERM/INST.

Department of Computer Information Systems & Production Management

Business Building, Room 308 Telephone (208) 385-1181

Chairperson and Associate Professor: Gary I. Green; Professors: Breder, Clark, Groebner, LaCava, Shannon; Associate Professors: Gallup, Masson, Minch, Warberg, G. Wojtkowski; Assistant Professors: Capell, Fry, W. Wojtkowski.

Degrees Offered
- BBA, BA, and BS in Computer Information Systems
- BBA, BA, and BS in Production and Operations Management

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Department Statement
There are many professional opportunities available with the interest in college graduates with background in our programs. This demand continues to grow with the interest in the utilization of information technology and production management to increase organizational productivity.

Recommended Programs

**COMPUTER INFORMATION SYSTEMS MAJOR**
Bachelor of Business Administration Degree

The Computer Information Systems program provides thorough education in computing and general business, along with a broad background in the arts and sciences. A basic intent of the program is to prepare students for employment in business and government organizations as business applications programmers, information center analysts, and system analysts. This program provides a balance between the technological, human, and organizational aspects of business information systems.

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<thead>
<tr>
<th>Semester</th>
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<tbody>
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<tr>
<td>Principles of Economics EC 201, 202</td>
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<tr>
<td>Cost Accounting AC 351</td>
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<td>Management &amp; Organizational Theory MG 301</td>
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<td>Systems Analysis and Design IS 320</td>
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<td>Principles of Production Management PR 345</td>
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<td>Business Ethics &amp; Soc Respon GB 360</td>
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<td>Manufacturing Systems PR 408</td>
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<td>Information Resource Management IS 490</td>
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<td>Business Policies GB 450</td>
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*International Business Electives include a choice of three classes: EC 315 Comparative Economics, or EC 317 International Economics, or GB 445 International Business.

**PRODUCTION AND OPERATIONS MANAGEMENT**
Bachelor of Business Administration

Graduates will be in demand to help increase productivity in a competitive global marketplace. The Production and Operations Management major is designed to aid students in developing skills in using quantitative techniques for managing and solving production problems.

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<th>Semester</th>
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**College of Business**

<table>
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<tr>
<th>Course Offerings</th>
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<tr>
<td>See page 20 for definition of course numbering system</td>
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**IS COMPUTER INFORMATION SYSTEMS**

**Lower Division**

<table>
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<th>Course</th>
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<tr>
<td>IS 101 COMPUTER APPLICATIONS (3-0-3/FS)</td>
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**Upper Division**

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<th>Course</th>
<th>Credits</th>
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<tr>
<td>IS 310 INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS (3-0-3/FS)</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
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**IS 101 COMPUTER APPLICATIONS (3-0-3/FS)** Application of computing for both microcomputers and mainframe are discussed. Particular attention is devoted to problem solving with computers through hands-on experience. Students will learn to use some of the most commonly used software for word processing, spreadsheets, database systems, communications and graphics. This course is appropriate for members of the community and for students from any discipline wishing to gain familiarity with computers.

**IS 217 END USER COMPUTING (3-0-3/FS)** Addresses very high level languages such as "fourth generation languages" for business applications. Emphasis is on rapid development, incremental design, and prototyping "live" systems. Hands-on use of very high level languages for homework and projects will be included. PREREQ: IS 101.

**IS 221 INTRODUCTION TO BUSINESS APPLICATIONS PROGRAMMING (COBOL) (3-0-3/FS)** Development of business applications in COBOL with structured programming concepts. Emphasis is on structured program design, documentation, testing, and implementation issues. PREREQ: IS 101.
College of Business

IS 320 SYSTEMS ANALYSIS AND DESIGN (3-0-3)(F,S). Utilization of methods for working with users to analyze and develop business applications. The life cycle of development, project management, process of interface with users, documentation, database interface, and productivity tools will be discussed. PREREQ: Upper Division Business standing, IS 217, and IS 221.

IS 361 BUSINESS APPLICATIONS PROGRAMMING (COBOL) (3-0-3)(S). Processing techniques and development of programs and systems for batch and interactive environments using features including sequential files, random access files, input editing, and advanced topics. PREREQ: Upper Division Business standing, and IS 221.

IS 380 TELECOMMUNICATIONS (3-0-3)(F). Discussion of telecommunications technology and managerial issues in a business environment. Topics include basic concepts of data communication, related hardware and software technology, standards and protocols, local and wide area networks, network management, common carrier services, and emerging trends. Emphasis is on basic concepts, applications, and telecommunications management rather than details of hardware and software technology. PREREQ: Upper Division Business standing.

IS 430 ADVANCED SYSTEMS DEVELOPMENT (3-0-3)(S). Use of computer-aided software development technologies including CASE, fourth generation languages, and other development tools to facilitate systems development and implementation. PREREQ: Upper Division Business standing, and IS 320.

IS 455 DECISION SUPPORT SYSTEMS (3-0-3)(F). Topics will include the decision-making process, fundamentals of decision support systems technology, and related systems. Students will be expected to develop an application that supports managerial decision making. PREREQ: Upper Division Business standing and IS 320.

IS 490 INFORMATION RESOURCE MANAGEMENT (3-0-3)(S). A capstone course covering the management of the information systems function. Topics include the technical, operational, developmental and support functions, acquisitions and management of resources, organizational structure, human resource issues, enterprise computing, ethical and legal issues, and emerging technologies. PREREQ: Upper Division Business Standing, IS 317, and IS 320.

IS 493 INTERNSHIP (Variable Credit)(F,S). Field learning in an MIS environment under supervision of both a manager and professor. PREREQ: Upper Division Business standing, and IS 320 (or concurrent enrollment).

PR OPERATIONS AND OPERATIONS MANAGEMENT

Lower Division

PR 207 STATISTICAL TECHNIQUES FOR DECISION MAKING I (3-0-3)(F,S). Designed to provide an understanding and working knowledge of the concepts and techniques pertaining to basic descriptive and inferential statistics. Business applications of such statistical concepts as the Binomial and normal distributions, interval estimates, and hypothesis testing are covered. PREREQ: M 106 or equivalent.

PR 208 STATISTICAL TECHNIQUES FOR DECISION MAKING II (3-0-3)(F,S). This course provides extensions to basic statistical inference with an emphasis on using the techniques for business decision making. Topics covered include analysis of variance, simple and multiple linear regression, forecasting, and nonparametric statistics. Established computer software is used, when appropriate, to assist in the learning process. PREREQ: PR 207.

Upper Division

PR 345 PRINCIPLES OF PRODUCTION MANAGEMENT (3-0-3)(F,S). Management of the production function: analysis, design, planning and control of production processes, plant location, design and layout, scheduling, time and motion study, quality control, material acquisition, and systems theory. Quantitative techniques are considered. PREREQ: PR 207.

PR 366 MANAGEMENT SCIENCE MODELS (3-0-3)(F,S). Management science/operations research tools are presented with an emphasis on applications and the tools assist a decision maker. Typical topics covered include linear programming, network planning models, basic inventory control, waiting line management, and decision making under uncertainty. PREREQ: MG 301, PR 345.

PR 380 QUALITY CONTROL TECHNIQUES (3-0-3)(S). This course focuses on quality control techniques currently used in manufacturing and service industries. The course considers efforts to improve an organization's products/service from conception through customer usage through the use of techniques such as process control charts, variable and attribute sampling, total quality control, quality circles and Pareto analysis. U.S. and foreign companies that have been successful in implementing quality control systems are also considered. PREREQ: PR 345.

PR 408 MANUFACTURING SYSTEMS (3-0-3)(F). This course extends the topics offered in the survey Principles of Production course. Course will further develop the concepts and theory behind manufacturing resource management, including the master schedule, bill of materials, and inventory record systems. Other major topics include Just-in-Time manufacturing, computer-aided manufacturing, flexible manufacturing systems, and techniques used by international competitors. PREREQ: MG 301, PR 345.

PR 409 MANAGEMENT OF SERVICE OPERATIONS (3-0-3)(S). The course applies the principles of production management to service operations. The problems associated with service operations will be considered and contrasted to those of production systems. Special demands for organization and control will be reviewed as well as the identification of elements of success. The case method will be used extensively. PREREQ: MG 301, PR 345.

PR 416 PURCHASING AND DISTRIBUTION SYSTEMS (3-0-3)(F). This course introduces concepts associated with purchasing and distribution in manufacturing and service systems. Typical purchasing topics will include supplier selection, legal and ethical considerations, order size and timing. Typical distribution topics will include transportation modeling, carrier selection, materials handling, and flow analysis. PREREQ: MG 301, PR 345.

Department of Economics

Business Building, Room 311 Telephone (208) 385-3351
Chairperson and Associate Professor: Charles L. Skoro; Professors: Lichtenstein, Payne, Reynolds; Associate Professors: Draayer, Twilight; Assistant Professors: Loucks, Talbot.

Degrees Offered

- BA in Economics, Quantitative Emphasis
- BA in Economics, Social Science Emphasis
- BA in Economics, Social Science, Secondary Education
- BBA in Economics

Department Statement

Economics has been called "a study of mankind in the ordinary business of life." Economists study the means by which people and societies decide what sort of goods and services to produce, how they allocate resources to see that such production is carried out, and how they divide the income created in the process. Accordingly, economics courses deal with national economic health and the behavior of industries and individual firms as well as the decisions made by individuals in households and families. Over the years the body of theories and methods developed by economists has become an indispensable tool in household and business decision-making and in the formation of public policy.

Students who plan to enter the job market immediately after college find their degree useful in obtaining jobs in management and other areas where training in systematic thinking and competence in empirical analysis are prized. Economists Ryan Amacher and Holly Ulbrich noted that:

Undergraduate economics majors are recruited by business firms in all size ranges, from small, local companies to the very largest multinational corporations. An economics degree prepares students to compete with students from marketing, management, and finance as well as with students that have liberal arts majors, such as history and political science. (Principles of Microeconomics 3rd Edition. Cincinnati: Southwestern, 1986, p. 566)

Many students who major in economics are planning to attend graduate school. A major in economics is excellent preparation for law school, for MBA programs, or for graduate work in economics or other social sciences. Students planning on a career in teaching will also find a major in economics to be an excellent asset to bring into the job market.

BSU offers three paths to a degree in economics—a Bachelor of Arts, a Bachelor of Business Administration, and a Bachelor of Arts with a secondary education option. Those interested in a Bachelor of Arts degree in economics design a program which looks much like other programs in the College of Arts and Sciences or School of Social Sciences and Public Affairs. They choose to pursue, along with their work in economics, a program of study that concentrates in either social sciences or natural sciences and mathematics. Students wanting more of a business emphasis follow a program leading to a Bachelor of Business Administration degree which includes, aside from the work in economics, all of the upper- and lower-division core courses required of other College of Business students. Students planning to enter secondary school teaching may choose to pursue a Bachelor of Arts degree with a secondary education option. These students do considerable work in economics along with concentrated work in two other social sciences and teaching methods.

The economics department has a long tradition of excellent scholarship and teaching. Faculty are consistently rated among the best teachers on campus and have been so for years. They are also known and respected by other economists throughout the region.
### Degree Requirements

**ECONOMICS MAJOR SOCIAL SCIENCE EMPHASIS**
Bachelor of Arts Degree

1. **TOTAL Requirements**
   General University and Major Requirements ............................................. 128

2. **LOWER DIVISION COURSES (Total)** .................................................. 54
   - English Composition E 101, 102 or E 111, 112 ................................. 6
   - Literature (Area I Core) .............................................................. 3
   - Introduction to Philosophy PY 101 ................................................... 3
   - *Other Arts and Humanities (Area I) Core Courses* ............................ 6
   - Principles of Economics EC 201, 202 or EC 201H, 202H ........................ 6
   - History of Western Civilization HY 101, 102 or Problems of Western Civilization HY 201, 202 ................................. 6
   - Social Science (Area II) Core other than HY or EC ............................ 3
   - Math M 105, 106 or M 111, 204 ..................................................... 8
   - Natural Science (Area III Core) ...................................................... 4
   - Intro Financial Accounting AC 205 .................................................. 3
   - Intro to Information Systems IS 310 ................................................. 3
   - Statistical Techniques PR 207 .......................................................... 3

3. **UPPER DIVISION COURSES (Total)** ................................................ 42
   - Intermediate Microeconomics EC 303 ................................................ 3
   - Intermediate Macroeconomics EC 305 ................................................ 3
   - History of Economic Thought EC 311 ................................................. 3
   - Econometrics EC 421, 422 ............................................................... 6
   - Economics Electives ............................................................................ 12
   - **Upper-division social science electives** ....................................... 15

4. **ELECTIVES ** *Lower or Upper Division* ............................................ 3
   *Must include at least one Area I field other than literature or philosophy.
   *Selected from philosophy, political science, sociology, anthropology, geography, or history.
   *Among these courses must be at least 6 credits in Arts and Humanities (Area I) or Non-economics Social Sciences (Area II). These courses need not be chosen from the list of core courses. They may be either lower or upper division.

*Those students considering or planning on graduate study in economics should complete a calculus sequence (M 204-206 or M 211, 212) and Linear Algebra (M 301).*

### Recommended Program

**FRESHMAN YEAR**
- **SEM**
  - English Composition E 101, 102 or E 111, 112 .................. 3
  - Math M 105, 106 or M 111, 204 ................................. 4-5
  - History HY 101, 102 or 201, 202 ................................. 3
  - Philosophy PY 101 .............................................................. 3
  - Area I Core (third field) .................................................... 3
  - Electives .................................................................................. 3
- **TOTAL** 16-17

**SOPHOMORE YEAR**
- **SEM**
  - Prin Economics EC 201, 202 or EC 201H, 202H . 3
  - Area I Core (Literature) .......................................................... 3
  - Area III Core (Science) .......................................................... 3
  - Intro Information Systems IS 310 ............................................. 3
  - Intro Financial Accounting AC 205 ........................................... 3
  - Area II Core (except EC or HY) .............................................. 3
  - Area I and II Electives ........................................................... 3
- **TOTAL** 15

**JUNIOR YEAR**
- **SEM**
  - Intermediate Microeconomics EC 303 .................................... 3
  - Intermediate Macroeconomics EC 305 .................................... 3
  - History of Economic Thought EC 311 ...................................... 3
  - Economics Electives ............................................................... 6
  - Upper Division Social Science ................................................. 3
  - Electives ................................................................................. 6
- **TOTAL** 15

**SENIOR YEAR**
- **SEM**
  - Econometrics EC 421, 422 ...................................................... 3
  - Upper Division Social Science .................................................. 3
  - Economics Electives ............................................................... 3
  - Electives ................................................................................. 6
- **TOTAL** 15-16

*Must include at least one Area I field other than literature or philosophy.
*Among these courses must be at least 6 credits in Arts and Humanities (Area I) or Non-economics Social Sciences (Area II). These courses need not be chosen from the list of core courses. They may be either lower or upper division.

**Recommended Program**

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<td>Electives</td>
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| **SOPHOMORE YEAR** | **SEM** | **SEM** |
| Prin Economics EC 201, 202 or EC 201H, 202H | 3 | 3 |
| Area I Core (Literature) | 3 | 3 |
| Area III Core (Science) | 3 | 3 |
| Intro Information Systems IS 310 | 3 | 3 |
| Intro Financial Accounting AC 205 | 3 | 3 |
| Area II Core (except EC or HY) | 3 | 3 |
| Area I and II Electives | 3 | 3 |
| **TOTAL** | 15 | 15 |

| **JUNIOR YEAR** | **SEM** |
| Intermed Microeconomics EC 303 | 3 |
| Intermed Macroeconomics EC 305 | 3 |
| History of Economic Thought EC 311 | 3 |
| Economics Electives | 6 |
| Upper Division Math or Production Management | 3 |
| Area I or II Elective | 3 |
| **TOTAL** | 16 | 15-16 |

| **SENIOR YEAR** | **SEM** |
| Econometrics EC 421, 422 | 3 |
| Economics Electives | 3 |
| Upper Division Math or Production Management | 3 |
| Area I or II Elective | 3 |
| **TOTAL** | 18 | 15-16 |
The Social Science, Secondary Education Emphasis degree programs are cooperative, interdisciplinary programs involving the Departments of Economics; History; Political Science; and Sociology, Anthropology, and Criminal Justice. Each of these departments provides a major emphasis with the Social Science, Secondary Emphasis. The following requirements apply for students choosing this emphasis.

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

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

1. **TOTAL Requirements**
   General University and Major Requirements .................................. 128

2. **LOWER DIVISION COURSES (Total) ........................................ 52
   English Composition E 101, 102 or E 111, 112 .......................... 6
   Literature (Area I Core) ....................................................... 3
   Principles of Economics EC 201, 202 or EC 201H, 202H ................ 6
   U.S. History (Area II Core) HY 151, 152 .................................. 6
   American National Government PO 101 ........................................ 3
   Mathematics for Business Decisions M 105, 106 .......................... 8
   Natural Science (Area III Core) ............................................... 4
   Intro Secondary Teach: Classroom Observation TE 172 .................... 2
   Foundations of Education TE 201 (Sophomore Year) ....................... 3
   Intro Financial Accounting AC 205 .......................................... 3

3. **UPPER DIVISION COURSES (Total):**
   Intermediate Microeconomics EC 303 ........................................ 3
   Intermediate Macroeconomics EC 305 ........................................ 3
   Economics Electives ............................................................. 18
   Educational Psychology P 220 ................................................ 3
   Reading in the Content Subjects TE 407 .................................... 3
   Educational Technology TE 356 .............................................. 2
   Educating Exceptional Students TE 333 .................................... 3
   Secondary School Methods TE 381 .......................................... 3
   Secondary School Social Studies Methods TE 385 ......................... 3
   Senior High School Student Teaching TE 485 ................................ 10

4. **ELECTIVES Lower or Upper Division**
   First Teaching Minor ......................................................... 15
   Second Teaching Minor .......................................................... 15

*Must include two Area I fields other than literature.

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

**ECONOMICS—SOCIAL SCIENCE**

**SECONDARY EDUCATION EMPHASIS**

**Bachelor of Arts Degree**

The Social Science, Secondary Education Emphasis degree programs are cooperative, interdisciplinary programs involving the Departments of Economics; History; Political Science; and Sociology, Anthropology, and Criminal Justice. Each of these departments provides a major emphasis with the Social Science, Secondary Emphasis. The following requirements apply for students choosing this emphasis.

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

1. **TOTAL Requirements**
   General University and Major Requirements .................................. 128

2. **LOWER DIVISION COURSES (Total) ........................................ 54 or 55
   English Composition E 101, 102 or E 111, 112 .......................... 6
   Other Arts and Humanities (Area I Core) .................................. 6
   Principles of Economics EC 201, 202 or EC 201H, 202H ................ 6
   Non-Economics Social Science (Area II Core) ................................ 8 or 9
   Math M 105, 106 or M 111, 204 .............................................. 8 or 9
   Natural Science (Area III Core) ............................................ 4
   Intro Financial Accounting AC 205 .......................................... 6

3. **UPPER DIVISION COURSES (Total) ........................................ 48
   Intermediate Microeconomics EC 303 ........................................ 3
   Intermediate Macroeconomics EC 305 ........................................ 3
   History of Economic Thought EC 311 ........................................ 3
   Econometrics EC 421, 422 ..................................................... 6
   Economics Electives ............................................................. 12
   Business Communications AS 328 ........................................... 3
   Principles of Management MG 301 ........................................... 3
   Principles of Marketing MK 301 .............................................. 3
   Principles of Finance FI 303 ................................................... 3
   Principles of Production Management PR 345 .............................. 3
   Organizational Behavior MG 401 .............................................. 3
   Business Policies GB 450 ..................................................... 3

4. **ELECTIVES Lower or Upper Division (Total) ............................. 25 or 26
   *Non-Business Electives ....................................................... 16
   Free Electives ................................................................. 9 or 10

*Must include courses from at least two of the following: Area I (Arts and Humanities), Area II (Social Sciences), or Area III (Natural Sciences and Mathematics) although the selections need not be made from the list of University core courses.

*Those students considering or planning on graduate study in economics should complete a calculus sequence (M 204-206 or M 211, 212) and Linear Algebra (M 301).*

**Recommended Program**

**FRESHMAN YEAR**

**1st SEM**

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<tr>
<th>Course</th>
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<td>Area II Core (Non-Economics)</td>
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**2nd SEM**

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<tbody>
<tr>
<td>Area I Core</td>
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<tr>
<td>Area II Core (Non-Economics)</td>
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<tr>
<td><em>Non-Business Electives (Area I, II, III)</em></td>
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**TOTAL** 16-17 16-17

**SOPHOMORE YEAR**

**1st SEM**

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<th>Course</th>
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<td>Prin of Economics EC 201, 202 or EC 201H, 202H</td>
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<td>Area III Core (Science)</td>
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<td>Intro to Managerial Accounting AC 205</td>
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<td>Intro to Financial Accounting AC 205</td>
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<td>Legal Environment of Business GB 202</td>
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<td>Statistics PR 207, 208</td>
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<td>Intro Information Systems IS 310</td>
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**2nd SEM**

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<th>Course</th>
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<td><em>Non-Business Elective (Area I, II, III)</em></td>
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**TOTAL** 15 16

**JUNIOR YEAR**

**1st SEM**

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<td>Intermediate Macroeconomics EC 305</td>
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<tr>
<td>History of Economic Thought EC 311</td>
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<tr>
<td>Management and Organizational Theory MG 301</td>
<td>3</td>
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<tr>
<td>Prin Finance FI 303</td>
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<td>Prin Marketing MK 301</td>
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<td>Business Communication AS 328</td>
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<tr>
<td>Prin Production Management PR 345</td>
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<td><em>Non-Business Electives (Area I, II, III)</em></td>
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**TOTAL** 15 16

**2nd SEM**

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<tr>
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<td>Organizational Behavior MG 401</td>
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<td>Business Policies GB 450</td>
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**TOTAL** 16-17 17-18

**SENIOR YEAR**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td><strong>ECONOMICS MINOR</strong>&lt;br&gt;Any BSU baccalaureate student may earn a minor in economics by satisfying the requirements listed below in addition to their major requirements.&lt;br&gt;<strong>REQUISITED COURSES:</strong>&lt;br&gt;Principles of Economics-Micro EC 201</td>
<td>3</td>
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<td>Principles of Economics-Macro EC 202</td>
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**TOTAL** 16-17 16-18
Course Offerings

See page 20 for definition of course numbering system

EC ECONOMICS

Lower Division

EC 201 PRINCIPLES OF ECONOMICS (3-0-3)(AREA I). 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. PREREQ: EC 201, 202.

EC 202 PRINCIPLES OF ECONOMICS-MICRO (3-0-3)(AREA II). An introduction to microeconomic analysis covering supply and demand, the basic market structures, the operation of the price system, and the distribution of income. Provides an introduction to some applied areas of economics such as international, regional, the public sector, and economic development. PREREQ: EC 201, 202.

EC 210 CONTEMPORARY ECONOMIC PROBLEMS (3-0-3)(F/S). A one semester introduction to economics centered around selected contemporary economic problems. Principles are introduced to help analyze problems and point out alternative solutions. (Not allowed as part of the economics major requirements. Not allowed for credit to those students who have taken EC 201 and EC 202.) PREREQ: none.

Upper Division

EC 301 MONEY AND BANKING (3-0-3). Analysis of the role of money, credit and the financial system in the U.S. economy through the 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, 202.

EC 303 INTERMEDIATE MICROECONOMICS (3-0-3). An analysis of the price mechanism and its role in resource allocation, output composition, and income distribution. Topics include consumer choice and demand, theories of production and cost, and the economic performance of various market structures. The usefulness of price theory in the analysis of social problems and managerial decisions is stressed. PREREQ: EC 202.

EC 305 INTERMEDIATE MACROECONOMICS (3-0-3). Analysis of the determinants of the level of national income, employment, productivity and the price level. Analysis of the effects of economic policy instruments and decisions on aggregate economic performance goals. PREREQ: EC 201.

EC 310 (PO 310) PUBLIC FINANCE (3-0-3). A study of the role and impact of government on the functioning of the free enterprise economic system. The theory and rationale of government spending, taxing, and indebtedness will be examined. The effects of government activity on allocation of resources and distribution of income. Attention will be paid to state and local problems. PREREQ: EC 201, 202, or PERM/INST.

EC 311 HISTORY OF ECONOMIC THOUGHT (3-0-3). An introduction to the development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. PREREQ: EC 201, 202.

EC 315 COMPARATIVE ECONOMIC SYSTEMS (3-0-3). A comparative study of the goals and methods of various economic systems such as capitalism, socialism and communism. The study will be approached from both a theoretical and practical point of view. PREREQ: EC 201 or PERM/INST.


EC 321 REGIONAL ECONOMICS (3-0-3). 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 ECONOMIC HISTORY OF THE UNITED STATES (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 the effects of proposed solutions. PREREQ: EC 201, 202 or PERM/INST.

EC 323 RADICAL ECONOMICS (3-0-3). Analysis of radical political-economic thought and its applications to the study of socioeconomic problems. Topics include Marxist socialist economic theory, libertarianism, anarchism, theory, evolutionary economic theory, and other radical models. Issues such as imperialism, economic and social inequality and alienation will be considered. PREREQ: Upper division or PERM/INST.

EC 327 LABOR ECONOMICS (3-0-3). Characteristics and structure of the U.S. labor force are examined and labor markets are analyzed to emphasize the microeconomic 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 333 NATURAL RESOURCE ECONOMICS (3-0-3). The theoretical and policy issues associated with the use of natural resources are addressed, including property rights issues which arise when considering collective goods, externalities and common property resources. Tools used in the design and evaluation of resource management policies such as benefit/cost analysis, are covered. PREREQ: EC 201.


EC 417 U.S. ECONOMIC HISTORY (3-0-3). Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. PREREQ: EC 201, 202 or PERM/INST. Alternate years.

EC 421-422, 421G-422G ECONOMETRICS (3-0-3). Application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. PREREQ: M 106 or equivalent and PR 207, 208. May be taken for graduate credit. EC 421G-Fall; EC 422G-Spring. (EC 421 is PREREQ for EC 422.)

Department of Management

Business Building, Room 313
Telephone (208) 385-1313
Chairperson and Associate Professor: Dr. Nancy K. Napier; Professors: Bigelow, Shin, Wines, Wilterding; Associate Professors: Bixby, Glen, Waldorf; Assistant Professors: Furman, Gough, Kaupins.

Degrees Offered

- BBA, BA, and BS in General Business Management
- BBA, BA, and BS in Management, Entrepreneurial Emphasis
- BBA, BA, and BS in Management, Human Resource Management Emphasis
- BBA, BA, and BS in Management, Transportation Emphasis

Department Statement

The goal of the Management Department is to graduate individuals who have acquired competency in management skills and the qualities of an educated person.

The Department of Management offers two majors (General Business Management and Management) and one minor (International Business).

The General Business Management major provides a broad-based curriculum. Students majoring in General Business receive a background in a variety of business areas. The major is designed for students who do not wish to specialize in any single area of business.

Emphasis is placed on the development of logical thinking and the use of technical tools directed at recognizing and solving problems which occur in the business community.

A major in General Business Management is especially appropriate for those who desire to enter the management trainee programs offered by a great number of business corporations from the fast food industry to public utilities and financial institutions.

The Management major provides as fine a management education program for students as might be achieved anywhere in the country. This
These are:

**Entrepreneurial Management option** prepares those who wish to start their own business or perhaps work in a family-owned business. An entrepreneur is defined as one who organizes and directs a business undertaking assuming the risks for the sake of the profits. This option is a degree definitely designed to encourage the motivated self-starter. In a small to medium-sized business, the entrepreneur may assume many job titles and duties to enhance the possibility of a successful business venture.

**Human Resource Management option** prepares those who wish to be involved with the employee-employer relationship. The curriculum provides a solid foundation for those interested in the personnel process of a business and the administration and operation of a company's programs as they apply to employees.

**Transportation Management option** is designed for those who wish to be involved in one of the several areas available in the transportation industry: (1) air; (2) motor freight; (3) commuter bus; and (4) the railroads.

The department also offers a minor in International Business: International Business minor provides exposure to issues of concern for those who may manage in a multicultural work force. The minor blends courses from three disciplines—business, political science and history—to provide a broader perspective for students operating in a global economy. Students may, for example, eventually work in the import-export field, or manage overseas subsidiaries of multinational firms.

### Recommended Programs

**GENERAL BUSINESS MANAGEMENT MAJOR**  
Bachelor of Business Administration Degree

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
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<tbody>
<tr>
<td>English Composition E 101, 102</td>
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<td>Fundamentals of Speech Comm (Area II) CM 111</td>
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<tr>
<td>General Psychology (Area II) P 101</td>
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<tr>
<td>Mathematics (Area III) M 105, 106 or M 111, 204</td>
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<td>Electives (Area I)</td>
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**SOPHOMORE YEAR**

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**JUNIOR YEAR**

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<td>Management &amp; Organizational Theory MG 301</td>
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<tr>
<td>Commercial Law GB 302</td>
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<td>Principles of Finance FI 303</td>
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<td>Economics Elective EC 303, 305, 321, 322 or 327</td>
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<tr>
<td>Working Capital Management I FI 410</td>
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<tr>
<td>Principles of Production Management PR 345</td>
<td>3</td>
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<tr>
<td>Business Communications AS 328</td>
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<td>Business Ethics &amp; Social Responsibility GB 360</td>
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**SENIOR YEAR**

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<td>Government and Business GB 441</td>
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<td>Organizational Behavior MG 401</td>
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<td>Management of Technology MG 405</td>
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<td>Employee and Labor Relations MC 340</td>
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### Bachelor of Business Administration

**GENERAL BUSINESS MANAGEMENT MAJOR**  
Bachelor of Business Administration Degree

**FRESHMAN YEAR**

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<td>Technical Writing E 202</td>
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<td>Working Capital Management I FI 410</td>
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College of Business

International Marketing MK 430 ........................................ 3
International Relations PO 231 ........................................ 3

ONE OF THE FOLLOWING POLITICAL SCIENCE COURSES:
Intro Comparative Politics PO 321 ......................................... 3
Politics of Industrialized Nations PO 329 .................................. 3
Comp Govt & Politics of Develop Nations PO 333 ......................... 3

ONE OF THE FOLLOWING HISTORY COURSES:
History of East Asia HY 316 ............................................... 3
History of South Asia HY 329 ................................................ 3
Modern Latin America HY 368 .............................................. 3
European Diplomatic History HY 423 ........................................ 3
TOTAL ........................................................................... 24

Course Offerings
See page 20 for definition of course numbering system.

AV AVIATION MANAGEMENT

Lower Division

AV 101 INTRODUCTION TO AERONAUTICS (3-0-3). Survey of basic aerodynamics, meteorology, navigation and Federal Aviation Agency regulations. An orientation of the historical development of aviation and the development of scientific 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/F). Study of weather, navigation, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. PREREQ: Private pilot certificate.
AV 205 INTRODUCTION TO AVIATION MANAGEMENT (3-0-3/F). 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 351 AIRLINE AND AIR CARGO MANAGEMENT (3-0-3/F). 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 450 SEMINAR IN AIR TRANSPORTATION (3-0-3/F). Selected readings and topics on current issues in the air transportation industry. It is an in-depth review of past, present and future roles of involvement representing all sectors of the industry.

GB GENERAL BUSINESS

Lower Division

GB 101 INTRODUCTION TO BUSINESS (3-0-3). Designed to acquaint the student with the many phases of business. An introduction to the business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on the internal legal environment of a business organization. Not recommended for four year business majors. Juniors and Seniors with declared business majors excluded.

GB 202 THE LEGAL ENVIRONMENT OF BUSINESS (3-0-3). Emphasis will be on both the external and internal legal environment of a business organization. Topics include the nature and function of the legal process, administrative regulations, the interaction of business with the judicial, legislative, and executive branches of government, and the legal responsibilities of business. Freshmen excluded.

Upper Division

GB 302 COMMERCIAL LAW (3-0-3). This course provides an in-depth study of the legal principles relating to commercial transactions. Special emphasis will be placed on the following areas of law: agency, contracts, sales, commercial paper, secured transactions, and bankruptcy. PREREQ: GB 202.

GB 325 PRINCIPLES OF TRANSPORTATION (3-0-3/F). 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 350 LOGISTICS THEORY (3-0-3/F). This course discusses Management's responsibility for the movement of raw materials and finished products, including traffic management, plant location, materials handling, distribution warehousing, inventory control, and production scheduling.

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

GB 371 TRANSPORTATION LAW (3-0-3/F). This course will provide a coverage of the legal issues involved in the field of transportation such as jurisdiction, carrier responsibility, and current regulation in a de-regulated environment.
Department of Marketing and Finance

Business Building, Room 306  Telephone (208) 385-3356
Chairperson and Associate Professor: Earl Naumann; Professors: Cornwell, Frankle, Lincoln, McCain, Manship; Associate Professor: Lane; Assistant Professors: Barney, Maher, Schooley, Scott, Ray, White.

Degrees Offered
- AS in Marketing-Mid-Management
- BBA, BA, and BS in Finance
- BBA, BA, and BS in Marketing

Recommended Programs

FINANCE MAJOR
Bachelor of Business Administration Degree

The Finance curriculum is designed with major emphasis in three areas of finance: corporate finance, investment and portfolio management, and financial institutions and markets. The student can select a general program or may concentrate course selection around the broad areas of finance. The course offerings are preparation for financial decision making utilizing accounting and market information within a framework of economic theory. A major in the area of finance prepares students to deal with a wide range of financial situations, including those which concern businesses, financial institutions, individuals, and government.

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<td>Core Electives (Area I, II, III)</td>
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<td><strong>TOTALS</strong></td>
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SOPHOMORE YEAR

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Principles of Economics EC 201, 202</td>
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<tr>
<td>Intro to Financial Accounting AC 205</td>
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<td>Intro to Managerial Accounting AC 206</td>
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<td>Intro to Information Systems IS 310</td>
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<td>Statistical Techniques I, II PR 207, 208</td>
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JUNIOR YEAR

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Principles of Marketing MK 301</td>
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<tr>
<td>Management &amp; Organizational Theory MG 301</td>
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<td>Principles of Finance FI 303</td>
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<tr>
<td>Intermediate Microeconomics EC 303</td>
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<td>Money and Banking EC 301</td>
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<td>Working Capital Management FI 410</td>
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<td>Major Elective 1 (UD Accounting Course)</td>
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<td>Principles of Production Management PR 345</td>
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<td>Business Communication AS 328</td>
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SENIOR YEAR

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Management of Financial Institutions FI 420</td>
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<tr>
<td>Frontiers in Financial Markets FI 451</td>
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<tr>
<td>Investment Management FI 450</td>
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<td>Organizational Behavior MG 401</td>
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<td>Capital Budgeting &amp; Planning FI 411</td>
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<tr>
<td>Business Policies GB 450</td>
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<tr>
<td>Decision Processes in Banking FI 421</td>
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<td>*Major Elective</td>
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<td>Non-Business Electives (Area I, II, III)</td>
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<td><strong>TOTALS</strong></td>
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*Major elective in Accounting, Economics, Real Estate or Finance, advisor approval required.
The marketing curriculum is designed to provide students with a comprehensive background in marketing while still providing flexibility to adapt to individual and career goals. Therefore, the major requirements allow a student the ability to choose from an array of courses. The course work stresses pragmatic applications of marketing concepts through cooperative programs with the local business community. The marketing program is designed to prepare students for a variety of career positions including industrial sales, advertising, marketing research, and other marketing positions.

**FRESHMAN YEAR**

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<thead>
<tr>
<th>Course</th>
<th>1st SEM</th>
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<tbody>
<tr>
<td>English Composition (Core) E 101, 102</td>
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<td><em>General Psychology (Area II)</em> P 101</td>
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<tr>
<td>Mathematics (Area III) M 105, 106 or M 111, 204</td>
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<td>Electives (Area I)</td>
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<td><em>Fund of Speech Comm (Area II)</em> CM 111</td>
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**SOPHOMORE YEAR**

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<td>Introduction to Managerial Accounting AC 206</td>
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<td>Principles of Economics (Area II)* EC 201, 202</td>
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<tr>
<td>Introduction to Information Systems IS 310</td>
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<td>Physical or Biological Science Electives (Area III)</td>
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<td>Statistical Techniques I, II PR 207, 208</td>
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**JUNIOR YEAR**

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<tbody>
<tr>
<td>Principles of Marketing MK 301</td>
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<tr>
<td>Intermediate Microeconomics EC 303</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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<tr>
<td>Consumer Behavior MK 307</td>
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<td>Marketing Electives</td>
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<td><strong>Electives</strong></td>
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<tr>
<td>Intermediate Marketing Management MK 320</td>
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<td>Principles of Production Management PR 345</td>
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<tr>
<td>Business Communication AS 328</td>
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<td><strong>TOTALS</strong></td>
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**SENIOR YEAR**

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<tr>
<td>Organizational Behavior MG 401</td>
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<td>Advanced Marketing Management MK 425</td>
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<td>Marketing Electives</td>
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<td>Business Policies GB 450</td>
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<tr>
<td>Marketing Research MK 415</td>
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<td><strong>Electives</strong></td>
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<tr>
<td>Economics Electives (Upper Division)</td>
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<td><strong>TOTALS</strong></td>
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*Counts as the 6 hours of Area II requirement other than Economics.

**At least 16 hours of electives must be outside of the College of Business. The 16 hours must include hours from at least 2 of the 3 defined Areas I, II, and III.

**MARKETING—MID-MANAGEMENT MAJOR**

**Associate of Science**

The Marketing—Mid-Management program is a two-year program leading to the Associate of Science degree. Students develop skills in sales, management, communication, and computer science, as well as other general academic areas. Instruction is given in basic business orientation, selling and management technique, economics, foundations of mid-management in retail, merchandising, buying, and selling. Supervised work experience in cooperation with local businesses is part of the program. Students work for cooperating firms as part-time paid employees during their college training and are able to earn a good part of their expenses while building a background of valuable experience in the distributive occupations. Many trainee positions as assistant managers, store buyers, department heads, and junior executives are available for students with two years of university training.

**FRESHMAN YEAR**

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<th>Course</th>
<th>1st SEM</th>
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<tr>
<td>English Composition E 101, 102</td>
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<td>Introduction to Business GB 101</td>
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<td><strong>TOTALS</strong></td>
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**Sophomore Year**

**Introduction to Financial Accounting AC 205**

**Introduction to Managerial Accounting AC 206**

**Principles of Economics (Area II) EC 201, 202**

**Legal Environment of Business GB 202**

**Introduction to Information Systems IS 310**

**Physical or Biological Science Electives (Area III)**

**Statistical Techniques I, II PR 207, 208**

**Principles of Finance FI 303**

**Consumer Behavior MK 307**

**Marketing Electives**

**Intermediate Marketing Management MK 320**

**Principles of Production Management PR 345**

**Business Communication AS 328**

**TOTALS**

**16 16**

**Junior Year**

**Principles of Marketing MK 301**

**Intermediate Microeconomics EC 303**

**Management & Organizational Theory MG 301**

**Principles of Finance FI 303**

**Consumer Behavior MK 307**

**Marketing Electives**

**Intermediate Marketing Management MK 320**

**Principles of Production Management PR 345**

**Business Communication AS 328**

**TOTALS**

**18 15**

**Senior Year**

**Organizational Behavior MG 401**

**Advanced Marketing Management MK 425**

**Marketing Electives**

**Business Policies GB 450**

**Marketing Research MK 415**

**Economics Electives (Upper Division)**

**TOTALS**

**17 15**
College of Business

FI 420-420G MANAGEMENT OF FINANCIAL INSTITUTIONS (3-0-3(F)). (Formerly FI 417, Management of Financial Institutions.) The interaction between financial institutions and financial markets are examined and their roles in the economy are discussed. Emphasis is placed on the changes taking place within the financial community and the effects on financial institutions in general and commercial banking in particular. PREREQ: Upper Division Standing, FI 303, EC 301.

FI 421-421G DECISION PROCESSES IN BANKING (3-0-3(S)). The topics included in this course are those which involve the specific decision making areas faced by participants in the banking industry. These decision areas include the management of liquidity reserves and securities portfolios, consumer, business, and real estate loans, liability control, asset-liability management, trust banking and international banking. PREREQ: Upper Division Standing, FI 420.

FI 430 INTERNATIONAL FINANCE (3-0-3(F)). This course builds a strong foundation on the relationship among international financial markets. Included is exchange rate determination and parity conditions across countries. Once the foundation is built, the multinational firm is examined in this framework. Included is working capital budgeting and cost of capital for the multinational firm. PREREQ: Upper Division Standing and FI 303.

FI 450-450G INVESTMENT MANAGEMENT (3-0-3(F)). This course examines the U.S. Securities markets from both a theoretical and a practical viewpoint. Topics include: mechanics of direct investment, measurement and management of risk and return, the Efficient Market Hypothesis, Modern Portfolio Theory, the Capital Asset Pricing Model, and analysis of investment lecturers. PREREQ: Upper Division Standing and FI 303 or FI 420.

FI 451-451G FRONTIERS IN FINANCIAL MARKETS (3-0-3(S)). This course focuses on the recent and past innovations in the securities markets. Futures contracts and options, and the theory of hedging using both agricultural and financial futures contracts, options writing, and index options are stressed. A combination of theory and practice will be sought relying on lecture, text material, journal and trade articles, and guest speakers. PREREQ: Upper Division Standing, FI 450.

FI 498-499 SENIOR SEMINAR IN FINANCE (3-0-3(F/S)). Designed to provide an opportunity for study of a particular area of finance at an advanced level. Builds background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of their timely interest to finance students and a particular expertise of the instructor.

MK MARKETING

MK 301 PRINCIPLES OF MARKETING (3-0-3(F)). Describes the methods of identifying and interpreting wants and needs of people; selecting the particular wants and needs the organization will satisfy; determining the product, price, promotion, and place in a proper mix. PREREQ: Junior standing.

MK 306 PROMOTION MANAGEMENT (3-0-3(F/S)). A comprehensive approach to creating and implementing advertising and promotional activities. New issues of consumer research are emphasized and integrated with the promotional mix. The economic and social criticisms of advertising are stressed to insure that managers are aware of the ethical responsibilities inherent in the job. PREREQ: MK 301.

MK 307 CONSUMER BEHAVIOR (3-0-3(F/S)). Theories of behavior related to purchasing and consumption of goods or services. Individual as well as group reaction in social science research is evaluated. PREREQ: MK 301.

MK 320 INTERMEDIATE MARKETING MANAGEMENT (3-0-3(F/S)). Marketing principles and theories integrated with analytical and behavioral decision processes. Emphasis on problem and opportunity recognition, marketing strategies, planning and administering marketing programs. Consumer, industrial, institutional, and international markets are considered. PREREQ: MK 301.

MK 415-415G MARKETING RESEARCH (3-0-3(F/S)). Theory and use of research for marketing decisions. Provides experience in planning, designing and implementing research activities. PREREQ: DS 200 and MK 301.

MK 416 APPLIED MARKETING RESEARCH (3-0-3(F/S)). An application of research concepts through the design, implementation, and completion of an actual research project. Advanced discussion of research design and statistical analysis will be conducted. PREREQ: MK 415.

MK 421 SALES ADMINISTRATION (3-0-3(F/S)). Management and integration of sales organizations emphasizing recruiting, selection, training, supervision, compensation of salesmen. Stress also placed on coordination with other functional managers, ethics and social responsibilities of the sales manager. PREREQ: MK 301.

MK 425 ADVANCED MARKETING MANAGEMENT (3-0-3(F/S)). Case and "real world" study of marketing problems. Emphasis on problem definition, recognition of alternative solutions, decision criteria, and defense of a "best" solution. PREREQ: MK 320 and MK 415.

MK 430 INTERNATIONAL MARKETING (3-0-3(F/S)). An analysis of the creation, planning, and implementation of marketing strategies that cross national and cultural borders. PREREQ: MK 301.

MK 440 INDUSTRIAL MARKETING (3-0-3(F/S)). An analysis of activities related to the marketing of products and services to organizations including government agencies, profit and non-profit institutions, and commercial enterprises. PREREQ: MK 301.

MK 498 SEMINAR IN CONTEMPORARY TOPICS IN MARKETING. Providing an opportunity for study of topics of current interest in marketing. The topics will be selected based upon the interest of students and expertise of faculty.

MM MARKETING—MID-MANAGEMENT

Lower Division

MM 100 MID-MANAGEMENT (2-0-2(F)). For students enrolled in the mid-management program. Student may earn 2 semester hours credit for a maximum of four semesters. This provides actual experience in retail, wholesale, or service field as a paid employee. Student is evaluated by both the employer and the program coordinator.

MM 101 SALESMANSHIP (3-0-3(F/S)). A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler and manufacturer establishments, analysis of customer behavior and motivation; methods of creating customer attention, interest, desire and action. Special emphasis is given to ethical sales techniques.

MM 105 ELEMENTS OF MANAGEMENT (3-0-3(F/S)). Principles of management related to the functions of planning, organizing, staffing, directing, and controlling. Production is not considered. Mid-Management Majors only.

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

MM 203 PRINCIPLES OF ADVERTISING (3-0-3(F/S)). Objectives and policies of sales promotion, study of the media, and regulation of advertising. Coordination of display, selling and other merchandising factors. Study of copy, illustrations, layout and display.

MM 204 RETAIL MERCHANDISING (3-0-3(F/S)). Merchandise planning and control, expenses and cost reduction, purchasing for resale, pricing of goods, retail control systems. Mid-management majors only.

MM 209 REPORT WRITING (3-0-3(F/S)). 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.

MM 250 INTRODUCTION TO MICROCOMPUTER APPLICATIONS IN RETAILING (3-0-3(S)). Applications in the retail field including basic operation, spreadsheets, and database applications.

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.

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 involved include: mechanics of direct investment, measurement and management of risk and return, the Efficient Market Hypothesis, Modern Portfolio Theory, the Capital Asset Pricing Model, and analysis of investment lecturers. PREREQ: DS 200 and MK 301.

RE 300 REAL ESTATE INVESTMENT AND TAXATION (3-0-3(F/S)). Real estate from the investor's (owner's) point of view with special attention to the tax aspects including Risk and Return Analysis, Property Leverage, Discounted Cash Flow, Tax Consequence of Sales, Exchanging, Multiples Exchanges, and Computerized Investment Analysis. PREREQ: RE 201, 220 and FI 303.

RE 360 REAL ESTATE FINANCE (3-0-3(F/S)). Financial analysis and examination of the intricacies of the real estate mortgage markets, source of mortgage funds, federal government and mortgage markets, lending decisions, management of loan portfolios, leasing, construction financing, creative financing, and financing of specific types of real property. PREREQ: RE 201 and FI 303.

RE 371 APPRAISAL OF INCOME PROPERTIES (3-0-3(F/S)). Following a review of the steps leading to the estimation of net income, all prevalent methods and techniques of converting net income into an indication of value are fully covered. Direct capitalization, the residual techniques, and capitalization rates are analyzed. PREREQ: RE 201, 331.