PHILOSOPHY

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

OBJECTIVES

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

2. To offer undergraduate programs in Engineering, Forestry, and Wildlife Management.

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

THE COLD-DRILL

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

WESTERN WRITERS SERIES

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

PERFORMANCES, EXHIBITIONS, WORKSHOPS

Membership in the various groups and organizations engaged in extracurricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements. Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and inter-collegiate offerings.
DEPARTMENT OF ART

Chairman and Professor: Dr. Louis A. Peck; Professors: Huff, Killmaster, Kober, Skov, Takehara; Associate Professors: Douglas, Heap, Ochi, Oravez, Roberts, Russell, Watia; Assistant Professors: Benson, Blankenship, Copeland, Culley, Proctor, Taye, Taylor; Instructor: Hoopes.

**ART MAJOR**

**Lower Division — All Degrees**  
(Suggested Program)

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Design</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Drawing</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Elementary Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Lettering</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>History (Area II)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16-18</td>
<td>16-18</td>
</tr>
</tbody>
</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Social Science (Area II)</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Lab Science or Mathematics (Area III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

**II. Art Education**

Freshman year (See General Art Freshman Year)

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II)</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Introduction to Music or Drama (Area I)</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Lab Science or Mathematics (Area III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

**III. Advertising Design**

Freshman year (See General Art Freshman Year)

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Drawing</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Intermediate Painting</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Advertising Design</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Social Science (Area II)</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Lab Science or Mathematics (Area II)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

**I. General Art — Bachelor of Arts Degree**

1. General University and Basic Core Requirements

2. Major Requirements

---

**II. Advertising Design — Bachelor of Arts Program**

2. Major Requirements

---

**III. General Art — Bachelor of Fine Arts Degree**

1. General University and Core Requirements

2. Major Requirements

---
b) Major Emphasis
A total of 20** credit hours in any art field will constitute the major requirements and a total of 14 credit hours in a second art area will constitute the minor emphasis.

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

128*

II. Art Education — Bachelor of Fine Arts

1. General University and Core Requirements 32
2. a) Art Major Requirements
   Painting .......................................................... 8
   Drawing .......................................................... 8
   Art History ....................................................... 9
   Watercolor ......................................................... 4
   Design .............................................................. 8
   Printmaking ......................................................... 2
   Sculpture .......................................................... 2
   Ceramics ............................................................ 2
   Crafts ............................................................... 2
   Lettering ......................................................... 2
   Senior Seminar .................................................. 3

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

3. Education Requirements for Qualification Toward State Certification
   Audio-Visual Aids (Optional) .................................... 2
   Foundations of Education ....................................... 3
   Secondary School Methods ...................................... 3
   Educational Psychology .......................................... 3
   Art Methods in Secondary Schools ............................. 3
   Elementary School Art Methods ............................... 3
   Secondary School Teaching ..................................... 6

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

   128*

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

Advertising Design Emphasis

1. General University and Core Requirements 32
2. Art Major Requirements
   Advertising Design ............................................. 10
   Drawing .......................................................... 8
   Watercolor ......................................................... 4
   Design .............................................................. 6
   Sculpture, Ceramics, Art Metals or Weaving ................ 4
   Lettering/Lettering and Layout ............................... 4
   Art History ....................................................... 12
   Creative Photography .......................................... 2
   Printmaking ....................................................... 2
   Advertising Illustration ...................................... 6
   Senior Seminar .................................................. 3

   3. Professional Electives ........................................ 27

   128*

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

**A total of 6 credits. 2 of each in drawing, painting, and design, may be applied to the 20
hour major requirement in the areas of watercolor, ceramics, sculpture, printmaking,
crafts, and photography.

PRE-ARCHITECTURAL PROGRAM

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

Art Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 103</td>
<td>Introduction to Art</td>
<td>3</td>
</tr>
<tr>
<td>AR 105-106</td>
<td>Basic Design</td>
<td>6</td>
</tr>
<tr>
<td>AR 111-112</td>
<td>Drawing</td>
<td>4</td>
</tr>
<tr>
<td>AR 297</td>
<td>Spec. Topics: Design &amp; The Creative Process</td>
<td>2</td>
</tr>
</tbody>
</table>

SCHOOL OF ARTS & SCIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 131</td>
<td>Interior Decorating</td>
<td>2</td>
</tr>
<tr>
<td>AR 297</td>
<td>Spec. Topics: Architectural Graphic</td>
<td>2</td>
</tr>
<tr>
<td>AR 217</td>
<td>Watercolor</td>
<td>2</td>
</tr>
</tbody>
</table>

Engineering Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101</td>
<td>Technical Drawing</td>
<td>2</td>
</tr>
<tr>
<td>EN 104</td>
<td>Digital Computer Program</td>
<td>2</td>
</tr>
</tbody>
</table>

English Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E101-102</td>
<td>English Composition</td>
<td>2</td>
</tr>
</tbody>
</table>

Math Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-111</td>
<td>Algebra &amp; Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>M-112</td>
<td>Calculus and Analytical Geometry</td>
<td>2</td>
</tr>
</tbody>
</table>

Physics Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S101-102</td>
<td>General Physics</td>
<td>2</td>
</tr>
</tbody>
</table>

Physical Education Requirements may be necessary.

COURSE OFFERINGS

AR ART

The Art Department reserves the right to withhold selected student work for the Permanent Collections. Certain art courses are subject to 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

101 Survey of Western Art (3 credits). A historical survey of painting, sculpture, and architecture from Prehistoric art through the Middle Ages. Fall semester.

102 Survey of Western Art II (3 credits). A historical survey of painting, sculpture and architecture from the Renaissance to the present. Spring semester.

103 Introduction to Art (3 credits). A one-semester course designed to acquaint the general college student with the aesthetics of painting, sculpture, architecture, and related art forms. Either semester.

105 Basic Design (3 credits). A two or three dimensional theoretical and applied study of the basic design elements underlying all art areas. Two lecture hours and two studio hours per week. Each semester.

106 Basic Design (3 credits). A continued exploration of either two or three-dimensional design elements. Emphasis on the theoretical and applied study of the structural organization underlying two or three-dimensional art forms. Two lecture hours per week. Advisable to take AR 105 prior to AR 106. Either semester.

107 Lettering (2 credits). A study of lettering techniques and various alphabetical forms, emphasis upon modern styles, spacing and layout. Four studio hours per week. Either semester.

108 Lettering and Layout (2 credits). A study of lettering techniques and various alphabetical forms, emphasis upon modern styles, spacing and layout. Four studio hours per week. Either semester.

111 Drawing (2 credits). A study of line, chiaroscuro, space, volume, and perspective. Utilizing a variety of media; still life, landscape, plant, animal and other subject matter may be used. Four studio hours per week. Limited enrollment spring semester. Either semester.

112 Drawing (2 credits). 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. Four studio hours per week. Prerequisite: AR 111. Either semester.

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

114 Painting (2 credits). 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. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Limited enrollment fall semester. Either semester.

115 Landscape Painting (3 credits). Various styles and techniques in landscape painting in oil, watercolor, and related media. Field trips. Six studio hours per week (semester basis). First summer session.

116 Landscape Painting (3 credits). (Description same as AR 115 above). Second summer session.

123 Crafts (3 credits). 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 stitching, enameling, macrame, simple ceramic work, shoe making 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. Four studio hours per week. Either semester.
211 Anatomy (2 credits). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Four studio hours per week.

204 Advertising Design (2 credits). Advanced work in various techniques employed in design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture. Two hours lecture, one-half-hour demonstration per week. Either semester.

209 Introduction to Printmaking (2 credits). A course designed to acquaint the student with methods of reproducing creative work in woodcut, lithography, and intaglio. Advisable to have some experience in drawing and design. Four studio hours per week. Each semester.

211 Anatomy (2 credits). A structural and aesthetic approach to drawing the nude, emphasizing bone, muscle, and surface anatomy of the figure. Four studio hours per week. Model fee. Prerequisites: AR 111 and AR 112. Either semester.

212 Life Drawing (2 credits). Further study from the model with increased emphasis on anatomy, expressive drawing, and composition. Four studio hours per week. Model fee. Prerequisite: AR 211. Either semester.

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

217 Painting-Watercolor (2 credits). Major emphasis will be in the use of transparent watercolor. Work can be outdoors from nature as well as studio work. Four studio hours per week. Fall semester.

218 Painting-Watercolor (2 credits). Introduction to experimental techniques in the use of opaque waterbase media. Work will be carried on in drawing, painting, and alla prima. Four studio hours per week. Admissible to take AR 217 prior to AR 218. Spring semester.

219 Figure Painting (2 credits). Painting from models with an emphasis on the representational approach; study of form, color, and composition as they relate to the human figure. Four studio hours per week. Admissible to take AR 114 and AR 112 prior to AR 219. May be repeated once for credit. Model fee.

221 Art Metals (2 credits). 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. Four studio hours per week. Advisable to take AR 105-106 prior to AR 221. Fall semester.

222 Art Metals (2 credits). Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized. Four studio hours per week. Admissible to take AR 105, 106, and 221 prior to AR 222. Spring semester.

225 Ceramics (2 credits). An introduction to ceramics technique and material. Molding, hand building, decoration, glazing and firing will be given. Enrollment is limited. Four studio hours per week. (Admissible to take AR 105 and AR 106 prior to AR 225.) Fall semester.

226 Ceramics (2 credits). Beginning the use of the potter's wheel, molding, casting and constructing. Four studio hours per week. (Admissible to take AR 105 and AR 106 prior to AR 226.) Spring semester.

231 Sculpture (2 credits). Work in a variety of three dimensional material, with emphasis on the techniques of carving, modeling and casting. Four studio hours per week. Admissible to take AR 105 or 106 prior to AR 231. Fall semester.

232 Sculpture (2 credits). Continued work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling, and casting. Four studio hours per week. Admissible to take AR 231 prior to AR 232. Spring semester.

231 Introduction to Creative Photography (2 credits). An aesthetic approach to the basic photographic skills of camera operation, film development, and enlargement of negatives. All work in black and white. Two hours lecture and two laboratories work hour per week. Adjustable camera required. Either semester.

UPPER DIVISION

301 Nineteenth Century Art History (3 credits). A study of important artists and movements in the period from neoclassicism to postimpressionism. Fall semester.

302 History of Twentieth Century Movement in Art (3 credits). An analysis of important European artistic movements up to World War II, including Fauvism, German Expressionism, Cubism, Futurism, Constructivism, Dada and Surrealism. Spring semester.

303 Studio in Advertising Design (3 credits). Advanced study of the design and preparation of art for reproduction. Techniques and studio practices. Six studio hours per week. Advisable to take AR 203 and 204 prior to AR 302. May be repeated once for credit. Either semester.

308 Studio in Visual Design (3 credits). Advanced studio experience of two-dimensional or three-dimensional design, continuing with problems in line, form, color, texture, and space. Six studio hours per week. Advisable to take AR 105 and 106 prior to AR 305. May be repeated for credit. Either semester.

309 Studio in Printmaking (3 credits). Advanced printmaking in any of the following specialized areas, each of which may be repeated once for credit: intaglio, lithography, serigraphy, and relief printing.

311 Advanced Drawing (3 credits). Structural, interpretive, or compositional study from the model or other subject matter, based on individual interests. Six studio hours per week. Model fee. Prerequisite: AR 212. May be repeated once for credit. Either semester.

315 Studio in Painting (3 credits). Creative work in representational or nonrepresentational areas in any media. Six studio hours per week. Prerequisite: AR 215. May be repeated once for credit. Either semester.

317 Painting-Watercolor (3 credits). Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Admissible to take AR 217 and AR 218 prior to AR 317. Fall semester.

318 Painting-Watercolor (3 credits). Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Admissible to take AR 317 prior to AR 318. Spring semester.

319 Figure Painting (3 credits). Painting from models in realistic or semiabstract style based on individual interests. Six studio hours per week. Model fee. Prerequisite: AR 219. Individual instruction status. May be repeated for credit.

321 Studio in Ceramics (3 credits). Advanced 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. Six studio hours per week. Admissible to take AR 225 and 226 prior to AR 225. Individual instruction will be given. May be repeated once for credit. Either semester.

323 Studio in Sculpture (3 credits). Advanced study in the materials and methods of the sculptor with emphasis upon welded steel and metal casting. Six studio hours per week. Admissible to take AR 231 and 232 prior to AR 231. May be repeated once for credit. Either semester.

324 Studio in Creative Photography (3 credits). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Two studio hours and four studio hours per week. Adjustable camera required. Advisable to take AR 231 prior to AR 234. May be repeated for credit. Either semester.

325 Studio in Creative Photography, Color Printing (3 credits). Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Two studio hours and four studio hours per week. Adjustable camera required. Prerequisite: AR 251 or permission of instructor. May be repeated for credit. Either semester.

326 Studio in Creative Photography, Color Slides (3 credits). Advanced study emphasizing the photographic 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. Two lecture hours and four studio hours per week. Adjustable camera required. May be repeated for credit. Prerequisite: AR 251 or permission of instructor. Either semester.

327 Studio in Active Illustration (3 credits). 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. Six studio hours per week. Admissible to take AR 203 and AR 204 prior to AR 381. Either semester. May be repeated for credit.

328 Studio in Interior Design (3 credits). Advanced study emphasizing the areas: woodcut, lithography, intaglio, and serigraphy. Six studio hours per week. May be repeated for credit. Either semester.

411 Drawing Studio (3 credits). Individual problems in drawing. Six studio hours per week. Model fee. Prerequisite: AR 311. May be repeated for credit. Either semester.

415 Studio in Painting (3 credits). Individual problems in painting in any media. Students will participate in one-person senior show projects. Six studio hours per week. Prerequisite: AR 315. May be repeated for credit.

417 Studio in Painting-Watercolor (3 credits). Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 417. May be repeated for credit. Either semester.

421 Studio in Metals (3 credits). Continued study in materials and methods (advanced) of jewelry-making and metal smithing as they apply to the creative artist and teacher. Prerequisite: AR 221, 222, 305. May be repeated for credit. Either semester.

425 Studio in Ceramics (3 credits). 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. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 425. Individual instruction will be given. May be repeated for credit. Either semester.

431 Studio in Sculpture (3 credits). Continued study in the materials and methods of the sculptor with emphasis upon welded steel and casting. Six studio hours per week. Advisable to take two semesters of AR 331 prior to AR 431. May be repeated for credit.

441 Studio in Creative Photography (3 credits). Individual problems in black and white photography. Two hours lecture and four studio hours per week. Prerequisite: AR 341. May be repeated for credit. Either semester.

488 Senior Seminar (3 credits). Required reading, and written and oral reports, relative to the senior art majors, area of interest within the visual arts. Either semester.
DEPARTMENT OF BIOLOGY

Chairman and Associate Professor: Dr. Russell J. Centanni; Professors: Baker, Fritchman, Fuller, Jones; Associate Professors: Kelley, McCluskey, Papenfuss, Rachert, Wicklow; Howard Wyllie; Assistant Professors: Long, Yensen.

REQUIREMENTS FOR BIOLOGY MAJOR

I. Bachelor of Science Option
   1. General University and Baccalaureate Degree Requirements. See pages 25-27.
   2. Major Requirements
      A. Biology
         1. Biology Core
         2. Physiology — one course
         3. Morphology — one course
         4. Natural History — one course
         5. Biology — Microorganisms — One course
         6. Biology Electives to total 45 credits
      B. Chemistry
         1. College Chemistry (C-131, 132, 133, 134)
         2. Organic Chemistry
      C. Mathematics
         1. Mathematics
         2. Recommended Electives
            1. Introduction to Biophysics
            2. Earth Science
            3. Chemistry
            4. Area I & II Electives

II. Secondary Education Option
   Major Endorsement
   Credit Hours
   English Composition
   Area I Requirements
   Area II Requirements
   Chemistry Requirements
   College Chemistry
   Organic Chemistry
   Mathematics
   Major Endorsement Courses
   General Botany
   General Zoology
   Cell Biology
   Biology Seminar
   Genetics
   Microbiology
   Physiology (BT-401 or Z-409 recommended)

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

SCHOOL OF ARTS & SCIENCE

RECOMMENDED ELECTIVES

Ecology
Entomology
Invertebrate Zoology
Systematic Botany
Vertebrate Natural History
Science Methods

BIOLOGY MAJOR
Bachelor of Science
(Suggested Program)

FRESHMAN YEAR:
English Composition
College Chemistry
Mathematics

SOPHOMORE YEAR:
Cell Biology
Organic Chemistry
Biology Elective
Area I Electives
Area II Electives

JUNIOR YEAR:
Area I/II Electives
Biology Electives
Other Electives

SENIOR YEAR:
Biology Seminar
Biology Electives
Other Electives

RECOMMENDED ELECTIVES

Ecology
Entomology
Invertebrate Zoology
Systematic Botany
Vertebrate Natural History

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

FRESHMAN YEAR:
English Composition
College Chemistry
Mathematics

SOPHOMORE YEAR:
Cell Biology
Organic Chemistry
Foundations of Education
General Psychology
Area I Electives
Area II Electives
Biology Electives

RECOMMENDED ELECTIVES

Ecology
Entomology
Invertebrate Zoology
Systematic Botany
Vertebrate Natural History

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

FRESHMAN YEAR:
English Composition
College Chemistry
Mathematics

SOPHOMORE YEAR:
Cell Biology
Organic Chemistry
Foundations of Education
General Psychology
Area I Electives
Area II Electives
Biology Electives

RECOMMENDED ELECTIVES

Ecology
Entomology
Invertebrate Zoology
Systematic Botany
Vertebrate Natural History

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

FRESHMAN YEAR:
English Composition
College Chemistry
Mathematics

SOPHOMORE YEAR:
Cell Biology
Organic Chemistry
Foundations of Education
General Psychology
Area I Electives
Area II Electives
Biology Electives

RECOMMENDED ELECTIVES

Ecology
Entomology
Invertebrate Zoology
Systematic Botany
Vertebrate Natural History

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

FRESHMAN YEAR:
English Composition
College Chemistry
Mathematics

SOPHOMORE YEAR:
Cell Biology
Organic Chemistry
Foundations of Education
General Psychology
Area I Electives
Area II Electives
Biology Electives

RECOMMENDED ELECTIVES

Ecology
Entomology
Invertebrate Zoology
Systematic Botany
Vertebrate Natural History
### UPPER DIVISION

303 General Bacteriology (5 credits). A general survey of the field of bacteriology, designed for students in the general science courses and as a foundation for advanced work in the subject. Three lectures and two 3-hour laboratory periods a week. Prerequisite: Prior or concurrent enrollment in B-225 and Organic Chemistry. Fall semester.

305 Teaching Science in the Secondary School (3 credits). 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. The implications of this understanding as they relate to secondary school science teaching are explored in depth in terms of methodology, objectives, and evaluation. Special emphasis is placed on problems of communicating scientific ideas, effective modes of instruction and evaluation, and curricular materials for secondary school science teaching. Spring semester, alternate years. (Course is co-listed as GS 305 and 306).

310 Pathogenic Bacteriology (4 credits). A course emphasizing host-parasite relationships, immunology, and those characteristics of medically important bacteria, rickettsia, and chlamydia that contribute to their pathogenicity. Laboratory studies are directed towards the identification and biochemical characterization of clinically important bacteria. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. Spring semester.

343 Genetics — Lecture (2 credits). A study of the principles of genetics as they related to living organisms. Prerequisite: BT-130 and Z-130 or equivalent. Fall semester.

344 Genetics Laboratory (1 credit). A practical course in the techniques of growing and analyzing genetic material. The laboratory work will include exercises in culturing of Drosophila, and other animal and plant materials. Results of experimental work will be analyzed and reports submitted. Prerequisite: concurrent or prior enrollment in Genetics Lecture. Fall semester.

481 Organic Evolution (3 credits). History of the development of the theory of evolution. A detailed treatment of the genetic evidence supporting the theory as derived from both plant and animal examples. A discussion of the evidence for vertebrate evolution including that for man. Prerequisite: one year of college biology or equivalent. Genetics recommended. Spring semester, odd numbered years.

412 General Parasitology (3 credits). A general study of parasitism including the parasites of man. Lectures devoted to a phylogenetic survey of the parasitic animal groups. Laboratory provides experience in examination of host animals, detection and identification of major parasitic groups. Two lectures and one three-hour laboratory per week. Prerequisite: B-225 or consent of Instructor. Spring semester.

415 Applied and Environmental Microbiology (3 credits). Microbial processes in aquatic and terrestrial environments are discussed with some emphasis toward agricultural and industrial procedures and processes. Topics will include: soil and water, nutrient cycling, biogeochemistry, organic matter decomposition, microbial transformations of recalcitrant molecules, water and food-borne pathogens, waste water treatment, eutrophication of aquatic environments, and food microbiology. Prerequisite: General Bacteriology or Microbiology. Spring semester.

B-416 Applied and Environmental Microbiology Laboratory (1 credit). Microbiological and biochemical methods of environmental assessment. Prerequisite: General Bacteriology or Microbiology and prior or concurrent enrollment in B-415. Spring semester.

420 Immunology (3 credits). Course surveys the principles of immunology, host defense systems, the immune response, immune disorders, serology and other related topics. Representative laboratory procedures will be demonstrated. Prerequisite: General Bacteriology, B-303. Spring semester.

423 Biocenology (3 credits). A survey of the physical factors of the environment and the biological interrelationships of organisms and their effect on the mode of life and distribution of plants and animals. Three lectures per week. Prerequisites: BT-130 and Z-130 or equivalent. Spring semester.

424 Biocenology Laboratory (1 credit). Field investigations into the broad areas of aquatic and terrestrial eco-systems. Study of population and community dynamics, structures, fluctuations, etc. Weekend field trips will be taken. Prerequisite: concurrent or prior enrollment in Biocenology. Spring semester.

489, 499 Biology Seminar (1 credit). A review of pertinent literature on selected topics. Restricted to senior biology majors. Each semester.

### BT BOTANY

#### LOWER DIVISION

115 Mushrooms of Idaho (2 credits). A survey course of the fleshy fungi with emphasis on collecting and identifying species of Idaho mushrooms. Included will be discussions of the classification and edible species of mushrooms and their ecological roles played by fungi. Weekend field trips arranged. One hour of lecture and one hour of scheduled laboratory per week. Additional laboratories arranged. Fall semester.

138 General Botany (4 credits). An introduction to plant biology which includes the study of cells, genetics, whole plant physiology and functions, ecology and classification, and economic importance. Recent problems relating to world food production or others of botanical interest will be discussed. Three hours of lecture and one three-hour laboratory per week. Each semester.

201 Systematic Botany (4 credits). A laboratory, field, and lecture course. The various systems of classification are discussed; terminologies employed in taxonomic literature must be mastered. Keys and manuals are employed in identifying collected specimens of flowering plants. Two lectures and two three-hour laboratory periods per week. Prerequisite: BT-130 or consent of instructor. Spring semester.

#### UPPER DIVISION

302 Plant Anatomy (3 credits). This course is designed to acquaint the student with the internal structure of plant tissues, tissue systems and organs from a developmental standpoint. This study will be limited to the higher plants with emphasis on the Angiosperms. Two lectures and two 2-hour labs. Prerequisite: BT-130 and B-225 or consent of instructor. Spring semester.

311 Plant Morphology (4 credits). The student will become familiar with the development, physiology, anatomy, reproductive cycle and economic importance of the various plant taxa. Phylogeny and paleobotany will be introduced. Three one-hour lectures, two 2-hour labs per week. Prerequisites: B-225. Organic Chemistry recommended. Fall semester.

322 Freshwater Algae (4 credits). A study of the several divisions of freshwater algae, with emphasis on collection, identification and pollution problems related to algae growths. The study would also include discussion of life cycles emphasizing how this knowledge can be used to eradicate noxious types and utilize beneficial types to recycle waste water. The course will consist of 2 lectures and 2 three-hour laboratory periods.
per week. Frequent local field trips will be taken during these laboratory periods. Prerequisites: BT-130 and Z-130. BT-311, Plant Morphology, recommended. Alternates with Z-307 or Z-381.

401 Plant Physiology (4 credits). Plant physiology will emphasize the physical and chemical processes of plant body functions. It includes a study of cells, tissues, and organ functions, the mineral requirements of the plant, its metabolism, water uptake, photosynthesis, compounds synthesized by plants, and a brief discussion of soil chemistry. Three lectures, one three-hour lab per week. Prerequisite: B-225 and Organic Chemistry. General Physics or Biophysics and Plant Anatomy are recommended. Fall semester.

FS FORESTRY

LOWER DIVISION

101 General Forestry (2 credits). A general survey of the entire field of forestry, timber management and propagation of the important trees of the U.S. One 2-hour lecture per week. Spring semester.

Z ZOOLOGY

LOWER DIVISION

197 Concepts of Human Anatomy and Physiology (4 credits). A one-semester terminal course in human anatomy and physiology. Three lectures and one two-hour laboratory per week. Each semester.

111-112 Human Anatomy and Physiology (4 credits). A two-semester sequence for those students whose career objectives require a thorough study of human anatomy and physiology. Three lectures and one three-hour laboratory per week. Prerequisite: prior or concurrent enrollment in Essentials of Chemistry recommended. Z 107 can not be substituted for either semester of this sequence, nor can one semester of this sequence be substituted for Z-107. Sequence beginning fall semester.

138 General Zoology (5 credits). The fundamentals of animal structure, physiology, development, heredity, evolution, adaptations, and life histories. Three hours of lecture and two three-hour laboratory periods per week. Each semester.

UPPER DIVISION

301 Comparative Anatomy (4 credits). Dissection and study of representative types of vertebrates, together with lectures and discussions of general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two three-hour laboratory periods per week. Prerequisite: B-139 or consent of instructor. Fall semester.

305 Entomology (4 credits). A study of the biology of insects with emphasis on their ecology, classification, morphology, physiology, and control. The course includes collecting, identification, and collection of local species. Two lectures and two three-hour laboratory periods per week. Prerequisite: B-225 or consent of instructor. Students are required to meet with the instructor sometime during the academic year which precedes their enrollment in this course in order that they may commence their collecting of specimens during the more productive summer months. Fall semester.

307 Invertebrate Zoology (4 credits). Morphology, phylogeny and natural history of the marine invertebrate animals and terrestrial arthropods exclusive of the insects. Two lectures and two three-hour laboratories per week. Prerequisite: B-225 or consent of the instructor. Alternate with BT-222 or Z-201. Spring semester.

341 Ornithology (3 credits). A laboratory and field course dealing with the classification, structure, identification, distribution and behavior of birds. Two lectures and one three-hour laboratory period each week. Prerequisite: Natural History of the Vertebrates or consent of the instructor. Alternates with Mammalogy and is thus offered on even numbered years. Spring semester.

351 Vertebrate Embryology (4 credits). An analysis of the development of vertebrates with special emphasis on the experimental approach to morphogenesis in lecture and classical descriptive embryology in the laboratory. Two lectures and two three-hour laboratories each week. Prerequisite: A year of college biology or consent of instructor. Spring semester.

355 Natural History of the Vertebrates (4 credits). A lecture, laboratory and field course dealing with the identification, morphology, life cycle, distribution, and life habits of mammals. Two lectures and two three-hour laboratory periods per week. Prerequisite: BT-222 or consent of instructor. Alternate with Ornithology and is offered on odd numbered years. Spring semester.

411 Ichthyology (4 credits). The taxonomic, morphological, physiological, ecological, and economic aspects of the fishes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Natural History of the Vertebrates or consent of instructor. Alternates with Ornithology and is offered on odd numbered years. Spring semester.

DEPARTMENT OF CHEMISTRY

Chairman and Professor: Mr. Jack L. Dalton; Professors: Banks, Carter, Ellis, Hibbs, Peterson, Stark; Assistant Professors: Maljeka, Mercer.

REQUIREMENTS FOR CHEMISTRY MAJOR

1. Liberal Arts Option: This degree prepares the student for employment as a chemist or for admission to medical or graduate school.

2. Major Requirements:

   A. Chemistry

   - College Chemistry
   - Organic Chemistry
   - Physical Chemistry

   - Quantitative Analysis
   - Advanced Inorganic Chemistry
   - Instrumental Analysis
   - Chemistry Seminar

   - Independent Study

   B. Mathematics

   - Completion of Mathematics through Calculus M-206.

   - C. Physics

   - 3. Recommended Electives

   - Foreign Language

   - Upper Division Mathematics

   - Upper Division Physics

   - Life Science Courses

(A Suggested Program)

FRESHMAN YEAR:

1ST SEM. 2ND SEM.

English Composition 3 3
Biology I 4 4

Sophomore Year:

1ST SEM. 2ND SEM.

Quantitative Analysis 5 —
Mathematics 4 4
Physics II and III 3 3
Physics Lab I and II 1 1
Degree Requirements 3 9

15 15-16

Sophomore Year:

1ST SEM. 2ND SEM.

Physics I 4 4
Organic Chemistry 5 5
Degree Requirements or Electives 6-8 6-8

15-17 15-17

Junior Year:

1ST SEM. 2ND SEM.

Chemistry Seminar 1 1
Advanced Inorganic 3 —
Instrumental Analysis 2 2
Independent Study 1 1
Degree Requirements or Electives 12 9

17 15
II. Secondary Education Option:

This degree program prepares the student to teach chemistry in secondary school.

1. General College and Baccalaureate Degree Requirements. See pages 25-27.

2. Major Endorsement Requirements:

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Chemistry</td>
<td>37-38</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>(C-131, 132, 133, 134)</td>
</tr>
<tr>
<td>Quantitative Analysis</td>
<td>(C-211)</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>(C-317, 318, 319, 320)</td>
</tr>
<tr>
<td>Physical Chemistry</td>
<td>(C-321, 322, 323, 324)</td>
</tr>
<tr>
<td>Additional Upper Division</td>
<td>3-4</td>
</tr>
<tr>
<td>B. Mathematics</td>
<td>13-18</td>
</tr>
<tr>
<td>Completion of Mathematics through M-206</td>
<td></td>
</tr>
<tr>
<td>C. Physics</td>
<td></td>
</tr>
<tr>
<td>Physics Sequence</td>
<td>(Ph-220, 221, 222, 223, 224)</td>
</tr>
<tr>
<td>3. Idaho Certification Requirements</td>
<td>22</td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>(TE-201)</td>
</tr>
<tr>
<td>Educating Exceptional Students</td>
<td>(TE-333)</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>(P-325)</td>
</tr>
<tr>
<td>Secondary School Methods</td>
<td>(TE-381, GS-305)</td>
</tr>
<tr>
<td>Senior High School Student Teaching</td>
<td>(TE-483)</td>
</tr>
<tr>
<td>The Senior High School (TE-487)</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: The Idaho Professional Standards Commission now requires a year of biology.

(A Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>3</td>
</tr>
<tr>
<td>Physics I</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>15-16</td>
</tr>
</tbody>
</table>

| SOPHOMORE YEAR: | | |
| Quantitative Analysis | 5 | 5 |
| Mathematics | 4 | 4 |
| Physics II and III | 3 | 3 |
| Physics Lab I and II | 1 | 1 |
| General Psychology | 3 |  |
| Degree Requirements | 6 |  |
| Foundations of Education | 3 |  |
| 16 | 17 |

| JUNIOR YEAR: | | |
| Physical Chemistry | 4 | 4 |
| Organic Chemistry | 5 | 5 |
| Educational Psychology | 3 | 3 |
| Teaching Science in Secondary School | 3 | 3 |
| Degree Requirements or Electives | 15 | 15 |

| SENIOR YEAR: | | |
| Upper Division Chemistry Course | 3 |  |
| Chemistry Seminar | 1 | 1 |
| Secondary School Methods | 3 |  |
| Senior High School Teaching | 8 |  |
| The Senior High School | 1 |  |
| Educating Exceptional Secondary Students | 1 |  |

Degree Requirements and Electives | 12 |

Students who do not have a chemistry degree may be certified to teach chemistry in secondary school. Refer to page 106 of this bulletin where minor certification endorsements for teaching areas are listed in the department of Teacher Education.

COURSES

C CHEMISTRY

LOWER DIVISION

100 Concepts of Chemistry (4 credits). A descriptive non-mathematical course designed to acquaint students with the science of chemistry and chemistry's relationships to other fields of study and to modern life. This course cannot serve as a prerequisite to any other chemistry course, nor will it serve a part of a Chemistry sequence. Students who have received credit for C-109 or C-133 may not receive credit for C-100. Three lectures and one 3-hour laboratory per week. Each semester.

102 Preparation for Chemistry (1 credit). A lecture, recitation, and laboratory course designed for students lacking the necessary background for General Chemistry. Emphasis is placed on basic concepts, definitions, chemical problem solving and laboratory manipulations. To be taken concurrently with or prior to the first semester of either Freshman chemistry course. 2 periods per week. Both semesters.

107 Essentials of Chemistry (3 credits). The first semester of a sequence course. A study of basic chemistry concepts in Inorganic and Organic chemistry. Three lectures per week. Prerequisite: High School chemistry or C-103 or concurrent enrollment in C-103. Concurrent enrollment in C-109 is required. Fall and Spring semester.

108 Laboratory for Essentials of Chemistry (1 credit). The laboratory to accompany C-107. Three lab hours per week. Concurrent enrollment in C-107 is required. Fall and Spring semester.

109 Essentials of Chemistry (3 credits). A continuation of C-107 to include basic concepts of Biochemistry. Three lectures per week. Prerequisite: C-107 and C-108. Concurrent enrollment in C-110 is required. Spring semester.

110 Laboratory for Essentials of Chemistry (2 credits). The laboratory to accompany C-109. 6 lab hours per week. Prerequisites: C-107 and C-109. Concurrent enrollment in C-110 is required.

131 College Chemistry (3 credits). The first semester of a one-year sequence course. A thorough study of the fundamentals of chemistry including atomic and molecular structure, stoichiometry, physical states, and solutions. Three lectures per week. Prerequisites: C-109-111 or Math C-119-120 or Chemistry C-110-115 or Concurrent enrollment in M-111 or M-115. Concurrent enrollment in C-132 is required. Fall semester.

132 Laboratory for College Chemistry (1 credit). Laboratory work to accompany C-131. 3 lab hours per week. Concurrent enrollment in C-131 is required. Fall semester.

133 College Chemistry (3 credits). A continuation of C-131 to include Equilibrium, Redox, Complex ions. 3 lectures per week. Prerequisites: C-131 and C-132. Spring semester.

134 Laboratory for College Chemistry (2 credits). Laboratory work to accompany C-133. To include Qualitative Analysis. 6 lab hours per week. Prerequisite: C-131 and C-132. Spring semester.

207-208 Elementary Organic Chemistry (3 credits). An introductory course covering the fundamental principles and applications of organic chemistry. Designed for those students who do not require an intensive study of chemistry. Two lectures and one 3-hour laboratory per week. Prerequisite: Chemistry C-131-132. Fall semester.

211 Organic Chemistry (3 credits). A continuation of C-207 to include Equilibrium, Redox, Complex ions. 3 lectures per week. Prerequisite: C-207. Spring semester.

212 Quantitative Analysis (3 credits). Study of the equilibrium relationships and methods used in gravimetric, volumetric, and some instrumental analysis. Prerequisite: C-131-132-133-134. Fall semester.

213 Quantitative Laboratory Techniques (2 credits). Practical applications of quantitative analytical techniques through the analysis of unknown samples using gravimetric, volumetric, and some instrumental methods. Prerequisite: Chemistry 211 or concurrent enrollment. Fall semester.

UPPER DIVISION

305 Teaching Science in the Secondary School (3 credits). 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. The implications of this understanding as they relate to secondary school science teaching are explored in depth in terms of methodology, objectives, and evaluation. Special emphasis is placed on problems of communicating scientific ideas, effective modes of instruction and evaluation, and curricular materials for secondary school teaching. Spring semester, alternate years. (Course is co-listed as GS 305 and B 305.)

317 Organic Chemistry Lecture (3 credits). A basic descriptive overview of Organic Chemistry covering the fundamental principles of nomenclature, reactions, synthesis, elementary mechanisms and stereochemistry. Designed to partially fulfill the requirements of Chemistry majors, chemical engineers, professional and pre-professional students. Three lectures per week. Prerequisite: Chemistry C-131-132-133-134. Concurrent credit enrollment in C-319 is required. Fall semester.


*Certain courses cover somewhat similar subject matter, and credit cannot be granted for both courses. Credits for C-207, 208 will not be allowed if credit is given in C-317, 318.

* A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.
COMMUNICATION MAJOR
Bachelor of Arts Program

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

INTERPERSONAL COMMUNICATION EMPHASIS

1. General College Requirements .................................................. 14
2. Departmental Core Requirements ............................................ 14
3. Suggested Courses as follows:
      CM 271—Journalistic Communication Theory and Practice ............. 6
      Departmental Electives .................................................. 14
   Total 40-43

MASS COMMUNICATION EMPHASIS

1. General College Requirements ................................................ 14
2. Departmental Core Requirements ............................................ 14
3. Suggested Courses, as follows:
   A. CM 171-172—Mass Communication: Concepts and Perspectives ...... 6
      CM 271-272—Journalistic Communication Theory and Practice ......... 6
   Departmental Electives .................................................. 14
   Total 40

SECONDARY EDUCATION EMPHASIS:

1. General College Requirements ................................................ 14
2. Departmental Core Requirements ............................................ 14
3. Education Requirements. (See Section VI Secondary Education)
4. Suggested Courses, as follows:
   A. CM 241—Oral Interpretation ............................................. 3
      CM 401—Methods of Teaching Communication ............................. 3
   B. CM 112—Reasoned Discourse ............................................
      CM 113—Competitive Speech ............................................
      CM 121—Voice and Diction .............................................
      CM 131—Listening ......................................................
      CM 231—Message Composition and Delivery ............................
      CM 312—Applied Speech Communication ................................
      CM 451—Communication Practicum ...................................
      CM 251—Communication in the Small Group ............................
      CM 307—Interviewing ...................................................
      CM 431—Small Group Process .......................................... 2 or 3
   D. CM 321—Rhetorical Theories ...........................................
      CM 331—Message Analysis and Criticism ............................... 9
      CM 332—Contemporary Public Communication ..........................
      CM 271—Journalistic Communication: Theory and Practice .........
      CM 341—NonVerbal Communication ....................................
      CM 351—Intercultural Communication ..................................
      CM 412—Persuasion ....................................................
   Total 40-41

NOTE: A student with a single teaching field must complete at least 45 credits.

JOURNALISTIC COMMUNICATION EMPHASIS

1. General College Requirements ................................................ 14

310 Organic Chemistry Laboratory (2 credits). This course covers basic laboratory techniques used in Organic Chemistry and selected compound preparations. Two three-hour labs per week. Concurrent enrollment in Chemistry C-317 is required. Fall semester.

320 Organic Chemistry Laboratory (2 credits). This course covers spectroscopic methods, spectral interpretation, and quantitative organic analysis. Two three-hour labs per week. Prerequisite: Chemistry C-319. Concurrent credit enrollment in Chemistry C-318 is required.

311-322 Physical Chemistry Lecture (3 credits). The fall semester will cover gases, point symmetry, absorption, molecular structure and quantum theory (briefly) and the first, second and third laws of thermodynamics. The spring semester continues with thermodynamics, reaction kinetics, phase equilibria, electrochemistry and absorption. Three lectures a week. Prerequisites: Chemistry C-131-132-133-134. General Physics PH-102 or Physics 221 and Calculus and Analytic Geometry M-206 or equivalent. A year sequence (fall and spring).

323-324 Physical Chemistry Lab (1 credit). Laboratory experiments paralleling the material covered by the lectures. Prerequisite: C-321, 322 or concurrent enrollment. A year's sequence (fall and spring).

341, 342 Glassblowing (1 credit). Chemistry 341 is designed to acquaint the student with the basic techniques of scientific glassblowing. Practice in end to end joints, T-seals, ring seals, flaring, rounded ends and bulbs. Chemistry 342 is designed to give the student practice in the above techniques by the construction of more complicated apparatus such as distillation equipment. One three-hour lab per week. Prerequisite: Junior standing. Each semester.

41G Advanced Inorganic Chemistry (3 credits). Quantum mechanical overview of atomic and molecular structure, bonding in ionic, covalent, and complex ions, nonaqueous solutions, and selected properties of elements of the periodic table and inorganic compounds. Prerequisite: Physical Chemistry, C-322, or consent of the instructor. Each semester.

41G Instrumental Analysis (4 credits). Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. Two lectures and two three-hour labs per week. Prerequisite: Quantitative Analysis C-211 and C-320. Organic Chemistry. C-320 may be taken concurrently with C-411. Spring semester.

41G Introduction to Biochemistry (3 credits). A study of the chemistry of biologically important compounds, and an introduction to metabolism. Three lectures per week. Prerequisite: C-208 or C-318. Fall semester.

43G Biochemistry Laboratory (1 credit). Identification, isolation, and reaction of biologically important compounds. One three-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Spring semester.

43G Biochemistry (3 credits). The function of biological compounds, including biologically important compounds. One three-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Spring semester.

498, 499 Chemistry Seminar (1 credit). Group discussions of individual reports on selected topics in the various fields of Chemistry. Prerequisite: Chemistry Major and Senior standing. Each semester.

SCHOOL OF ARTS & SCIENCE

DEPARTMENT OF COMMUNICATION

Chairman and Professor: Dr. Robert R. Boren; Professor Boylan, Associate Professors: Cox, Gephart, Pitman, Assistant Professors: Barry, Craner, DeMoux, McCorkle, Rayborn.

DEPARTMENT OF COMMUNICATION

Chairman and Professor: Dr. Robert R. Boren; Professor Boylan; Associate Professors: Cox, Gephart, Pitman; Assistant Professors: Barry, Craner, DeMoux, McCorkle, Rayborn.

REQUIREMENTS FOR COMMUNICATION MAJOR

1. Completion of general university requirements for Bachelor of Arts degree as listed on pages 25-27.

2. Requirements for Communication major: all majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses: }
   CREDITS
   CM 111—Fundamentals of Speech Communication ....................... 3
   CM 201—Methods of Inquiry ............................................. 3
   CM 221—Communication Process ........................................ 3
   CM 421—Theories of Communication ..................................... 3
   CM 498—Communication Seminar ........................................ 2
   Courses for Area of Emphasis ......................................... 26-29
   Total 40-43

COMMUNICATION MAJOR

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

COMMUNICATION MAJOR

Bachelor of Arts Program
4. Suggested courses, chosen from the following 15 hours

**SCHOOL OF ARTS & SCIENCE**

3. Other Required Courses 21 hours

- CM 277—Photo Communication 3
- CM 273—Reporting - Newswriting 3
- CM 378—History of Mass Communication 3
- CM 379—Communication Graphics 3
- CM 461—Ethics, Law and Communication 3
- CM 465—Internship 3

4. Suggested courses, chosen from the following 15 hours

- CM 271, 272—Journalistic Communication: Theory and Practice 3
- CM 274—Reporting and News Writing 3
- CM 307—Interviewing 3
- CM 371—Copyreading and Editing 3
- CM 372—Journalistic Communication Practicum 3
- CM 471—Radio-TV Newswriting 3
- CM 472—Editorial and Feature Writing 3
- CM 478—Public Relations 3

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

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

OR any other program listed on Page 27 of B.S.U. Catalog (under Baccalaureate Degree Programs).

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

**COMBINED MAJOR: COMMUNICATION—ENGLISH**

A. With Journalism emphasis: Department requirements

**COMMUNICATION**
- Fundamentals of Speech Communication CM 111 3
- Methods of Inquiry, CM 201 3
- CM 493—Internship 3
- Communication Process, CM 221 3
- Rhetorical Theories, CM 321 3
- Theories of Communication, CM 421 3

Communication electives (UD) 9

**Total** 27

**ENGLISH**
- Literature Survey I 3
- Composition above the basic sequence 6
- Introduction to Language Study, L1305 3
- Literature electives* (UD) 9

**Total** 27

(Add Senior Seminar—Either CM 498 or E498—2 hrs.)

**Total Hrs.: 56 (27 & 27 & 2)**

B. With Communication emphasis, Department requirements

**COMMUNICATION**
- Fundamentals of Speech Communication, CM 111 3
- Methods of Inquiry, CM 201 3
- Communication Process, CM 221 3
- Rhetorical Theories, CM 321 3
- Theories of Communication, CM 421 3

Electives (UD) 9

**Total** 27

**ENGLISH**
- Literature Survey I 3
- Humanities HU 207 or 208 3

**Advanced Writing & Linguistics**

- English 9

**Total** 27

N.B. Electives:

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

2. If student elects the extra 3 hours in Humanities (either HU 207 or HU 208), then he would take 5 upper division courses in Communication or English and 9 upper division courses in the other department.

(Add Senior Seminar—either CM 498 or E498—2 hrs.)

**Total Hrs.: 56 (27 & 27 & 2)**

*British or American. Student should consider upper division courses he will want to take.

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

To be chosen from E-201, Technical Writing, L1305, L1307, L1308.

**CM COMMUNICATION**

**LOWER DIVISION**

102 Professional Speech Communication (3 credits). A course designed especially for two-year pre-professional curricula. Theory and principles involved in oral communication in the professional world—interviews, conferences, group process, and public speaking.

111 Fundamentals of Speech—Communication (3 credits). Fundamental principles of effectively preparing, presenting and critically consuming messages in one-to-one, small group, and public speaking contexts. Students may not earn credit in both CM-102 and CM-111.

112 Reasoned Discourse (3 credits). 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.

114 Communication Activities (1 credit). Preparation for and participation in communication activities such as: intercollegiate debate competition, intercollegiate individual speaking, interpretation competition or community speaking activities. Prerequisite: permission of the instructor. CM 114 and 314 may be repeated for a total of 8 credits, not more than 4 of which may be applied toward the degree in communication.


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


201 Methods of Inquiry (3 credits). Introduction to the Philosophy of Science as applied to the study of communication. Emphasis on various techniques of research and the requirements for the conduct, reporting and criticism of research.

221 Communication Process (3 credits). An examination of the nature of human communication. Focuses through experimental learning, on awareness of self, communicative relationships and context.

231 Message Composition and Presentation (3 credits). Analysis of methods and techniques of message composition. Practice in the presentation of public speeches.

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

251 Communication in the Small Group (3 credits). 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.

271, 272 Journalistic Communication: Theory and Practice (3 credits). An experiential based study of journalistic theory and practice. Emphasis is placed on the production of mass media content, through closed circuit radio and television productions and laboratory publications. Not to be taken concurrently with Communication 171-172, CM 271—Fall semester, CM 272—Spring semester.

273-274 Reporting and News Writing (3 credits). Fundamentals of reporting from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis will be placed on accuracy, conciseness and clarity in writing. Includes study of elements of newspaper styles usage, grammar, punctuation, capitalization, and the use of copyreading symbols. Prerequisite: Ability to use typewriter. Each semester.

275 Supervision of School Publications (2 credits). For prospective teachers who plan to be advisers of school newspapers and yearbooks, a study of fundamentals in writing, layout, and management of scholastic publications. Spring semester.
376 Television: History and Aesthetics (3 credits). An examination of television as an entertainment medium from critical and historical points of view. Course includes a study of dramatic and comic types, the development of specialized programming, and the social and commercial influences on program content.

377 Photo Communication (3 credits). A study of photography as a means of communication. Includes the planning and production of photography for publication and broadcasts. Two hours lecture and two hours laboratory per week. Prerequisite: AR 251 or consent of instructor. Fall semester.

UPPER DIVISION

397 Interviewing (2 credits). An examination of the theory upon which communication behavior in dyadic situations is based. Practical experience in various types of interviews as confronted in business, in education, and in the professions.

311 Speech—Communication for Teachers (3 credits). 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.

312 Applied Speech Communication (3 credits). An application of basic principles of speech communication to real life situations involving current community problems and issues. Prerequisite: CM 111 or 102 or consent of instructor.

CM 314 Communication Activities (1 credit). Preparation for and participation in communication activities such as: intercollegiate debate competition, intercollegiate individual speaking, interpretation competition, or community speaking activities. Prerequisite: permission of the instructor. CM 114 and 314 may be repeated for a total of 8 credits, not more than 4 of which may be applied toward the degree in communication.

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

331 Message Analysis and Criticism (3 credits). An evaluation of methods of analyzing and criticizing oral messages and their application to making critical appraisals of public address.

332 Contemporary Public Communication (3 credits). The nature, function, and influence of public communication in contemporary society. An examination of major events and issues in an attempt to identify particular characteristics of public dialog which reflect influence, and art of public opinion.

341 Nonverbal Communication (2 credits). An examination of the function of non-verbal language codes in communication. Students look at: 1. how individuals and groups acquire and apply rules about what, how, to whom, and when to communicate with nonverbal signs. 2. When and how the interpretation and analysis of nonverbal signs may affect decision-making or conclusion-drawing in communication. Emphasis on projects demonstrating non-verbal communication.

351 Intercultural Communication (3 credits). 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.

361 Organizational Communication (3 credits). 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.

371 Copyreading and Editing (3 credits). Techniques of reading newspaper copy; the use of proper copyreading symbols; laboratory work in editing and rewriting copy for publication. Prerequisite: CM 273 or 274.

372 Journalistic Communication Practicum (1-4 credits). Designed for students who seek professional experience and professional careers. The course offers students training with professionals in the community. Prerequisite: Consent of the instructor. May be repeated for a total of 4 hours.

376 Yearbook Techniques (1 credit). Techniques of layout planning, picture sizing, and writing copy for yearbooks. Recommended for members of the Les Bois staff and for students preparing to be publications advisors. Not intended for production of yearbook.

378 History of Mass Communication (3 credits). Traces the development of the concepts, technologies and practices of mass communication. Primary focus on the emergence of the mass media as a disseminator of news, opinion, entertainment and advertising. Prerequisite: Upper division standing.


481 Methods of Teaching Communication (3 credits). Analysis and planning of curriculum for speech communication. A study of instructional materials, classroom techniques and methods, development of behavioral objectives, and management of curricular programs. Intended primarily for the individual preparing to teach speech communication or direct forensic activities in the secondary school.

412 Persuasion (3 credits). 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.

421 Theories of Communication (3 credits). A critical evaluation of theories in the field of communication. An examination of the interrelationships of definitions, models and theory. Analysis of related theories of communications: e.g. Anthropological, mass media, social-psychological. Fall semester.

431 Small Group Process (3 credits). An advanced study of specific variables and theories affecting the communicative interaction of small groups. Focus upon small group behavior in terms of variables that affect group process: structure, interaction, transaction, roles, norms and cohesiveness.

451 Communication Practicum (1-4 credits). 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 4 credits.

461 Ethics, Law and Communication (3 credits). An in-depth study of the laws and ethics related to communication. Prerequisite: Upper division standing.

471 Radio-Newswriting (2 credits). Practice writing of radio-television news, including timing and arrangement of material, adding script to film, techniques for condensing stories, deciding the importance of story material. Preparation of “headlines.” Fifteen and ten minute broadcasts. Prerequisite: Reporting and Newswriting CM 273-274 or consent of instructor.

473 Feature Writing (3 credits). Non-fiction writing for features for newspaper or magazines. Includes analysis of publication markets and procedures for submitting articles. Spring semester, alternate years.

474 Critical Writing (3 credits). Writing opinion for the mass media with emphasis on editorial, personal column, and reviews of the arts. Spring semester, alternate years.


488 Communication Seminar (2 credits). A study of speech communication problems together with presentation of paper(s) based on research into problems. Prerequisite: CM 421 or consent of instructor. Senior standing.
# DEPARTMENT OF ENGLISH

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

## REQUIREMENTS OF ENGLISH MAJORS

**Bachelor of Arts Degree**

### I. Completion of general university requirements for Bachelor of Arts. See page 26.

### II. Completion of Departmental Core

1. **Specific Courses**
   - Survey of British Literature (E-240 and E-260) 6
   - Shakespeare (E-345 or E-346) 3
   - Introduction to Language Studies (LI-305) 3
   - History of Literary Criticism (E-393) 3
   - Senior Seminar (E-498) 2

2. **Area Requirements**
   - American Literature (E-271, 272) E-387 or E-384 3
   - Pre-1800 British Literature (E-340, E-341, E-347, E-348, E-349, E-350, E-351, E-355, E-357, or E-359) 6
   - Post-1800 British or American Literature (E-360, E-365, E-366, E-369, E-377, E-378, E-384, E-389, E-390 or E-467) 6

### III. Completion of Departmental Option

1. **Liberal Arts Option**
   - Competence in a Foreign Language equivalent to two years of university instruction.
   - History of the English Language (LI-309) 3
   - Upper Division English Electives 15

2. **Options in Secondary Education**
   - Option 7-9 (Junior High)
     - Writing Course: E-201 or E-401 (instead of E-393) 3
     - Language Courses: LI-309 and either LI-307 or LI-405 6
     - Methods Courses: E-301 and either E-381 or TE-335 6
     - Speech 3
     - Literature For Use in Junior High School (E-481) 3
     - Upper division English electives 6
     - Western World Literature (E-230) 3
     - Idaho certification requirements 9
     - Successful completion of departmental competency exam
   - Option 10-12 (Senior High)
     - Writing Course: E-201 or E-401, E-405, or E-306 3
     - Upper division English electives 6
     - Western World Literature (E-230) 3
     - Idaho certification requirements 9
     - Successful completion of departmental competency exam
   - Option 7-12 (composite)
     - Language Courses: LI-309 and either LI-307 or LI-405 6
     - Methods Courses: E-301 and either E-381 or TE-335 6
     - Speech 3
     - Literature For Use in Junior and Senior High School (E-481) plus advanced writing (E-201, E-401, E-305 or E-308) 6

5. Upper division English elective 6
6. Western World Literature 3
7. Idaho certification requirements 3
8. Successful completion of departmental competency exam

### Minor Endorsement: English

- Advanced Composition 3
- Linguistics 3
- E-301 or E-381 3
- Survey of American Literature (E-271 or E-272) 3
- Lower Division Literature 6
- Upper Division Literature 6
- Successful completion of departmental competent exam

*To be selected from: World Literature (E-230 and E-235); British Literature (E-240 and E-260); Far Eastern Literature (E-215)

### THEATRE ARTS MINOR FOR ENGLISH

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA-117 Technical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TA-118 Technical Theatre (basic set drawing and construction)</td>
<td>4</td>
</tr>
<tr>
<td>TA-215 Acting</td>
<td>3</td>
</tr>
<tr>
<td>TA-331 Major Production Participation</td>
<td>3</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>TA-332 Stage Voice</td>
<td></td>
</tr>
<tr>
<td>TA-334 Advanced Oral Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>TA-341 World Drama, 500 B.C. to 1570</td>
<td>3</td>
</tr>
<tr>
<td>TA-342 World Drama, 1570 to 1870</td>
<td>3</td>
</tr>
<tr>
<td>TA-343 World Drama, 1870 to 1960</td>
<td>3</td>
</tr>
<tr>
<td>TA-445 Contemporary Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TA-401 Directing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>21 hours</td>
</tr>
</tbody>
</table>

### COURSES APPLYING TO BOTH DISCIPLINES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-345 Shakespeare: Tragedies and Histories</td>
<td>3</td>
</tr>
<tr>
<td>E-346 Shakespeare: Comedies and Romances</td>
<td>3</td>
</tr>
<tr>
<td>Total Hours in Theatre Arts</td>
<td>3 hours</td>
</tr>
<tr>
<td>Minor for English Major</td>
<td>24 hours</td>
</tr>
</tbody>
</table>

### COMBINED MAJOR: COMMUNICATION—ENGLISH

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

Refer to page 46 under the Department of Communication for the listing of requirements.

### COURSES

#### E ENGLISH

Students who transfer from other schools with qualifying scores on objective tests equivalent to those administered to Boise State University freshmen, 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

- **018 Developmental Writing (Non-Credit)**: The Fundamentals of grammar, composition and reading. Required of students with ACT Group 1 probability scores of below 20 or students whose first writing in E-101 is deficient. For students wishing basic review. Each semester.

- **101 English Composition (3 credits)**: Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Prerequisite: ACT score 20 or S in Developmental Writing. Each semester.

- **102 English Composition (3 credits)**: Advanced practice in expository writing, including analysis and interpretation of imaginative literature. Study of the relationship between literature and human experience. Prerequisite: E-101 or consent of Department Chairman. Each semester.
American writers and the emergence of an independent American outlook, as seen in
the literary works of such authors as Thoreau, Hawthorne, Melville, Emerson, and
Whitman. Prerequisite: E-102. Either semester.

272 Survey of American Literature: Civil War to Present (3 credits). This course traces
the development of American literature with an emphasis on the literary thought as revealed in the works
of such authors as Twain, James, Hemingway, Eliot, and Faulkner. Prerequisite: E-102.
Either semester.

UPPER DIVISION

271 Survey of American Literature: Beginnings to Civil War (3 credits). This course traces
211, 112 Honors Composition (3 credits). Designed to provide the superior student a
challenging course that emphasizes individual study and original writing. An introduc-
tion to critical writing and the study of ideas through literature. Honors 111 concentrates
on lyric, poetry, essays, and fiction; 112 on dramatic literature, the novel, and the
short story. Students must have an ACT of 80 or above for E 111. For E 112, prerequisite of E 111 or
certificate of Department Chairman.

113 English as a Second Language (3 credits). Basic skills in American English pronun-
ciation, sentence structure, and spelling. For foreign students with TOEFL scores (or equivalent) of 500-550.
Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor.
Credit not applicable toward requirements for graduation.

121 English as a Second Language (3 credits). Continuation of E-120 with special em-
phasis on oral communication. For foreign students with TOEFL scores (or equivalent) of 500-550. Prerequisites: Admission to
college, recommendation of Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirements for foreign students.

123 Advanced English Composition for Foreign Students (3 credits). Study of and prac-
tice 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 com-
plex types of English sentence structure. Admission to college, recommendation of
Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

201 Advanced Expository Composition (3 credits). 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 effec-
tiveness of expression. Admission to college, recommendation of Foreign Student Advisor and consent of instructor.

205 Creative Writing—Poetry (3 credits). Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.

206 Creative Writing—Fiction (3 credits). Short story or playwriting. Prerequisite: in-
structor's consent based on evaluation of student's original work. Spring semester.

211 The Bible As Literature (3 credits). A study of selected portions of the Old and New
Testaments as they illustrate, primarily, major literary types. Prerequisite: E 102. Spring semester.

213 Afro-American Literature (3 credits). The Black experience as reflected in the
development of Black American literature. This course requires Afro-American writing to
its salient social and cultural conditions. It explores recurrent and characteristic themes, techniques, and genres from Slavery to the present. Emphasis is on Black writers after 1970. Prerequisite: E 102. Either semester.

215 Far Eastern Literature, In Translation (3 credits). A survey of literature of Far Eastern
countries with the major emphasis on China, India, and Japan. Included will be an in-
troduction to the cultural and religious milieu of each country covered in the course.
Prerequisite: E 102, Spring semester.

216 Mythology (3 credits). Thematic approach to mythology. Covers creation myths,
death rituals and cultural concepts of the hero. Includes material relating myth to
religion, the occult, modern psychology, literature, and general Western culture. Prerequi-
tive: E 102. Fall semester.

220 North American Indian Folklore and Literature (3 credits). 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 preliterary societies receive particular em-
phasis. Prerequisite: E 102. Fall semester.

228 Western World Literature (3 credits). This course is an introduction to the cultural
and literary history of Western civilization through some of the best plays, stories
and novels with special emphasis on selections from the earliest periods: ancient Greek,
Roman, medieval and Renaissance Europe. Prerequisite: E 102. Fall semester.

229 Western World Literature (3 credits). A continuation of E-228, which focuses on the
survival and reassertion of traditional Western values and attitudes along with the skep-
ticism and rebellion which has become characteristic of more recent times. Reading in-
cludes works from the European Age of Enlightenment, the Romantic, Realistic and
Naturalistic movements in Europe and America, and those from the early years of the 20th cen-
tury. Prerequisite: E 102. Spring semester.

235 Western World Literature (3 credits). A study of the major works, authors, and developments in English literature. The course is intended to provide a background for understanding the literature of English speaking peoples. Prerequisite: E 102. Fall semester.

236 European Literature to 1790 (3 credits). A study of the major works, authors, and developments in European literature. The course is intended to provide a background for understanding the literature of English speaking peoples. Prerequisite: E 102. Fall semester.

237 Survey of British Literature to 1790 (3 credits). A study of the major works, authors, and developments in English literature. The course is intended to provide a background for understanding the literature of English speaking peoples. Prerequisite: E 102. Spring semester.

238 Survey of British Literature (3 credits). A study of the major works, authors, and developments in English literature. The course is intended to provide a background for understanding the literature of English speaking peoples. Prerequisite: E 102. Spring semester.

239 Survey of British Literature (3 credits). A study of the major works, authors, and developments in English literature. The course is intended to provide a background for understanding the literature of English speaking peoples. Prerequisite: E 102. Spring semester.

240 Chaucer (3 credits). A study of representative works of Geoffrey Chaucer with em-
phasis on The Canterbury Tales and Troilus and Criseyde. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Fall semester.

245 Shakespeare: The Tragedies and Histories (3 credits); A study of representative
works of Shakespeare with emphasis on The Tragedies and Histories. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

246 Shakespeare: Comedies and Romances (3 credits). A study of representative
works of Shakespeare with emphasis on the comedies and romances. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

251 Milton (3 credits). A study of the major works of John Milton with special emphasis
on Paradise Lost. The Renaissance and the Reformation and their influence on the atten-
tion will be given to intellectual, religious and historical milieu of Milton's age. Prere-
quive: Two credits lower-division literature or consent of Department Chairman. Spring semester.

252 Shakespearean Tragedies and Histories (3 credits). A study of representative
works of Shakespeare with emphasis on the tragedies and histories. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

253 Shakespearean Comedies and Romances (3 credits). A study of representative
works of Shakespeare with emphasis on the comedies and romances. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

254 Shakespeare: The Sonnets (3 credits). A study of representative
works of Shakespeare with emphasis on the sonnets. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

255 Shakespeare: The Sonnets (3 credits). A study of representative
works of Shakespeare with emphasis on the sonnets. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

256 Shakespeare: The Sonnets (3 credits). A study of representative
works of Shakespeare with emphasis on the sonnets. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

257 Shakespeare: The Sonnets (3 credits). A study of representative
works of Shakespeare with emphasis on the sonnets. Prerequisite: Two credits lower-division literature or consent of Department Chairman. Spring semester.

261 American Literature (3 credits). A study of the major works, authors, and developments in American literature. The course is intended to provide a background for understanding the literature of American people. Prerequisite: E 102. Spring semester.

262 American Literature (3 credits). A study of the major works, authors, and developments in American literature. The course is intended to provide a background for understanding the literature of American people. Prerequisite: E 102. Spring semester.

263 American Literature (3 credits). A study of the major works, authors, and developments in American literature. The course is intended to provide a background for understanding the literature of American people. Prerequisite: E 102. Spring semester.
SCHOOL OF ARTS & SCIENCE

359 British Novel: Beginnings through Scott (3 credits). An investigation of the development of the novel, tracing its roots and exploring the work of Defoe and the “big four” — Richardson, Fielding, Smollett and Sterne — through the emergence of the sophisticated novels of Jane Austen and the historical romances of Scott. The emphasis is on works by important Romantic writers, including the Romantics, Wordsworth, Coleridge, Shelley, Keats, Byron, and select contemporary authors, including Blake and Hardy. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Fall semester.

359 British Romantic Poetry (3 credits). A study of representative poems and supplemental works by the Romantics, Wordsworth, Coleridge, Shelley, Keats, Byrom, and select contemporaries, including Blake and Hardy. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Fall semester.

365 Victorian Poetry (3 credits). A study of representative works from the writings of Tennyson, Browning, Arnold, and their contemporaries, up to and including Thomas Hardy. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1981/82.

366 Victorian Prose (3 credits). A study of the intellectual and spiritual crises of mid-19th century Britain as represented in the fiction prose of such writers as Carlyle, Arnold, J.S. Mill, Ruskin, Newnham, and Ruskin. Prerequisite: Three credits of lower-division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1976-78.

359 British Novel: Austen through Hardy (3 credits). An investigation of the development of the English novel from the beginning of the Victorian era to the death of Hardy in 1898, with particular attention to the relationships between the novel and Victorian attitudes up to the emergence of the twentieth-century British novel. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Spring semester.

371 American Renaissance (3 credits). A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, and Whitman were working under the varied influences of Puritanism, psychologism, scientism, impressionism, and Howells’ “doctrine of complicity” also receive attention in lectures and in discussions of novels. Prerequisite: Three credits of lower-division literature or consent of Department Chairman. Either semester.

381 Methods of Teaching Secondary School English (3 credits). Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: E-102 and consent of Department Chairman. Fall semester.

384 Literature of the American West (3 credits). Selected works by representative writers of the American West. A study of such Western types as the mountain man, the cowboy and the pioneer in the works of such serious writers as Wallace Stegner, Owen Wister, L.D. Davis, John Steinbeck, Welty, and others. Prerequisite: Three credits of lower-division literature or consent of Department Chairman. Either semester.

378 American Realism (3 credits). A study of American literature written during the period from the Civil War to World War I. Mark Twain, W.D. Howells, Henry James, Kate Chopin, Theodore Dreiser, and contemporaries refined their literary techniques to accommodate the basic belief that literature should be written about the average person in the light of common day. Such related theories and ideas as Social Darwinism, positivism, materialism, impressionism, and Howells’ “doctrine of complicity” also receive attention in lectures and in discussions of novels. Prerequisite: Three credits of lower-division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction (3 credits). This course is designed to acquaint both non-majors and majors in literature 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, Eliot, Pound, Steinbeck, Golding, Hemmingway, Joyce, Lawrence, O’Connor, Steinbeck, Welty, and others. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

388 Twentieth-Century Anglo-American Drama (3 credits). A study of plays that reveal techniques and ideas used by the British and American writers who have created the various forms of “modern” drama. Prerequisite: Three credits lower-division literature or consent of Department Chairman. Either semester.

390 Folklore (3 credits). Study of what folklore is, its written and oral traditions, its different genres. Prerequisite: E-102 and junior standing or consent of Department Chairman. Either semester.

393 History of Literary Criticism (3 credits). A survey of critical approaches to literature from Plato to the twentieth century. Prerequisite: Junior standing and a literature survey or consent of the Department Chairman. Fall semester.

401 Advanced Writing (3 credits). Writing for the student who wants advanced training in expressing ideas. The emphasis is on developing effective prose styles, taking into account values of technique and their appropriateness for a specific audience. Will not fulfill Area I requirement for graduation. Either semester. Prerequisite: Permission of the instructor or E-201.

407 Applied Linguistics in Teaching English as a Second Language (3 credits). A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory. Prerequisite: English 102 or consent of Department Chairman. Fall semester.

407 Applied English Linguistics (3 credits). Application of linguistic theory and concepts to the teaching of English grammar and composition. Analysis of specific problems of instruction encountered in instruction. Examination of texts and materials, reports on pertinent articles in professional journals and demonstrations. For teachers or prospective teachers of secondary schools. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

409 History of the English Language (3 credits). A study 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. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

405 Modern English Structure (3 credits). An approach to modern English based on linguistic principles; the course will cover English phonology, morphology, and syntax with transformational emphasis, but including a survey of traditional structural, and newly developing theories of grammar. Prerequisite: LI-305; or consent of Department Chairman. Either semester. To be offered 1981/82.

407 Applied Linguistics in Teaching English as a Second Language (3 credits). This course is designed to help teachers in the bilingual classroom or teachers of student of limited proficiency in speaking English to understand and 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. Prerequisite: LI-305. Spring semester, alternate years. To be offered 1981/82.

LI LINGUISTICS

507 Introduction to Language Studies (3 credits). A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory. Prerequisite: English 102 or consent of Department Chairman. Fall semester.

507 Applied English Linguistics (3 credits). Application of linguistic theory and concepts to the teaching of English grammar and composition. Analysis of specific problems of instruction encountered in instruction. Examination of texts and materials, reports on pertinent articles in professional journals and demonstrations. For teachers or prospective teachers of secondary schools. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

509 History of the English Language (3 credits). A study 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. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

DEPARTMENT OF FOREIGN LANGUAGES AND LITERATURE

Chairman and Associate Professor: Dr. John B. Robertson, Professors: Jocums, Valverde, Associate Professors: Jose, Schoonover, Emeriti: Power, deNeufville.

REQUIREMENTS OF FOREIGN LANGUAGE CANDIDATES

Bachelor of Arts Degree

Completion of general university requirements for the Bachelor of Arts. (See pages 25-27.)

GERMAN MAJOR, B.A. Option

1. To begin the program for the B.A. in German, the student must demonstrate competency in German equivalent to the completion of elementary (G 101-102) and intermediate (G 201-202) German—16 credit hours. Competency must be demonstrated by course work or placement/challenge procedure.

2. The program has a minimum of 36 semester hours of upper division work, 30 credits must be in German and 12 credit hours of these 30 must be on the 400 level.

3. The candidate must successfully complete one Senior Seminar.

4. The program must be developed in consultation with the major advisor and the department chairman.

5. The candidate must demonstrate his or her level of language competency in German on the MLA or equivalent examination during the last semester in the program.

GERMAN MAJOR, B.A. with Teaching Option

In addition to meeting the requirements for the B.A. in German, the candidate for a teaching certificate must also complete the following:

1. Requirements as indicated in the School of Education, Part VI.
2. From among the courses provided to complete 30 credit hours in German, the candidate must include: 6 credits of advanced conversation and composition and 6 credits of culture and civilization.

3. The candidate must successfully complete the foreign language methods course, FL 412. G 410 is recommended.

GERMAN, Teaching Option with a minor endorsement. (21 credit hours)

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

1. Demonstrate competence equivalent to the completion of elementary (G101-102) and intermediate (G201-202) German—16 credit hours, either by course work or by placement/challenge procedure, prior to beginning the option.

2. Advanced German Conversation and Composition (G303, G304), 6 credits.

3. German Culture and Civilization (G376, G377 or G475), 6 credits.

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

5. Teaching Methodology in foreign languages (FL412), 3 credits.

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

SPANISH MAJOR, B.A. Option

To begin the program for the B.A. in Spanish, the student must demonstrate competency in Spanish equivalent to the completion of elementary (S101-102) and intermediate (S201-202) Spanish—16 credit hours. Completion must be demonstrated either by examination or course work.

The program has a minimum of 36 semester hours of upper division work, 30 credits must be in Spanish and 12 credit hours of these 30 must be on the 400 level.

The candidate must successfully complete one Senior Seminar.

The program must be developed in consultation with the major advisor and the department chairperson.

The candidate must demonstrate his or her level of language competency in Spanish language and civilization on the MLA or equivalent examination during the last semester in the program.

SPANISH MAJOR, B.A. with Teaching Option

In addition to meeting the requirements for the B.A. in Spanish, the candidate for a teaching endorsement must complete the following:

1. Requirements in the School of Education as indicated in Part VI.

2. From among the courses provided to complete 30 credit hours in Spanish, the candidate must include: 6 credit hours of advanced conversation and composition and 6 credits of culture and civilization (specifically S376 and S377). S475 may be substituted for either S376 or S377 but both peninsular Spanish civilization and Latin American Civilization must be represented.

3. The candidate must successfully complete applied Spanish linguistics, (S410) and the foreign language methods course, FL 412.

4. The candidate must also take, in addition to the Language and culture section, the teaching methodology & linguistics section of the MLA Proficiency Exam.

SPANISH, Teaching Option with a minor endorsement (23 credit hours)

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

1. Demonstrate competency equivalent to the completion of elementary (S101-102) and intermediate (S201-202) Spanish—16 credit hours, either by taking the courses or by examination, prior to beginning the option.

2. Advanced Spanish Conversation and Composition (S303, S304), 6 credits.

3. Spanish and Spanish-American Culture and Civilization (S376 & S377), 6 credits. S475 may be substituted for either S376 or S377 but both peninsular Spanish civilization and Latin American Civilization must be represented.

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

5. Applied linguistics in Spanish (S410) 3 credits and Teaching methodology in foreign languages (FL 412) 3 credits.

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

FRENCH, Teaching Option with a minor endorsement. (21 credit hours)

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

1. Demonstrate competency equivalent to the completion of elementary (F101-102) and intermediate (F201-202) French—16 credit hours, either by course work or by examination, before beginning the option.

2. Advanced French Conversation and Composition (F303 & F304), 6 credits.

3. French Culture and Civilization (F376 & F377), 6 credits.

4. French literature, 6 credits.

5. Teaching Methodology in foreign languages (FL412), 3 credits.

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

PLACEMENT TEST

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

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


b. Successfully complete a course for which there is a second language prerequisite, see BSU Bulletin, page 22.

c. Demonstrate level of competence by a recognized test: 1. national test such as MLA, FSI, CLEP or 2. as administered through another university with recognized authorities in the language being tested, and certified in writing by that authority. And, with this option, the student shall also follow the administrative steps for a regular challenge; see BSU Bulletin, page 20.

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

COURSES

FL FOREIGN LANGUAGE

412 Teaching Methodology in Foreign Languages (3 credits). This course is designed for prospective and practicing Foreign Language teachers. Theoretical discussions of various problems and trends in language learning will be applied to practical issues in order to illustrate how the proposed activities and techniques can facilitate language acquisition. Emphasis on an evaluation of Foreign Language objectives, methods of instruction, and culture content, with special reference to classroom settings and interaction, testing and evaluation, educational media and language laboratory, resources and bibliography. Each student is encouraged to develop innovative and creative means of teaching. Local foreign language, secondary classrooms will be visited. Final grade based on: Class contribution, readings, written projects, practicum, and final examination (in all of which a foreign language competency is assumed). Prerequisites: a minimum
SCHOOL OF ARTS & SCIENCE

LOWER DIVISION

101-102 Elementary French (4 credits each). These two courses provide the opportunity to develop functional competency in understanding, reading, writing and speaking French. Students will read cultural units and compose dialogues and compositions in French. Format of the course: Classroom instruction, conversation lab and practice in the language laboratory. Students who have had more than one year of high school French or its equivalent may not enroll in F 101 for credit except by permission of the instructor and the Department Chairman. Either semester.

201-202 Intermediate French (4 credits). Following language competency equivalent of F 102, students continue developing the four language skills. These courses provide the milieu to acquire adequate competence in the comprehension and production of French. There will be reading and writing assignments focused on French culture and current events. Prerequisite: F 102 or equivalent as determined by placement examination and consultation. Either semester.

UPPER DIVISION

303 Advanced French Composition and Conversation (3 credits). This course, conducted in French, provides the matrix for enlarging one's French vocabulary and structure, and for speaking and writing French fluently. There will be discussions on technical realities of the French speaking world: concentrating on the common and high frequency expressions of the language. Essays based on class discussion will be written regularly. Prerequisite: F 102 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

304 Advanced French Composition and Conversation (3 credits). This course has similar objectives as F 303. Discussions and essays will concentrate on the civilization, culture and aesthetic life of France and Francophone countries. Prerequisite: F 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

328 Lectures avancees de la poesie et de la prose francaises (3 credits). Selected unabridged works of great French authors, all genres, between 1715 to 1839, with emphasis on prose. May be repeated once for credit. Prerequisite: F 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

356 Les grandes oeuvres contemporaines (1939 to the present) (3 credits). Representative analyses of the works of major authors and the thinkers of France and the French speaking world since the beginning of the second World War; for example, Ayme, Beckett, Sarl, Camus, Levy-Strauss and Chardiner among others. Prerequisite: F 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

376 La Civilization francaise historique (3 credits). Studies in the development and expansion of French culture from pre-history to the French Revolution: history, politics, art, geography, literature, music and science; assessment of the contribution of French Civilization to the Western World. Prerequisite: F 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

377 La Civilization francophone moderne (3 credits). Studies in modern French civilization since the end of the "ancien regime." the French Revolution: history, politics, art, geography, literature, music and science: assessment of France's contribution to the modern democracies. Prerequisite: F 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

G GERMAN

LOWER DIVISION

101-102 Elementary German (4 credits). This course emphasizes listening, speaking, reading and writing skills. Readings include cultural subject matter. Minimum of one hour lab work per week expected. Four class contact hours per week. Each semester. Students may not enroll in 101 for credit if they have had more than one year of high school German or equivalent. With permission of the instructor, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Either semester.

G 101-P G 102P Programmed Elementary German (4 credits each). Completely self-paced course with programmed texts, tapes, readings and informal meetings with instructor. Performance tests administered as students work through program at own pace. Work can be done in language laboratory or student may have own cassette player. Students may not enroll in 101-P or 102-P if they have had more than one year of high school German or equivalent, but may do so with permission of the instructor if their preparation has been inadequate. Students may not receive credit for both G 101-P and G 102-P. Either semester.

201-202 Intermediate German (4 credits). A continuation of G 101-102. This course emphasizes listening, speaking, reading and writing. Focus on vocabulary, grammar, cultural and literary reading selections and writing assignments. Minimum of 1 hour lab work per week expected. Prerequisite: G 102 or equivalent as determined by placement examination and consultation. Either semester.

UPPER DIVISION

303 Advanced German Conversation and Composition (3 credits). Intended to give students practice towards idiomatic fluency in language skills. Current German newspapers, magazines and modern essays, films, tapes and slides form the basis of class work. Lab work and frequent written work. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered Fall 1980.

331 Introduction to German Literature and Literary Studies (3 credits). Major writers and periods provide samples from various genres and an overview of German literary development. The course is intended to provide background knowledge. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in Fall semester.

376 German Culture and Civilization (3 credits). German civilization from the prehistoric times to the 18th century. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Some outside readings in English. Prerequisite: G 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years.

419 Applied Linguistics for the German Language Teacher (2 credits). Application of the main concepts, aspects and features of modern linguistics to specific problems entailed in the teaching of the German language. Functional application of linguistic theory to foreign language teaching and learning practices with emphasis on the analysis of the ways in which traditional, descriptive, and transformational models deal with the system of language in the areas of phonology, morphology and syntax. Prerequisite: LI 202 and a minimum of 6 credits of upper division German and/or inservice teaching and/or equivalency as determined by placement test and interview. Alternate years.

445 Die Aufklarung und der Sturm und Drang (18th Century) (3 credits). Essays, plays, travel works, pro and anti-revolutionary poetry and oratory. Readings will be taken from the work of Lessing, Goethe, Schiller, Herder, Lessing, Kotzebue, J.M.R. Lentz, the early Goethe and Schiller and others. Prerequisite: G 331 or permission of instructor. Offered in Spring 1982.

455 "Als der Krieg zu Ende war ... " (1945-present) (3 credits). Selections will be taken from the writings of Gottsched, Haller, Klopstock, Lichtenberg, Kant, Herder, Schiller, Lessing, Kotzebue, J. M. R. Lenz, the early Goethe and Schiller and others. Prerequisite: G 331 or permission of instructor. Offered in alternate academic years. Offered Fall 1981.

480 Senior Seminar (3 credits). Required of all German majors in the Liberal Arts Option. Individual research into an area of interest or original seminar work. The research culminates in a paper to be presented to the seminar. Prerequisite: Senior standing or permission of instructor. Offered in Spring, 1981.

GR GREEK

101-102 Greek Language & Literature (3 credits/semester). 6 credits. An intensive, one year, introductory course intended to provide the university student with a basic reading ability in the ancient Greek language, and a basic knowledge of the forms and variety of ancient classical and Christian Greek literature. In the first semester, the vocabulary, forms and syntax of the language are studied, with most illustrated through reading exercises and passages excerpted from the ancient authors. In the second semester, the grammatical survey is completed, while translation and analysis of selected paged and Christian texts is undertaken. The course illustrates the debt of modern languages to Greek. Offered in alternate years.

LA LATIN

101-102 Latin Language & Literature (3 credits/semester). 6 credits. An intensive, one year, introductory course intended to provide the university student with a basic reading ability in the ancient Latin language. In the first semester, the vocabulary, forms and syntax of the language are emphasized, with most illustrated through reading exercises and passages excerpted from the ancient authors. The survey is completed, while translation and analysis of selected historical and literary texts is

52
undertaken. Etymological study throughout the course illustrates the debt of modern languages — particularly English and the Romance tongues — to Latin. Offered in alternate years.

R RUSSIAN

101-102 Elementary Russian (4 credits). This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Russian. Classes meet 4 times a week, and there is one hour per week of required laboratory practice. The class is conducted in Russian. Fall and Spring semester. Offered in alternate academic years.

S SPANISH

LOWER DIVISION

101-102 Elementary Spanish (4 credits). Designed to develop abilities in understanding, speaking, reading, and writing Spanish. Offers a broad introduction to grammatical structure and vocabulary. Readings and audiolingual activities introduce the student to the Hispanic culture. Minimum of 1 hour lab work and 4 contact class hours each week per semester. Students may not enroll in 101 for credit if they have had more than one year of high school Spanish or equivalent. With permission of the instructor, it is possible for a student enrolled in S 102 and who lacks adequate preparation to drop back to 101.

201-202 Intermediate Spanish (4 credits). Intended to further develop Spanish language skills, both oral and written. Intensive review of fundamentals of structure and vocabulary. Topics for conversation, reading, and writing focus upon culture of the Hispanic countries. Minimum 1 hour lab work and 4 contact class hours per week. Prerequisite: S 102 or equivalent as determined by placement examination and consultation.

UPPER DIVISION

303 Advanced Spanish Conversation and Composition (3 credits). A practical course to continue expanding facility in expressive conversation as well as accuracy in writing Spanish. Offers an analysis of grammar and expansion of vocabulary through cultural and literary readings. Discussion of topics related to Hispanic contemporary trends, current events, everyday life, and other themes of immediate concern to the student. Prerequisite: 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in Spring 1982.

304 Advanced Spanish Conversation and Composition (3 credits). Designed to continue expanding facility in expressive conversation as well as accuracy in writing Spanish. Discussion of topics related to contemporary Hispanic world, and other areas of immediate concern to the student. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in Spring 1981.

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

375 Cultura y Civilización Española (3 credits). Spanish civilization from earliest Iberian beginnings to the present. Special attention given to contributions of Spanish to Western world. Discussions conducted in Spanish. Readings based on primary sources. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in Spring 1981.

376 Cultura y Civilización Hispanoamericana (3 credits). Spanish-American civilization from ancient origins to contemporary times. An intensive analysis of the historical, political, economic, social and cultural developments of the Hispanic-American nations, and their contributions to the western world. Discussions in Spanish; some readings in English. Papers required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in Fall 1980.

385 La Gente Mexicana-Americana en los Estados Unidos (3 credits). A bilingual/bicultural course dealing with the historical roots of Mexican-Americans, through the Spanish conquest of Mexico and the Colonial period, the Mexican-American War, and the development of the Mexican-American people to the present in the United States over the past 130 years, including the "Chicano" "La Raza", "La Causa", and other recent social and political movements. Readings and papers in Spanish and English required. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in Spring 1981.

410 Applied Linguistics for the Spanish Language Teacher (2 credits). Application of the main concepts, aspects and features of modern linguistics to specific problems entailed in the teaching of the Spanish language. Functional application of linguistic theory to foreign language teaching and learning practices with emphasis on the analysis of the ways in which language is used in traditional, descriptive and transformational models deal with the system in the areas of phonology, morphology, syntax, and semantics. Prerequisite: LTI 336 and a minimum of 6 credits of upper-division Spanish and/or in-service teaching and/or equivalency as determined by placement test and interview. Alternate years.

425 Literatura Mexicana-Americana (3 credits). Representative works by major Mexican-American authors, with emphasis on socio-cultural as well as literary values. Among them: Montoya, Alvarez, Ponce, Elizondo, Sánchez, Padilla, Rivera, Mendoza, Maldonado, Muro, Navarro, Espinosa, Ortégua, Vázquez, Valdés, Barrio, Villarreal. Prerequisite: S 202 or equivalent as determined by placement examination and consultation. Offered in alternate academic years. Offered in alternate years.

435 Literatura Contemporánea Española (3 credits). Literature of ideas in contemporary Spain through major representative authors and works: Unamuno, Pío Baroja, Azorín, Valle-Inclán, Benavente, Machado, Ramón Jiménez, Pérez de Ayala, Ortega y Gasset, García Lorca, Cela, Buero Vallejo, Bias de Otero. Prerequisite: S 331 or permission of the instructor. Offered in alternate academic years. Offered in Fall 1981.

445 Literatura Española: Siglos XVIII y XIX (3 credits). The main manifestations of thought and aesthetic movement of the eighteenth and nineteenth centuries. Emphasis on Romanticism: Feijoo, Cadalso, Moratin, Rivad, Valdés, Espronceda, Larra, Zarilla, Bequer, Viera, Pérez Galdós, Clarín. Prerequisite: S 331 or permission of instructor. Offered in alternate academic years. Offered in Fall 1981.

457 Literatura Hispanoamericana: Siglo XIX (3 credits). A detailed study of the representative movements, periods, and works of Spanish-American literature, from the Colonial period to the end of the 19th Century: Sierra, Echeverría, Bolívar, Agustín, Rivera, Calderón de la Barca. Prerequisite: S 331 or permission of instructor. Offered in alternate academic years. Offered in Spring 1981.

458 Literatura Hispanoamericana: Siglo XX (3 credits). An introduction to the major authors, works, movements, and periods of the Spanish-American literature, from the Colonial period to the 20th Century: Céspedes, La Pradera, Rojas, Prendes, Serrano, Prat. Prerequisite: S 331 or permission of instructor. Offered in alternate academic years. Offered in Fall 1981.

465 Literatura Española Medieval y Renacentista (3 credits). An introduction to the major authors' works, movements, and periods of Spanish literature, from its beginnings to the end of the 15th Century: Poema del Cid, Berceo, Juan Manuel, Juan Ruiz, Sanz, Azorín, Benavente, Rojas, Prendes, Serrano, Prat. Prerequisite: S 331 or permission of instructor. Offered in alternate academic years. Offered in Fall 1981.

475 Eventos Contemporáneos de Gentes y Paises Hispanohablantes (3 credits). A lecture and discussion course based on current social, economic, cultural and political events faced by Spanish-speaking countries. Special attention given to a comparative examination and analysis of the people, viewpoints, and institutions, as well as the problems, issues and trends facing the people in their respective countries today. Prerequisite: S 375 or S 202 or S 327 or S 324. Offered in alternate years. Spring semester.

498 Senior Seminar (3 credits). Exploration of fields of special interest, either literary or social studies oriented. Individual thought and research culminate in a paper to be presented to the seminar. Practical application of independent study approaches, research methods, and bibliography format. Required of all Spanish majors. Liberal Arts Emphasis. Prerequisite: Senior standing or permission of instructor. Offered in Spring 1981.

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

Chairman Professor: Dr. Monte D. Wilson; Professors: Hollenbaugh, Spinosa, Warner, Wilson; Associate Professor: Donaldson, Hardman, Wood; Assistant Professor: Delisto; Research Associate: Saunders.

The Department of Geology and Geophysics provides four degree programs: 1) Bachelor of Science in Geology, 2) Bachelor of Science in Geophysics, 3) Bachelor of Science in Earth Science Education, and 4) Master of Science in Secondary Education, Earth Science Emphasis. Earning a Master's degree in geophysics requires two years of study. Offerings in Geophysics meet the 15 credit requirement under the 30-15-15 Social Sciences Secondary Education Degree Program offered in the departments of Economics, History, Political Science, and Societal and Urban Studies.

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

The program leading to the B.S. degree in Geophysics is designed for those students who would like a career in applied geophysics or who plan to attend graduate school. The need for geophysicists has grown greatly in recent years with the increasing use of geophysics by scientists in fields such as medicine, industry, and education.

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

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

It is strongly recommended that high school students who plan to enter the geology, geophysics, or earth science program include chemistry, physics, and as much mathematics as possible in their high school program.

**GEOLOGY MAJOR**

(Bachelor of Science Requirements)

1. Geology Major:
   1. General University and Baccalaureate Degree Requirements. See pages 24-26 for Graduation Requirements.

2. Major Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>A. Geology</th>
<th>Physical Geology</th>
<th>Historical Geology</th>
<th>Mineralogy</th>
<th>Petrology</th>
<th>Sedimentology</th>
<th>Stratigraphy</th>
<th>Structural Geology</th>
<th>Invertebrate Paleontology</th>
<th>Field Geology</th>
<th>Geology Seminar</th>
<th>Geology electives to total 45 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

B. College Chemistry

| C. General Physics
| 8 |

D. Mathematics through M-204

| E. Astronomy |
| 4 |

F. Recommended Electives

<table>
<thead>
<tr>
<th>Geology</th>
<th>Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>Life Science</td>
</tr>
<tr>
<td>6-8</td>
<td></td>
</tr>
</tbody>
</table>

3. Education Requirements

The following are required for Secondary Teaching Certification in Idaho:

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

**EARTH SCIENCE EDUCATION MAJOR**

(Bachelor of Science Requirements)

1. General College and Baccalaureate Degree Requirements. See pages 24-26 for Graduation Requirements.

2. Major Requirements

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>A. Geology</th>
<th>Physical Geology</th>
<th>Historical Geology</th>
<th>Meteorology</th>
<th>Geology Seminar</th>
<th>Geomorphology</th>
<th>Geology electives to total 30 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

B. College Chemistry

| C. General Physics or General Biology |
| 8 |

D. Mathematics through M-204

| E. Astronomy |
| 4 |

F. Recommended Electives

<table>
<thead>
<tr>
<th>Geography</th>
<th>Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>Life Science</td>
</tr>
<tr>
<td>6-8</td>
<td></td>
</tr>
</tbody>
</table>

3. Education Requirements

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

**EARTH SCIENCE EDUCATION MAJOR**

(Suggested Program)

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>Historical Geology</td>
<td>5</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>16</td>
</tr>
</tbody>
</table>

| SOPHOMORE YEAR: |
| Mineralogy | 4 |
| Petrology | 4 |
| General Physics | 4 |
| Degree Requirements | 3 |
| Electives | 15 |

| JUNIOR YEAR: |
| Sedimentology | 4 |
| Stratigraphy | 3 |
| Structural Geology | 4 |
| Paleontology | 4 |
| Degree Requirements | 6 |
| Electives | 17 |

| SENIOR YEAR: |
| Field Geology | 4 |
| Seminar | 1 |
| Degree Requirements | 3 |
| Upper Division Electives | 6 |

**FRESHMAN YEAR:**

- English Composition
- Physical Geology
- Historical Geology
- Mathematics
- College Chemistry

**SOPHOMORE YEAR:**

- Foundations of Education
- Geography
- General Physics or General Biology
- Intro to Ocean Geology
- Meteorology
- General Psychology
- Degree Requirements
- Astronomy

**JUNIOR YEAR:**

- Upper Division Geology
- Degree Requirements
- Upper Division Electives
- Geomorphology

**SENIOR YEAR:**

- Educational Psychology
- Upper Division Geology
- Seminar
- Secondary School Methods
- Student Teaching
- Education Electives
- Upper Division Electives
- Audio Visual Aids
GEOPHYSICS MAJOR
(Bachelor of Science Requirements)

1. General college and baccalaureate degree requirements.
2. Major requirements:
   A. Geophysics
   B. Geology
   C. Chemistry
   D. Physics
   E. Mathematics
   F. Recommended electives

FRESHMAN YEAR:

Sophomore Year:

Junior Year:

Senior Year:

GEOPHYSICS MAJOR
(Suggested Program)

1ST SEM.

2ND SEM.

1. General college and baccalaureate degree requirements.
2. Major requirements:
   A. Geophysics
   B. Geology
   C. Chemistry
   D. Physics
   E. Mathematics
   F. Recommended electives

FRESHMAN YEAR:

Physics I
Physical Geology
Calculus & Anal. Geometry
English Composition
Digital Comp. Programming

Physics I, II, III and labs.

M-204, 205, 206
Advanced Engineering Math
M-124 or EN-104

Electricity and Magnetism

PH-301, 392
Chemistry C-321, 322

Physics GO-403, 412, 421; 431

SCHOOL OF ARTS & SCIENCE

GO GEOLOGY

LOWER DIVISION

106 Fundamentals of Geology (4 credits). An introduction to the principles of physical and general geology. Topics include weathering, erosion, glacialism, earthquakes, the study of rocks, minerals, maps, the origin of the earth and its physical and biological development. Open to all students except those with previous credit in geological science or earth science majors, and those requiring an 8-hour sequence in geology. Three lectures and one two-hour lab per week. Each semester.

101 Physical Geology (4 credits). A study of the origin and development of the earth's materials, land forms, internal structures, and the physical processes acting on and in the earth to produce continuous change. Topics include weather, erosion, glaciation, volcanism, metamorphism and igneous activity, mountain building, earthquakes, and the origin of continents, ocean basins, and landscapes. The laboratory provides instructive work in the examination of rocks and minerals, and the use of topographic and geologic maps. Three lectures and one two-hour laboratory per week. Field trips required. Each semester.

102 Historical Geology (4 credits). 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. Three lectures and one three-hour laboratory per week. Prerequisite: Physical Geology. Each semester.

105 Rocks and Minerals (3 credits). A systematic study of rocks and minerals, with emphasis on physical characteristics and methods of identification. Field trips and laboratory sessions are a part of the course for those taking the class for credit. Prerequisite: High school chemistry or permission of the instructor. Either semester.

111 Geology of Idaho and the Pacific Northwest (3 credits). A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and scenic features, structures and stratigraphic features, mineral deposits, fossil and general geologic phenomena of the present and remote past. Three one-hour lectures per week and two field trips. Prerequisite: Physical and Historical Geology or consent of instructor. Spring semester, alternate years. Offered 1974, not offered 1975.

201 Introduction to Ocean Geology (3 credits). A general study of the physiography, the structure, and the sediments of the ocean floors and the geologic processes and environments represented thereby. Methods and instruments of ocean floor investigation are also studied. Three one-hour lectures per week. Prerequisite: Historical Geology. Spring semester.

213 Introduction to Meteorology (3 credits). An introduction to the study of weather phenomena in terms of origin, distribution, and classification. Instruments and research methods are also investigated. Prerequisite: Physical Geology. Three one-hour lectures. Fall semester.

221 Mineralogy (4 credits). A study of genesis, distribution and classification of minerals. This includes some crystallographic, optical, and chemical methods. Laboratory work consists of mineral analysis and observation by the use of microscopes, chemicals, and models. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Historical Geology and College Chemistry or concurrent registration in College Chemistry. Fall semester.

222 Petrology (4 credits). Study of igneous, sedimentary, and metamorphic rocks with emphasis on physical and chemical conditions controlling the origin, occurrence, and association of the various rock types. Field relationships, identification of rocks in hand specimen, and an introduction to microscopic analysis. Three one-hour lectures and one three-hour lab per week as well as two all-day Saturday field trips. Prerequisite: Mineralogy. Spring semester.

250 Principles of Paleontology (3 credits). A course designed for non-geology majors, especially those planning to teach in the biological sciences. The course provides an overview of the various fields of paleontology. Evolution, taxonomy, and descriptions of important fossil groups will be stressed. Laboratory periods will be used to study small collections of fossils and to introduce the student to simple museum techniques of fossil preparation and display. A term paper or project is required. Two one-hour lectures and one three-hour laboratory per week. Prerequisites: Any introductory course in geology, biology, zoology, or botany or consent of the instructor. Either semester.

UPPER DIVISION

311 Sedimentology (4 credits). A study of the classification of sedimentary rocks and all processes involved in their genesis. Major headings are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Laboratory work consists of microscopic, chemical and other analyses of sedimentary rocks and of a study of the methods and instruments used in standard treatment of sediment for mapping and research. Three one-hour lectures and one two-hour laboratory per week. Prerequisite: Mineralogy. Fall semester.

312 Stratigraphy (3 credits). The study of sedimentary strata with chronology as its special purpose. Emphasis is placed on genetic environments, natural sequences of formations and facies, and correlation techniques. The classification and dating of sedimentary units is the end result. Three one-hour lectures, field trip and special projects and a report required. Prerequisite: Sedimentology. Spring semester.

313 Geomorphology (3 credits). A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers and the processes by which they are formed and changed. Laboratory work consists of map studies and field investigations. Two lectures and three one-hour laboratory per week. Prerequisite: Historical Geology. Fall semester.

314 Structural Geology (4 credits). A study of the physical nature of rocks, the origin, description, classification, and interpretation of deformational structures of the earth's crust, and the principal theories of deformation and orogeny. Lab problems in recognition and analysis of geologic structures, the geometry of faults and folds, construction of maps and cross sections, and the use of aerial photos. Field trips. Three lectures and
one three-hour lab per week. Prerequisite: Historical Geography and College Algebra and Trig. Fall semester.

221 Optical Mineralogy (4 credits). The theory and application of the polarizing microscope, with an examination of minerals according to the general theory of crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral examination. Laboratory experience in the preparation of materials for optical study and diagnostic techniques form mineral identification. A systematic survey of the optical properties of minerals. Prerequisite: GO-222. Fall semester.

222 Petrography (4 credits). An Introduction to the study of rocks in thin section by means of the polarizing microscope. The interpretation of the origin and history of igneous, metamorphic, and sedimentary rocks based primarily on features observed in this section. A systematic survey of the major rock types with emphasis on texture, mineralogy, and classification. Prerequisite: GO-331. Spring semester.

223 Invertebrate Paleontology (4 credits). The study of the invertebrate phyla representing the fossil record, with emphasis placed on the evolutionary, taxonomic, phylogenetic, and paleoanthropological significance of various groups. Laboratory work based on standard collections made by the students during field trips. Three hours of lectures, four hours of labs. Prerequisites: Historical Geography or Advanced General Biology. Fall semester.

423 Engineering Geology (3 credits). Application of geology to engineering projects. Aspects of geology include selected principles from structural geology, petrology, geomorphology, hydrogeology, and soil mechanics. These principles are applied to construction and maintenance of transportation routes, dams, canals, bridges, building foundations and tunnels. Case histories of major projects are studied. Two lectures per week; field trip required. Prerequisite: Structural Geology and stratigraphy or permission of instructor. Spring semester.

412 Groundwater Geology (3 credits). A study of the origin of water found beneath the earth's surface and the geologic conditions which permit the movement, work, and storage of water. Emphasis is placed on the relationship between structural, stratigraphic and paleotectonic conditions most conducive to the formation of ground water reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratigraphy. Fall semester.

421 Ore Deposits (3 credits). The genesis, structure, mineral associations and classification of economic deposits of minerals. Discussion of modern theories of ore deposition, origin and migration of ore-bearing fluids, and the processes of alteration, secondary enrichment, paragenesis, and zoning. Consideration is given to the controls or ore occurrence and to the economics of exploration, development, and use of ores. Three lectures per week. Field trip required. Prerequisites: Mineralogy and structural geology. Spring semester.

431 Petroleum Geology (3 credits). 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. Two one-hour lectures and three-hour lab per week. Prerequisites: Structural Geology and Sedimentology. Alternate years. Spring semester. Offered 1979.

471 Regional Field Study and Report Writing (1 credit). This course constitutes library research and preparation of reports, geological maps, road logs, and a field trip guide book pertaining to various geologic topics relative to a specific region. That region, to be designated at the beginning of the semester, is then visited and studied during a field trip; the trip is ordinarily taken during the spring semester vacation period. Rocks, minerals, and fossils collected during the trip and photographs of specific merit are keyed to the guidebook, which is then compiled into final report form. One lecture per week; field trip required. Prerequisite: upper division standing or consent of the instructor. Spring semester.

482 Field Geology (4 credits). Application of geologic principles and currently used field techniques to the solution of field problems. Work includes measurement and correla-
tion of stratigraphic sections, geologic mapping, topographic mapping, geologic mapping on aerial photographs and morphic terrains. Instructor will be by appropriate specialist geologists. A formal report of professional quality is required. One lecture and three three-hour field trips per week. Prerequisite: Senior standing and permission of Geology Department Chairman. Spring semester.

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

GG GEOGRAPHY

LOWER DIVISION

101 Introduction to Geography (3 credits). A comprehensive survey of various environmental conditions and regions based primarily on features observed in this section. A systematic survey of the major rock types with emphasis on texture, mineralogy, and classification. Prerequisite: GO-331. Spring semester.

102 Cultural Geography (3 credits). Cultural Geography is a study of the distribution and character of man's cultural activities throughout the world. These activities will be viewed in two respects: 1) How culture affects the physical world; 2) How the physical world affects cultural activities. Lectures, slide, motion picture presentations on topics related to this interest. Field trips are non-compulsory, in that little math is required. Course materials consist of text, slides, motion pictures, as well as maps and globes. Prerequisite: consent of the instructor.

221 Geography of Idaho and the Pacific Northwest (3 credits). The course deals with the physical and cultural geography of the Pacific Northwest, with particular emphasis on Idaho. Stress is placed on the continuing physical, biological, social, political and economic changes the region is undergoing. In addition, the role of the Pacific Northwest in relation to the rest of the United States is studied. Sources of information available to the student include textbooks, readings from professional journals, the Idaho Historical Society, and slides, motion pictures and writings of area researchers.

231 Comparative Geography of Canada and Latin America (3 credits). The course is a comparative study of the natural and cultural geographies of Canada and Latin America. Comparative, and contrastive investigations of the major biomes in the region, landscapes, flora and fauna, and cultural problems of the region. Prerequisites: GO-101 or GO-102 and one 300 level course in geography. Other courses of the major world areas will also be explored. Films, slides, and guest speakers — along with approximate texts will be used. Prerequisite: Intro to Geography or consent of instructor.

241 Comparative Geography of Africa and the Far East (3 credits). A study of the physical and cultural geography of Africa and the Far East, with emphasis on the relations and changes within these regions. Lecture topics include the various landscapes, flora and fauna, peoples and geographic problems. Slide presentations, overhead transparencies, motion pictures, current researchers and native speakers, as available, are resources for the course. Prerequisite: Intro to Geography or consent of instructor.

UPPER DIVISION

281 Historical Geography of the United States (3 credits). Historical Geography is the study of the past geography of various places or regions. The course graphically reveals the constant theme of change inherent in both history and geography. Students will explore the dynamics of geographic change, the historical geography of particular regions of the earth, and the effects of past geographical circumstances on present geography. The course uses both geographical and historical resources, including those written by professional historical geographers. Prerequisite: GO-101 or consent of instructor.

311 World Economics Geography (3 credits). Economic Geography is the study of the areal distribution and variation of resources and man's activity related to producing, consuming, and exchanging commodities and products. Economic activities and materials are examined in the context of where they are located, what their characteristics are, and to what national and international phenomena they are related. Prerequisite: GO-101 or consent of instructor.

321 Conservation of Natural Resources (3 credits). Resource conservation is a course aimed at developing the student's awareness of resource use and conservation. The course has five major thrusts: 1) a perspective on conservation, 2) character of land resources, 3) character of water resources, 4) mineral resources, 5) the demands of population on the resource base. These topics may be viewed as a single entity, or as they act in concert. Prerequisite: GO-101 or consent of the instructor.

GP GEOPHYSICS

UPPER DIVISION

301 Introduction to Geophysics (3 credits). The course is a survey of surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computer fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to the solution of geologic problems in exploration geology (economic and petroleum), engineering geology and groundwater geology will be stressed. Spring semester. Prerequisites: Physics 220 and Geology 101 or consent of instructor.

325 Physics of the Earth (3 credits). The course will include a discussion of the earth's gravity, magnetism, electricity, seismic, heat and radiation. The relation of these properties in understanding the complexities of the earth. Fall semester. Prerequisite: Physics 220 or consent of instructor.

451 Applied Geophysics I (5 credits). A detailed treatment of the applications of geophysical methods used in petroleum and mineral exploration and geotechnical investigations. Practical laboratory and field studies will be conducted using geophysical instrumentation. Theory, data acquisition, data reduction and data interpretation will be emphasized. Four one-hour lectures and one-three hour lab. Fall semester. Prerequisites: GO-314, GP-301, PH-221 and M312.

452 Applied Geophysics II (5 credits). A continuation of GP-451 with emphasis on field procedures, equipment array and geophysical surveying techniques. Four one-hour lectures, one three-hour lab and numerous field problems. Spring semester. Prerequisite: GP-451.
Department of History requires that at least 9 of the 21 history credits be upper division, that 6 hours of the 21 hours be in U.S. history to meet state certification requirements, and that the remaining courses be selected to complement their major.

IV. History Minor Option

Minor certification endorsements for teaching areas are listed in the Bulletin on page 107 of the Department of Teacher Education section within the School of Education division.

II. Secondary Education Option

A. Liberal Arts Option

B. History requirements:

1. Lower Division Courses
   - History of Western Civilization (HY 101, 102, 103 or 201, 202, 203) 9
   - U.S. History (HY 151, 152 or 251, 252) 6
   - Seminar or Colloquium 3
   - History Seminar 3
   - Upper Division History (minimum) 12
   - Additional history upper or non-required lower division 6

C. Electives

   - American National Government 3
   - Education requirements for State Certification for Secondary Education 22-27

D. Electives

   - Lower Division Courses 18

   - History of Western Civilization (HY 101, 102, 103 or 201, 202, 203) 9

   - United States History (HY 151, 152 or 251, 252) 6

   - Study & Methods of Teaching History 3

   - Upper Division American History Elective 3

   - Seminar or Colloquium 3

   - Upper Division History (minimum) 12

   - Additional history electives upper or non-required lower division 6

C. Education requirements for State Certification for Secondary Education 22-27

D. Electives

   - 18-13

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

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

III. History — Social Science Secondary Education Option

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

A. Lower Division courses:

   - U.S. History (HY 151, 152 or 251, 252) 6
   - Western Civilization (HY 101, 102, 103 or 201, 202, 203) Any 6 credits 6
   - Study & Methods of Teaching History (HY 211) 3

B. Other History Courses (minimum of 15 U.D.— upper division)

   - 3 U.D. American History 18

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

Social Science Curriculum Minor

Being a Social Science Curriculum major is available in the various social science disciplines in which their courses would constitute the 30-credit core of the major and history would serve as one of the associated 20-credit blocks. For such a major the...
335 The National Era, 1815-1848 (3 credits). The development of American nationalism; the Era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; the Mexican War. Prerequisite: HY-151 or consent of instructor. Spring semester.

354 Civil War and Reconstruction (3 credits). A study of the origins of the conflict between the states, the encounter and the problems of reunification. Prerequisite: HY-151 or HIST-152 recommended. Either semester, alternate years.

355 Western America (3 credits). The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will be on the migration of people in the TransMississippi West. HY-151 recommended. Either semester, alternate years.

356 The Indian in American History (3 credits). Examination of the Indian’s role in American development and the impact of white society on Indian culture. The course investigates early Indian-white contacts, the development of European rivalries in North America and the Indian’s part in these rivalries, and the origins of United States Indian policy. termination and the current Indian dilemma are studied. Opportunity is provided for the pursuit of in-depth individual study. Prerequisite: Upper Division standing or completion of HY-151-152. Either semester, alternate years.

357 Idaho and the Pacific Northwest (3 credits). Political, economic and social development of the Pacific Northwest with emphasis upon the people, customs, and institutions of Idaho. HY-151 recommended. Either semester.

358 Emergence of Modern America, 1877-1917 (3 credits). The industrial growth of the United States: emergence as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY-152 or consent of instructor.

359 Recent United States, 1917 to Present (3 credits). Versailles and post-war disillusionment; boom and bust of the 20’s; the Great Depression and FDR’s New Deal; reappraisal of the world scene. World War II and its aftermath. HY-152 recommended. Spring semester, alternate years.

367 Colonial Spanish America (3 credits). The development of distinctive Spanish American societies through the merging of medieval Spanish with American and African cultural influences and their regional variations within the framework of European rivalries. The course concludes with the independence wars of the early nineteenth century. Prerequisite: HY-152. Fall semester, alternate years.

368 Spanish American Nations (3 credits). The struggle towards democracy, economic growth, and political stability of Latin American nations since their achievement of independence. Emphasis is on the Andean, Middle American and Caribbean areas, including their relationships with the United States. Prerequisite: HY-367. Spring semester, alternate years.

378 Colloquium in United States History (3 credits). Intensive studies of a particular period, topic, or problem in U.S. history. Reading and discussion format. Consult current class schedule for specific selections offered each term. Colloquium may be repeated. Prerequisite: Upper Division standing.

382 Colloquium in European History (3 credits). 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. Prerequisite: Upper Division standing.

417 United States Economic History (3 credits). 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 political activities from the founding of the United States to approximately 1900. Prerequisites: EC 201 and EC 202, or permission of instructor. Fall semester.

421 History of Socialism (3 credits). The course will examine the history of egalitarian revolution, and the transformation of the nineteenth and twentieth centuries. Emphasis will be given to the development of the ideas of Karl Marx, his predecessors and successors. Either semester, alternate years.

425 European Diplomatic History 1871-Present (3 credits). A consideration of the major jor questions affecting the international relations of the major European countries from 1870 to the present: the search for security after the creation of the nation of Germany; the potential collapse of the Ottoman Turkish Empire; European imperialism in Africa and Asia; the origin of the Alliance system; the coming of World War One; the search for security in the 1920’s; the coming of World War Two; and the origins of the Cold War; as European diplomacy merges into world diplomacy. Fall or Spring, alternate years.

432 Tudor-Stuart England (3 credits). England during the reigns of the Tudor and Stuart monarchs of England. Among the developments in England to be treated: monarchy and the development of parliamentary government; the rise of the middle class in England; exploration and colonization; and the beginnings of the British Empire. Prerequisite: HIST-151 or consent of instructor. Fall semester, alternate years.

433 History of Mexico (3 credits). Cultural, social, political and economic factors affecting the development of the Republic of Mexico. The course is divided into three major components: (a) Historical development of Mexico from the pre-colonial period to the Wars of Independence; (b) From nationalization to the Mexican Revolution of 1910; (c) The Mexican Revolution and its consequences. Emphasis will be placed on the role of the Supreme Court. Prerequisite HY-151, 152 or consent of instructor. Fall semester, alternate years.

436 History of the United States (3 credits). Development of diplomacy from the founding 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. Either semester, alternate years.

437 Diplomatic History of the United States (3 credits). Development of diplomacy from the founding 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. Either semester, alternate years.

438 History of Ireland (3 credits). 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. Either semester, offered alternate years.

450 Colonial America (3 credits). Colonial rivalry in North America: an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: HY-151 or consent of instructor. Fall semester.

333 The Reformation (3 credits). Survey of Church-State relationships to include the Babylonian Captivity, the Great Schism, the impact of the national state, and the theological and political philosophies of reformers from Wycliffe to the Council of Trent. Consideration will be given to the world-wide impact of Protestantism, the Catholic Reformation, and dissident minority sects. Prerequisite: HY-102 or consent of instructor. Either semester, alternate years.

331, 312 History of England (3 credits). First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1688. Second semester: Great Britain from the seventeenth century to the present. Either semester, alternate years.

313, 314 History of Russia (3 credits). First semester: Survey of the origins and development of the Kievan and Muscovite states to the eighteenth century. Second semester: A study of the major cultural and economic institutions as well as the growth of political power by the state from the eighteenth century to the present. HY-102, HY-103, HY-313 recommended. Either semester, alternate years.

315, 316 History of the Far East (3 credits). First semester: Survey of the history of China, Japan, Korea and Viet Nam to ca. 1600, emphasizing their cultural development. Second semester: Survey of the development of the Khyz, and cultural traditions of all Asia as a result of its interaction with the West after 1600. Either semester, alternate years.

319 Ancient Greece (3 credits). A study of the ancient Greek world from the Minoan sea empire of the second millennium to the empire of Alexander the Great in the late fourth century B.C. Its political, economic, and cultural achievements will be 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. Prerequisite: HY-101, or instructor’s consent. Either semester, alternate years.

320 Ancient Rome (3 credits). A survey of Rome from its earliest beginnings under Etruscan tutelage through its late imperial phase in the fifth century of the Christian era. Emphasis on political and military developments, social and religious changes, outstanding personalities, and artistic achievements. Prerequisite: HY-101 or instructor’s consent. Spring semester, alternate years.

322 Early Christianity (3 credits). 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 from the time of Constantine (337) to St. Augustine (430). Examinations are through the media of early Christian and contemporary pagan writings and artistic remains. Prerequisite: HY-101, or consent of instructor. Fall semester, alternate years.

324 Medieval Europe (3 credits). 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, feudalism and chivalry, the Gregorian papacy, and the outstanding cultural achievements of the twelfth century renaissance. Prerequisite: HY-101, or Instructor’s consent. Spring semester, alternate years.

323 The Islamic Middle East (3 credits). A history of the people, institutions and culture of the Near and Middle East from Mohammed to the decline of the Ottoman and Safavid empires. Emphasis is given to the origins and development of Islam, its major religions, the Islamic state, the Islamic empire, and the Islamic world. Prerequisite: HY-101, or instructor’s consent. Spring semester, alternate years.

325 The Modern Middle East (3 credits). A history of the Near and Middle East during the nineteenth and twentieth centuries, the decline of the Ottoman Empire, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. HY-101 recommended. Either semester, alternate years.

333 History of Sports and the American Ideal (3 credits). The course traces the historical development of sport in America and its socioeconomic impact on American society. It explores sporting interests from aboriginal America to the present with emphasis on those sports that have become national pastimes. The area of sport is placed within the context of American thought and the social milieu of the nation. Either semester.

334 United States Social and Cultural History (3 credits). Selected social and cultural themes of the social times of the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and institutional developments in its historical context. HY-151, 152 recommended. Either semester, alternate years.

335 United States Constitutional History (3 credits). A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitu- tional Convention, John Adams' polemics, the ratification process, Federalist v. Anti-Federalist, Pro- gressivism, World Wars, Cold War, and the Warren Court. Considerable emphasis is placed on the role of the Supreme Court. Prerequisite HY-151, 152 or consent of instruct- or. Fall semester, alternate years.

336 United States Constitutional History (3 credits). A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitu- tional Convention, John Adams' polemics, the ratification process, Federalist v. Anti-Federalist, Pro- gressivism, World Wars, Cold War, and the Warren Court. Considerable emphasis is placed on the role of the Supreme Court. Prerequisite HY-151, 152 or consent of instruc- tor. Fall semester, alternate years.

338 History of Ireland (3 credits). 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. Either semester, offered alternate years.

351 Colonial America (3 credits). Colonial rivalry in North America: an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: HY-151 or consent of instructor. Fall semester.
DEPARTMENT OF HOME ECONOMICS

Chairman and Associate Professor: Dr. Leda S. Scrimsher; Associate Professors: Long, Swain; Instructor: Johnson.

The objective of the department of home economics is to provide education of high quality for each of the student categories listed below.

A. Students who expect to obtain a baccalaureate degree with a major in home economics (we are waiting approval of a four-year degree program).
B. Students from other disciplines who choose to minor in home economics. Twenty-six hours of credit in home economics may be earned and applied to one's minor.
C. Students from other disciplines who will benefit from courses in home economics, such as students in Fasion Merchandising, Nursing and Interior Decorating.
D. Students who appreciate the wide offering of subject matter in home economics and can enjoy the opportunities for creative activity provided in selecting electives from this field.
E. Students who are interested in preparation for homemaking as a career.
F. Students who are not primarily interested in credit but in the development of skills, such as those enrolled in our night program.

The curriculum outlined is designed for those students who are interested in a professional career in home economics. Students will learn skills and values which will enable individuals and families to be more economical with resources available to them in our country today. Students whose interest is the development of understanding and skills which will contribute to the well-being of the individual, family and community are not required to register for laboratory science.

HOME ECONOMICS CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory Science</td>
<td>4</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Home Economics</td>
<td>-</td>
</tr>
<tr>
<td>Clothing</td>
<td>-</td>
</tr>
<tr>
<td>Art</td>
<td>2</td>
</tr>
<tr>
<td>Textiles</td>
<td>-</td>
</tr>
<tr>
<td>Physical Education Activities</td>
<td>1</td>
</tr>
<tr>
<td>Clothing &amp; the Individual</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>House Planning</td>
<td>4</td>
</tr>
<tr>
<td>Food &amp; the Individual</td>
<td>3</td>
</tr>
<tr>
<td>Home Furnishings</td>
<td>-</td>
</tr>
<tr>
<td>Nutrition</td>
<td>-</td>
</tr>
<tr>
<td>Social Science (History, Political Science)</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>Human Physiology and Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>-</td>
</tr>
<tr>
<td>Electives</td>
<td>17</td>
</tr>
</tbody>
</table>

DEPARTMENT OF MATHEMATICS

Chairman and Professor: Dr. Charles R. Kerr; Associate Chairman and Associate Professor: Dr. Masao M. Sugiyama; Professors: Hughes, Juola, Malool, Mech, Takeda; Associate Professors:
SCHOOL OF ARTS & SCIENCE

Anderson, Ball, Eastman, Ferguson, Furuyama, Hausrath, Lamet, Sulanke, Ward, Winans, Young; Assistant Professors: Kenny, Smartt.

The Department of Mathematics provides two bachelor's degree programs. The curriculum leading to the bachelor's degree in mathematics is designed for those students whose career interests involve the use of mathematics or who plan to attend graduate school. The curriculum in secondary education is designed to prepare the student to teach mathematics in secondary schools and to meet Idaho teacher certification requirements. The master's program is to provide advanced education for junior and senior high school mathematics teachers.

REQUIREMENTS FOR MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Program

I. Mathematics Degree

1. College requirements for B.A. or B.S. degree, including electives.
2. Mathematics requirements
   Lower Division
   - Calculus through M206 or M212
   - M124 (Digital Computer Programming)
   - M225 (Applied Fortran Programming) or
   - M226 (Assembler Language)
   Upper division mathematics: 27 or more credits
   - One or more of:
     - M301 Linear Algebra (4)
     - M302 Intro. to Abstract Algebra (3)
     - M306 Number Theory (3)
   - One or more of:
     - M314 Foundations of Analysis (3)
     - M340 Numerical Analysis (4)
     - M406 Complex Variables (3)
   - One or more of:
     - M361 Fundamentals of Statistics (4)
     - M431-432 Probability and Statistics (6)
   - One of the following sequences ending at the 400 level:
     I. M 441-442 Algebra
     II. M 401-402 Analysis
     III. M 431-432 Probability and Statistics
     IV. M 321-322-421 Applied Mathematics
     V. M 354-358-451 Computer Science

The particular mathematics courses used to satisfy the degree requirements may be chosen from specific courses in such areas of mathematics as: computer programming, applied mathematics, statistics, and theoretical mathematics. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.

Students interested in engineering can form a program leading to a Bachelor's degree in mathematics. This program could include many of the upper division physics or engineering courses offered at B.S.U. and satisfy most of the mathematics requirements with application-oriented mathematics courses.

A mathematics degree program can also be developed by those students interested in a computer-related career. This program would include many business courses, the courses needed for the mathematics major, and M109, M124, M226, M345, M358 and M451.

For students preparing for graduate work in a mathematical field, both M401-402 and M441-442 are recommended. Additional courses should be selected with his advisor. A reading knowledge of at least one of French, Russian or German is highly desirable.

II. Secondary Education Degree

1. University requirements for the B.S. or B.A. degree.
2. Mathematics requirements:
   a. M 122 or M 124 ........................................... 2 semester hours
   b. M 204, 205, 206 or
      M 211, 212 .......................................................... 10-13 semester hours
   c. M 301 ............................................................. 4 semester hours
   d. At least one of
      M 302 or M 306 .................................................. 3 semester hours
   e. M 311 ............................................................. 3 semester hours
   f. M 314 ............................................................. 3 semester hours
   g. M 361 or M 431, 432 .......................................... 4-6 semester hours
   h. M 490 ............................................................. 3 semester hours
   i. M 564 or equivalent mathematical application course ...................................... 3 semester hours
   j. Either 45 semester hours of mathematics or an approved area of emphasis outside of mathematics.

(Nota: For those students planning to teach Junior High School mathematics, M 103 is strongly recommended.)

3. Education Requirements: .................................. 22 semester hours

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

Secondary Education Degree

(Suggested Program)

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition ... ... ...</td>
<td>3</td>
</tr>
<tr>
<td>Calculus M 204, 205 or M 211, 212</td>
<td>5</td>
</tr>
<tr>
<td>Degree Electives</td>
<td>8</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus M 206.</td>
<td>0-4</td>
</tr>
<tr>
<td>Programming M 122 or M 124</td>
<td>2</td>
</tr>
<tr>
<td>General Psychology P 101</td>
<td>3</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>3</td>
</tr>
<tr>
<td>Linear Algebra M 301</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>7-11</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Analysis M 314</td>
<td>3</td>
</tr>
<tr>
<td>Algebra M 302 or Number Theory M 306</td>
<td>3</td>
</tr>
<tr>
<td>Statistics M 361 or M 431, 432</td>
<td>3-4</td>
</tr>
<tr>
<td>Educational Psychology P 325</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>7-8</td>
</tr>
<tr>
<td>Secondary Methods TE 381</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>

SENIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of Geometry M 311</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics in Secondary School M 400</td>
<td>3</td>
</tr>
<tr>
<td>Secondary Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>Electives</td>
<td>11</td>
</tr>
<tr>
<td>Mathematical Modeling M 564 (or equivalent)</td>
<td>3</td>
</tr>
<tr>
<td>Educating Exceptional Sec Stu TE 333</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

COURSES

M MATHEMATICS

LOWER DIVISION

012 Arithmetic Review (6 credits). Fundamental operations with real numbers, linear equations and story problems. Review of elementary geometry and weights and measures including the metric systems. For students with little or no algebra or geometry who want to review school mathematics. Each semester.

020 Algebra Review (6 credits). A refresher course for students in education, engineering, science, or business. Algebra is covered from first fundamental operations through the level required for M-103, 105, 111, or 115. Each semester.

100 A Cultural Approach to Mathematics (4 credits). Designed for liberal arts students. The course provides an opportunity to acquire an appreciation of the nature of mathematics and its relationship to other aspects of our culture. The humanistic aspect of mathematics is emphasized to help cultivate creativity and abstract thought processes that are rigorous but not rigid. Prerequisite: A year of high school mathematics or consent of instructor. Each semester.
103-104 Elementary Mathematics for Teachers (4 credits). Fundamental concepts of mathematics including the study of the development of the number systems from the whole numbers through the reals, place value, arithmetic operations, arithmetic algorithms, real number postulates, fundamental algebraic and geometric principles, measurement, graphing, and introductory probability. Three lectures and one-two hour laboratory per week. The laboratory includes the use of manipulative materials appropriate to the content of the lecture-discussion. Prerequisite: One year of high school algebra and plane geometry or permission of the instructor. Placement will also be determined by ACT scores or a grade of “satisfactory” in M-012 or M-020. Each semester.

105-106 Mathematics for Business Decisions (4 credits each). Matrices, systems of linear equations, graphing, linear programming, finite probability, discrete random variables, limits, derivatives, curve sketching, partial fraction decomposition, optimization, problems, and integrals. Prerequisite: Placement will be determined by A.C.T. score or a grade of “satisfactory” in M-020. Each semester.

109 Introduction to Computers (4 credits) (Crosslist — PH 109). Designed for non-science majors. The impact of computers on society and their potential and limitations will be studied. An introduction to computer hardware and programming will be included. Three lectures and a 2-hour laboratory period each week.

111 Algebra and Trigonometry (5 credits). Selected topics in college algebra and trigonometry. The course will prepare the student for calculus. Prerequisite: Placement will be determined by A.C.T. score or a grade of “satisfactory” in M-020. Each semester.

112 A First Course in Programming (2 credits). An introductory course in programming techniques. Fundamental programming topics will include problem solving, formulas, input to output flow charts, use of data files and data structures, flow charting, and the components of a typical computer. Various techniques for searching and sorting in large collections of data will be covered together with other computer applications in education, natural sciences, business, and social sciences. Students will learn programming concepts using a conversational language operating in the environment of a small to medium-sized computer such as the BASIC language and the BSU Hewlett-Packard 3000 Computer. Prerequisite: None. Each semester.

114 (EN-104) Digital Computer Programming (2 credits). Course for engineering, science or mathematics majors to introduce FORTRAN and BASIC programming principles and logic. Consideration given to input-output, flow charting, handling arrays, function and subroutine subprograms, applied to problem solving. Prerequisite: M-111 or M-109 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both M-124 and EN-104. Each semester.


225 (EN 225) Intermediate Applied Programming (2 credits). An intermediate course stressing the algorithmic techniques of problem solving using the computer. Stress will be placed on those languages and programming topics which have been found useful for the solution of science and engineering problems. The course will concentrate on FORTRAN but where appropriate will use other programming languages. Prerequisite: EN 104 (M 124). Credit cannot be obtained from both EN 225 and M 225. Fall Semester.

226 Assembler Language I (4 credits). Assembler language programming for the IBM 370. Data representation, machine instruction, looping, address modification, handling of data, subroutine subprograms, applied to problem solving. Prerequisite: M-111 or M-109 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both M-226 and EN-204. Each semester.


38 Numerical Analysis (4 credits). The application of numerical methods to interpolation and approximation of data; general iterative methods, approximation of functions, error analysis; solution of equations with the implementation of computer programming. Fortran and COBOL will be utilized. Prerequisite: M-124 (EN-104), M-206 or 212. Spring semester.

39 Programming Languages (4 credits). A survey of current languages (such as FORTRAN, COBOL, PL/1, SNOBOL, LISPl, APL, QFSS), their programming and design. Syntax and semantics. Interaction binding, strings, arithmetic, input/output, recursion, multiprocessing, extensibility. Prerequisite: M-226 or consent of instructor. Fall of even numbered years.


411 Introduction to Topology (3 credits). Sets, metric spaces, topological spaces, continuous mappings, connectedness, compactness. Prerequisite: M-314. Spring semester, odd numbered years.


413-417 Probability and Statistics (3 credits). Basic concepts of probability theory, random variables, mathematical expectation, central limit theorem, estimation and testing of hypotheses. Prerequisite: M-206 or 212. Sequence beginning each Fall.

441-442 Abstract Algebra (3 credits each). Set theory, group theory, homomorphism theorems, field theory, even numbered years.

441-442 Linear Algebra (3 credits each). Vector spaces, linear transformations, determinants, matrices, eigenvalues, eigenvectors. Prerequisite: M-314. Odd numbered years.

441-442 Number Theory (4 credits each). Simplex algorithm, duality theory, postoptimality problems, and transportation problems. Prerequisite: M-301. Spring semester, odd numbered years.

48 Mathematics in Secondary Schools (3 credits). Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of Mathematics completed at, or above, the three hundred level. Fall semester.

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC)

Chairman: Lt. Walther; Instructor: Sfc Sutter

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

The objective of the senior division, Army ROTC, is to provide university students who have the essential qualities and attributes an opportunity to become commissioned officers in the United States Army. In addition, the senior division provides a major source of procurement for junior officers in the Regular Army. The procurement is accomplished through the recurring selection of a number of distinguished military graduates.

SCOPE OF INSTRUCTION

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

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

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

REQUIREMENTS FOR ARMY COMMISSIONS

Applicants for admission to the advanced course must (1) have satisfied the requirements of the basic course, successfully completed the six-week summer basic camp or have completed 90 contact hours; (2) not have reached an age which will prevent appointment as a second lieutenant in the USAR upon graduation (the 28th birthday). In exceptional circumstances, the age requirement may be waived or a compression of military science courses may be authorized to permit qualification for appointment before the 28th birthday. Students seeking a commission in the Regular Army must complete the course and graduate before reaching age 27; (3) complete successfully such survey and general screening tests as may be prescribed; (4) be selected by the president of Boise State University or any other institution to which he may thereafter be admitted; (5) execute an individual contract with the government by which the student, in consideration of retainer pay at $100 a month for ten months each year, agrees to complete the advanced course at Boise State University or any other institution at which he may thereafter be enrolled whereas a minimum of five hours a week to the military training prescribed by the Secretary of the Army; (7) attend a six-week summer training camp between the junior and senior year, or in exceptional cases, at the end of the senior year; (8) enlist in a reserve component (this enlistment does not involve additional training but is to insure compliance with the terms of the contract signed by the student); (9) agree to accept a commission if tendered; (10) serve on active duty as an officer for three years or three months as determined by the Department of the Army.

SCHOLARSHIP

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

FINANCIAL ASSISTANCE

Each advanced course student receives subsistence pay 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, $400 (approximately); regular camp, $500 (approximately); travel pay, $.10 per mile each way. A uniform allowance of $300 is paid to each commissioned student upon entry into active duty. Deserving and qualified students are tendered Regular Army appointments.

UNIFORMS

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

COURSES

ML MILITARY SCIENCE

101 Introduction to Military Science (1 credit). This course is designed to provide an overview of ROTC to include its history and the role of the organization of the United States Army and a general introduction to the principles of leadership. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

102 Introduction to Military Science (1 credit). This course is designed to provide an introduction to orienteering and land navigation, communication and small unit tactics. The laboratory consists of practical participation in the application of leadership principles through adventure training.

201 Introduction to Leadership (2 credits). This course is designed to prepare the student for the ROTC Advanced Course. The course presents an introduction to leadership and basic map reading/orienteering. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

202 Military History (2 credits). The course is designed to prepare the student for the ROTC Advanced Course and the profession of Arms. The course will enable the student to form general concepts of the evolutionary nature of warfare, identifying those elements of which remain relatively constant and those that are modified by time and circumstance. The student will acquire a general knowledge and appreciation of the development of the American Military System and its leaders. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

301 Leadership and Management (3 credits). This course is designed to increase the student's poise and confidence as a military instructor and leader. It is further designed to provide information on the branches of the Army available for assignment; and to assist each student in making his/her selection during the senior year. The course will also prepare the student for participation in Advanced Camp. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

302 Basic Tactics (3 credits). This course is designed to prepare the student for ROTC Advanced Camp. Additionally, it is designed to develop leadership abilities, promote confidence, and ready students for military service as commissioned officers. The laboratory consists of a practical participation in the application of leadership principles through adventure training.

401 Advanced Tactics (3 credits). Prepares the prospective Army officer for initial Army assignment. Covers military staff organization and responsibilities; role of combat, combat support, and combat service support units in the Army; military intelligence; logistics, maintenance and supply; and an introduction to military justice.

402 Professional Preparation (2 credits). Prepares the prospective Army officer for initial Army assignment. Covers the position of the United States in the Contemporary world scene in light of its impact on the military services; obligation and responsibilities of an officer on active duty; and coordination and operations of the military team.

DEPARTMENT OF MUSIC

Chairman and Professor: Mr. Wilber D. Elliott; Associate Chairman and Associate Professor: Oakes; Professors: Baldwin, Best, Cleveland, Meyer, Taylor; Associate Professors: Bratt, Hopper, Hsu, Shelton; Assistant Professors: Samball, Schroeder, Thomason; Instructor: Baldassarre.

GIFTS AND MEMORIALS TO THE MUSIC DEPARTMENT

The Music Department has been the recipient of many fine gifts of instruments, music and record collections from friends and supporters of the Department. In the Music Auditorium is housed the J. W. Cunningham Memorial Pipe Organ, a three-manual Austin organ of 45 ranks and 54 registers, given to the University by Laura Moore Cunningham. It is used for concert, teaching, and practice purposes. Also in the Auditorium is the console for the Harry W. Morrison Memorial Carillon, built by Maas-Rowe. Given as a memorial to her husband by Mrs. Velma Morrison, the Grand Symphony Carillon, 45 hours and half-hours and twice daily plays a short program of carillon music.

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

Dr. and Mrs. Robert deNeufville  Bryant S. Martineau
Alice Gould  Marjorie Palmquist
Dr. and Mrs. Arthur C. Jones  Mr. and Mrs. Edward Utley
Senator Len Jordan  Mrs. Eli Weston

**REQUIREMENTS FOR MUSIC MAJOR**

**Bachelor of Arts Program**

A. Completion of general college requirements for the Bachelor of Arts degree as found in Part II of this catalog.

B. **Minimum Music Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Studies</td>
<td>8</td>
</tr>
<tr>
<td>Materials of Music I, II, III, IV</td>
<td>14</td>
</tr>
<tr>
<td>Ear Training I, II, III, IV</td>
<td>4</td>
</tr>
<tr>
<td>Survey of Music History and Literature Courses</td>
<td>4-6</td>
</tr>
<tr>
<td>Ensemble</td>
<td>4</td>
</tr>
<tr>
<td>Concert Class (each semester)</td>
<td>0</td>
</tr>
<tr>
<td>Performance, Theory, Music Education, Music History Electives (to support Senior Recital) or Senior Project</td>
<td>10</td>
</tr>
<tr>
<td>Senior Recital or Senior Project**</td>
<td>1</td>
</tr>
</tbody>
</table>

Total: 45-47

---

**MUSIC MINOR**

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

**MUSIC MAJOR IN PERFORMANCE THEORY-COMPOSITION, AND MUSIC EDUCATION**

**Bachelor of Music Program**

1. Bachelor of Music Degree (Performance and Theory-Composition Emphasis) is designed to train performers and composers and performing artist teachers. It is the basic degree for preparing students for graduate work in the performing and creative fields as well as teaching at the college and university level. It is essentially a preprofessional degree.

2. The Bachelor of Music Degree (Music Education Major) is designed to prepare students for teaching careers in the secondary and elementary educational systems. It also prepares students for graduate study. Details of the downward curriculum are to be determined by the student in consultation with an assigned Music Minor advisor and subject to the approval of the Music Department Chairman.

3. 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.

4. All Bachelor of Music non-keyboard majors, no later than the end of the junior year, are required to pass one of the levels in the Piano Proficiency examination before a faculty committee.

5. 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 6 credits over a normal 4-year course of study except that performance majors in Piano, Voice or Guitar will take only 6 credits of major ensembles. Piano performance majors will take 2 credits of accompanying (ME 180, 380) toward the required 6 credits. Guitar majors may take 2 credits of Guitar Ensemble (ME 167, 367) toward the required 6 credits. Other ensembles may be taken as electives in addition to the required major ensembles.

6. The following Core of Music Courses will be included in all Bachelor of Music curricula:

   - Concert Class (Attendance required each semester of residency; Music Education majors exempt during semester/weeks of student teaching)
   - Materials of Music I, II, III, IV
   - Ear Training I, II, III, IV
   - Basic Conducting MU 261
   - Survey of Music History and Literature I, II, III, IV
   - Ensemble

Total: 35-37

---

**Performance Emphasis Majors in Piano, Voice, or Guitar will take 6 credits, with piano majors including 3 credits of Accompanying. Music Education majors will take 7 credits of ensemble.**

**I. Performance Emphasis Minimum Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Recital or Music Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Advanced Form and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>Choral or Instrumental Conducting</td>
<td>4</td>
</tr>
<tr>
<td>Major Instrument Literature</td>
<td>2</td>
</tr>
<tr>
<td>Major Instrument Pedagogy I and II</td>
<td>4</td>
</tr>
<tr>
<td>Senior Recital</td>
<td>2</td>
</tr>
</tbody>
</table>

Total: 7-18

---

**II. Theory-Composition Emphasis Minimum Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
</tr>
<tr>
<td>Music Core</td>
<td>35-37</td>
</tr>
<tr>
<td>Lower-Division Performance Studies</td>
<td>16</td>
</tr>
</tbody>
</table>

**A. Music Core**

- a. All Performance majors will take 2 credits of Performance Studies the first semester.
- b. MC 400-level studies: 4 credits minimum
- **C. Additional Upper Division Courses**
  - Keyboard Harmony and Basic Improvisation | 4 |
  - Counterpoint                             | 6 |
  - Advanced Form and Analysis               | 3 |
  - Choral and Instrumental Conducting       | 2 |
  - Music Composition                        | 8 |
  - Senior Composition Recital or Music Seminar | 2 |

**B. Lower-Division Performance Studies**

- a. Performance major studies               | 8 |
- b. Performance minor studies (to be piano, unless major instrument is keyboard) | 8 |

**C. Additional Upper Division Courses**

- MC 300-level performance major studies     | 4 |
- Keyboard Harmony and Basic Improvisation   | 4 |
- Counterpoint                              | 6 |
- Advanced Form and Analysis                | 3 |
- Band Arranging                            | 2 |
- Choral and Instrumental Conducting        | 2 |
- Music Composition                         | 8 |
- Senior Composition Recital or Music Seminar | 2 |

**Total Electives**

- 3 Electives                               | 12-17   |

---

**III. Music Education Emphasis Minimum Requirements**

(Fulfillment of the requirements below will qualify the student for Idaho State Certification in Secondary Schools.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
</tr>
<tr>
<td>General University and Basic Core Requirements</td>
<td>29-32</td>
</tr>
<tr>
<td>Music Core</td>
<td>35-37</td>
</tr>
<tr>
<td>Lower-Division Performance Studies</td>
<td>16</td>
</tr>
</tbody>
</table>

**A. Music Core**

- a. Performance major studies               | 8 |
- b. Performance minor studies (to be piano, unless major instrument is keyboard) | 8 |

**B. Lower-Division Performance Studies**

- a. MC 300-level or above: 4 credits minimum
- **C. Additional Lower Division Courses**
  - Orientation to Music Education            | 1 |
  - Instrumental Techniques and Methods      | 4 |

**Total Electives**

- 3 Electives                               | 12-17   |
Not required of Piano, Voice or Guitar Performance Emphasis Majors.

SCHOOL OF ARTS & SCIENCE

semester:

this course, attendance at a minimum of 5 Music Department-sponsored, on-campus concerts-recitals is required. Participation in the concert-recital will not constitute attendance work. Students must supply their own instrument. May be repeated once for credit. Classroom value of the instrument. Baroque ensembles will be emphasized. The class will meet once a week. Participation in the performance level; second digit = instrumental family (-0- woodwinds, -1- brass, -2- percussion, -3- voice, -4- keyboard, -5- fretted string instruments, -6- bowed string instruments); third digit (-1, -2, -4) = credit value. Four-credit studies are reserved for Bachelor of Music Program Performance Majors. Such matters identify the particular instrument in each instrumental family: woodwinds: A flute, B oboe, C clarinet, D bassoon, E saxophone, F recorder; Brasses: A horn, B trumpet, C trombone, D tuba; Keyboard: A piano, B organ; Fretted stringed instruments: A guitar; Bowed string instruments: A violin, B viola, C cello, D string bass. The class schedule printed prior to each semester lists particular studio courses available for the semester.

Major Area 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 MUSIC—PRIVATE LESSON PERFORMANCE STUDIES.
(These courses carry an extra fee. For details see schedule of fees elsewhere in this Bulletin.)

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

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

Private Lesson Performance Studies Course Numbering System

The three-digit course number carries the following information:
- first digit (1—2, —etc.) = performance level;
- second digit = instrumental family (-0- woodwinds, -1- brass, -2- percussion, -3- voice, -4- keyboard, -5- fretted string instruments, -6- bowed string instruments); third digit (-1, -2, -4) = credit value. Four-credit studies are reserved for Bachelor of Music Program Performance Majors. Such matters identify the particular instrument in each instrumental family: woodwinds: A flute, B oboe, C clarinet, D bassoon, E saxophone, F recorder; Brasses: A horn, B trumpet, C trombone, D tuba; Keyboard: A piano, B organ; Fretted stringed instruments: A guitar; Bowed string instruments: A violin, B viola, C cello, D string bass. The class schedule printed prior to each semester lists particular studio courses available for the semester.

Major Area practice requirements:
For 4 hrs. credit — 18 hrs. practice per week.
For 2 hrs. credit — 12 hrs. practice per week.

Minor Area Practice requirements:
For 2 hrs. credit — 6 hrs. practice per week.

ME MUSIC, ENSEMBLE

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

101, 103 University Singers (1 credit). A general chorus open to all college students. No audition is necessary. Major choral works from all periods will be sung. Public Performances will be expected each semester. Concurrent enrollment in ME 510, 505 prohibited. Maximum credits: ME 101 and/or ME 301, 8 cr. Each semester.

105, 305 Meistersingers (1 credit). Essentially a course in unaccompanied singing which is open to all college students. The Meistersingers is the concert-touring choir of the University. Concurrent enrollment in ME 101, 301 prohibited. Prerequisite: Enrollment is by audition and Music Department approval. Maximum credits: ME 101 and/or ME 305, 8 cr. Each semester.

120, 310 Vocal Ensemble (1 credit). A course designed to promote participation in the regional and national knowledge of vocal music for small vocal ensembles. Literature will include music of all periods. Varying groups will be established as demand warrants. A public performance can be expected each semester. Prerequisite: Permission of instructor and concurrent enrollment in ME 101, 301 or ME 105, 305. Maximum credits: ME 110, and/or ME 310, 8 cr. Each semester.

128 Intermediate Guitar Class (1 credit). A continuation of MA 127. Emphasis is given to understanding fret-board theory, reading musical notation for the guitar and solo playing. The concept of form levels is introduced and developed as it relates to upper position work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 127 or permission of instructor. Each semester.

132, 134; 232, 234; 332, 334; 432, 434 Voice private lessons

180 Voice Class (2 credits). A study of music and technical problems inherent in the voice, as well as the mechanics of producing sound. The concept of form levels is introduced and developed as it relates to upper position work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 107 or permission of instructor. Spring semester.

180 Voice Class (2 credits). A study of music and technical problems inherent in the voice, as well as the mechanics of producing sound. The concept of form levels is introduced and developed as it relates to upper position work. Students must provide their own instrument. Meets twice a week. May be repeated once for credit. Prerequisite: MA 107 or permission of instructor. Each semester.

145 Recital (2 credits). Music Performance majors may elect to perform a solo recital for two credit hours toward the performance level. Students may elect to perform a solo recital at any time subsequent to the freshman year. The student must have permission of his teacher and the chairman of the music department. Graded Pass/Fail. Each semester.

146 Senior Performance Recital (2 credits). This course is a full recital to be presented as the culminating project for Performance Emphasis majors within the Bachelor of Music program. Prerequisite: 400-level performance ability and consent of the student's supervising private teacher. Graded Pass/Fail. Each semester.

147 Senior Composition Recitals (2 credits). A recital for the performance of original compositions by the Theory-Composition Major. Students must make their own arrangements with personnel for the recital. Required of Theory-Composition Majors. Prerequisite: Major in Theory-Composition and permission of supervising faculty member. Graded Pass/Fail. Each semester.

2. Electives, 9-14

A. Recommended Music Electives:

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

Total: 128

*Not required of Piano, Voice or Guitar Performance Emphasis Majors.

2Required of Piano, Voice or Guitar Performance Emphasis Majors.
One year of piano study recommended prior to enrollment. May be repeated once for credit. Each semester.

219 Materials of Music III (3 credits). This course is a continuation of 4-part textures begun in MU 120. It includes diatonic sevenths; introduction to altered chords; the augmented sixth and Neapolitan chords; cadential modulations; compositional skills involving the above. Prerequisite: MU 120 or equivalent competency and piano per MU 119. Fall semester.

238 Materials of Music IV (3 credits). This course includes introductions to invention and fugue, organ pedal combinations and sonata form; eleventh and thirteenth chords; Twentieth Century melody and harmony; atonality and serial techniques; compositional involving the above. Prerequisite: MU 219 or equivalent competency and piano per MU 119. Spring semester.

221-222 Ear Training III-IV (1 credit). A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, sforzando and dictation in two, three, and four parts. Students will be expected to play at the keyboard, the more simple forms of the basic chords in four parts, the Cadence. Prerequisite: Materials of Music II MU 120 and MU 122 at least one year of piano, or concurrent piano study. Fall-Spring semester.

256 Vocal Techniques and Methods (2 credits). Designed for the Music Education major, this course will be instructed in the basic techniques for improvising at the piano and organ. Pre-requisites: describing basic physical components of the voice and their coordination, understanding the young and "changing" voice, and learning phonetic components of Latin. Fall semester.

257 String Instrument Techniques and Methods (2 credits). Primarily for Music Education Majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic performing technique on two or more of the orchestral instruments. Violin, viola, cello, and string bass. 1 hour lecture, 2 hours lab per week. Fall semester.

261 Basic Conducting (1 credit). Fundamental techniques of conducting: baton fundamentals, group rehearsal techniques, and simple score reading. Meets twice a week. Prerequisite: Materials of Music II MU 120 and Beginning Ear TrainingMU 121-122. Either semester.

266 Woodwind Techniques and Methods (2 credits). 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. Meets three times per week. Fall semester.

271 Orientation to Music Education (1 credit). A look at school music programs to include parts, primary through high secondary programs. Meets twice a week — one lab period and one formal class period. Lab period will be violation in public schools. Either semester.

UPPER DIVISION

313-314 Keyboard Harmony and Basic Improvisation (2 credits). The student will learn to play in strict four-part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and to be instructed in the basic techniques for improvising at the piano and organ. Prerequisite: Materials of Music II MU 120, and Beginning Ear Training MU 121 and MU 122 for students majoring in piano or organ. For non-keyboard majors, the students must have had one or two years piano study. Fall-Spring semester.

NOTE: MU 321-322 will not be offered after 1980-81. See MU 423-424.

341 History and Literature of Music I (2 credits). The analysis of the development of Western music from its beginnings in early Christian times through the early 1600s. Con- sideration of the music in the Baroque period including the Baroque style, and the various important composers. Attention will be given to the evolution of musical forms by means of score reading, analysis, and discussion. Prerequisite: Materials of Music I and II or permission of instructor. Either semester.

342 History and Literature of Music II (2 credits). This course encompasses the period from the Florentine Camera to the Baroque, the Rococo, and pre-classical composers. Attention will be given to the evolution of musical forms by means of score reading, analysis, and discussion. Prerequisite: Materials of Music I and II or permission of instructor. Either semester.

343 History and Literature of Music III (3 credits). Works of Haydn, Mozart, and their contemporaries through the Romantic period to Liszt, Wagner, and Puccini will be con- sidered and analyzed as vehicles of individual expression as well as steps to greater understanding of musical expression. The relationship of these works to parallel movements in literature and the other arts will be a matter of concern. Prerequisite: Materials of Music I and II or permission of instructor. Either semester.

MU 344 History and Literature of Music IV (3 credits): Analysis of and characteristics of Western music from the last decades of the previous century to today's avant garde and electronic music. Prerequisite: Materials of Music I and II or permission of instructor. Either semester.

345 Opera Theatre (1 credit). A course in the study and production of operas. Permission of instructor required to register for course. May be repeated for up to 8 credits. Either semester.

350 Choral Conducting (1 credit). A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles for laboratory experiences. Meets twice a week. Prerequisite: Basic Conducting MU 261. Fall semester.

351 Instrumental Conducting I (1 credit). A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles for laboratory experiences. Meets twice a week. Prerequisite: Basic Conducting MU 261. Spring semester.
SCHOOL OF ARTS & SCIENCE

368 Percussion Techniques and Methods (2 credits). 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 basic performing techniques. Meets three times per week. Spring semester.

369 Brass Techniques and Methods (2 credits). Primarily for Music Education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with a basic performing technique on two or more of the brass instruments. Meets three times per week. Spring semester.

370 Guitar for Classroom Teachers (2 credits). A course designed for teachers or prospective teachers who wish to use the guitar in classroom situations. Emphasis is on accompanying skills, elementary chords, elementary chord theory, melodic playing, proper hand position and note reading. Musical materials is drawn from popular and folk styles useful in elementary classes. May be repeated once for credit. Either semester.


372 Teaching Music in the Elementary Classroom (2 credits). Designed for the music education major, this course will deal with curriculum design; teaching methods such as Choral Kodaly, "Threshold to Music"; materials and evaluation techniques for dealing with music and the general student in elementary schools. Included in the course will be planning and evaluation of classroom and general music, music appreciation courses, and the use of music in related arts and humanities courses. The course will consist of two lectures plus one lab period per week. Prerequisite: Orientation to Music Education MU 271. Fall semester.

380 Fundamentals MU 101 or equivalent. Each semester.

381 Advanced Form and Analysis (2 credits). Analysis of Harmonic and formal structures. Detailed analysis of the phrase and the simpler binary and ternary forms, cursory examination of larger forms. Prerequisite: Materials of Music IV MU 220. Fall semester.

NOTE: MU 409 will not be offered after Fall 1980.

410 Advanced Form and Analysis (2 credits). Analysis of Harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. Prerequisite: Elements of Form MU 409. Spring semester.

420G Sixteenth Century Counterpoint (3 credits). A study of 16th century composition techniques. The C clefs will be used and the student will write in two and four parts using the five classic species of counterpoint. Listening to and analysis of works from the period are used as examples to prepare the student to write original compositions using Latin liturgical texts. Students enrolling for graduate level credit will be expected to produce additional original compositions and/or research in the materials covered. Prerequisite: MU 220 Materials of Music IV or equivalent competency. Fall semester, odd numbered years.

428G Counterpoint Since 1650 (3 credits). The study of and writing experience in contrapuntal styles and practices from the Baroque Period to the present day. Topics include invertible counterpoint, canon, fugue, invention, and analysis of styles and procedures in representative works from the periods studied. Students enrolling for graduate level credit will be expected to produce additional original compositions and/or research in the materials covered. Prerequisite: MU 220 Materials of Music IV or equivalent competency. Fall semester, odd numbered years.

429G Band Arranging (2 credits). 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. Prerequisite: Materials of Music IV MU 220. Fall semester.

457 Major Instrument Literature (Piano, Voice, Guitar) (2 credits). A survey course to acquaint the student with the important literature from all periods for Piano, Voice or Guitar. Section 1 Piano Literature. Section 2 Guitar Literature. Section 3 Vocal Literature. Prerequisite: Upper division standing in performance.

463 Major Instrument Pedagogy (Piano, Voice, Guitar) I (2 credits). A survey and comparative study of pedagogical materials, principals and procedures. The course will consist of reading, lecture, listening and observation in teaching studios. Prerequisite: Upper division standing in performance. Offered in years alternating with MU 457.

464 Major Instrument Pedagogy (Piano, Voice, Guitar) II (2 credits). Practical application of pedagogical methods and procedures through supervised studio teaching. Further reading, lecture, listening and discussion involving pedagogical techniques. Prerequisite: MU 463 Major Instrument I. Offered in years alternating with MU 457.

488 Music Seminar (2 credits). A Seminar project under faculty direction. Prerequisite: Senior standing. Either semester.

*No more than three of the following courses will be offered in any one semester: MU 457, MU 463, MU 464.

DEPARTMENT OF PHYSICS

ENGINEERING AND PHYSICAL SCIENCE

Chairman and Professor: Dr. Gary R. Newby; Professors: Campbell, Dahm, Luke; Associate Professors: Allen, Hahn, Parks; Assistant Professors: Gabert, Reimann, Smith.

ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS degree in engineering is 4 years and the following program is designed to do this along with 2 years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take 4½, 5 years or more to earn the degree. Therefore, a convenient option based on 3 years at BSU followed by 1½ years at Idaho U. is available and students may consult an engineering advisor about this program. The 5-year option is also advised for students needing to work while attending school. Engineering curricula are very similar all over the country and students can readily transfer to other engineering colleges. Students should consult their advisor about possible program modifications if they plan to go to some school other than University of Idaho to complete their degree.

COMMON FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST 2ND SEM. SEM.</td>
<td></td>
</tr>
<tr>
<td>(All Engineering Majors)</td>
<td></td>
</tr>
<tr>
<td>English Composition (E-101-102)</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry (C-131-132-133)</td>
<td>4</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>Engineering Fundamentals (EN 107-108)</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming (EN-104)</td>
<td>2</td>
</tr>
<tr>
<td>Physics I (PH 220)</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>17</td>
</tr>
</tbody>
</table>

COMMON SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST 2ND SEM. SEM.</td>
<td></td>
</tr>
<tr>
<td>Physics II and III (PH 221-222)</td>
<td>3</td>
</tr>
<tr>
<td>Wave Motion and Heat Lab (PH 223)</td>
<td>1</td>
</tr>
<tr>
<td>Electricity and Magnetism Lab (PH 224)</td>
<td>1</td>
</tr>
<tr>
<td><strong>Humanistic-Social Elective</strong></td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Mechanics (EN 205)</td>
<td>3</td>
</tr>
<tr>
<td>*Systems and Circuits I &amp; II (EN 221, EN 223)</td>
<td>3</td>
</tr>
<tr>
<td>Calculus and Analytic Geometry (M 206)</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Engineering Math (M 321)</td>
<td>4</td>
</tr>
<tr>
<td>(Branch Variation—See Below)</td>
<td>2-3</td>
</tr>
<tr>
<td>17</td>
<td>17-18</td>
</tr>
</tbody>
</table>

*Civil Engineers not required to take EN 223. **During first semester, Chemical Engineers substitute C-217, Civil Engineers substitute EN 215.

BRANCH VARIATIONS:

Agricultural Engineering
Dynamics of Rigid Bodies (EN 206) 2

Civil Engineering
Dynamics of Rigid Bodies (EN 206) 2

Engineering Measurements (EN 216) 2

Elective (See Advisor) 3

Mechanical Engineering
Dynamics of Rigid Bodies (EN 206) 2
### Junior Year:

Three Junior level Engineering Science courses (EN 301 Fluid Mechanics, EN 306 Mechanics of Materials, and EN 320 Thermodynamics and Heat Transfer) are offered. These courses, along with usual engineering requirements in mathematics, science, humanities, and social sciences, make it feasible for many students to complete a third year before transferring. Consult an engineering staff advisor for details.

**Physics**

The scope of the program will be applied. However, flexibility is to be maintained in order to direct the student toward his desired objectives. If the student is interested in going on into graduate physics, more math and some independent study in quantum physics would be recommended. Depending on the particular field of interest in physics, the student could select electives in biology, chemistry, math or geophysics.

### Requirements for a Physics Major

**Credits**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. Liberal Arts Option</strong></td>
<td></td>
</tr>
<tr>
<td>1. General University and Baccalaureate Degree Requirements</td>
<td></td>
</tr>
<tr>
<td>(See Pages 25-27)</td>
<td>30</td>
</tr>
<tr>
<td>2. Major Requirements</td>
<td>98</td>
</tr>
<tr>
<td>A. Physics* III</td>
<td>46</td>
</tr>
<tr>
<td>Physics I-III, PH 220, 221 &amp; 222</td>
<td>9</td>
</tr>
<tr>
<td>Physics Lab I &amp; II, PN 222, 224</td>
<td>2</td>
</tr>
<tr>
<td>Electronics Lab, PH 301</td>
<td>3</td>
</tr>
<tr>
<td>Transducers, PH 304</td>
<td>2</td>
</tr>
<tr>
<td>Lab Microprocessor Applications, PH 307</td>
<td>3</td>
</tr>
<tr>
<td>Modern Physics, PH 311, 312</td>
<td>6</td>
</tr>
<tr>
<td>Mechanics, PH 341</td>
<td>4</td>
</tr>
<tr>
<td>Electricity &amp; Magnetism, PH 381, 382</td>
<td>6</td>
</tr>
<tr>
<td>Advanced Topics, PH 422</td>
<td>3</td>
</tr>
<tr>
<td>Senior Lab, PH 481</td>
<td>3</td>
</tr>
<tr>
<td>Seminar, PH 499</td>
<td>1</td>
</tr>
<tr>
<td>B. Engineering</td>
<td>14</td>
</tr>
<tr>
<td>Computer Programming, EN 104, 225</td>
<td>4</td>
</tr>
<tr>
<td>Systems &amp; Circuits I &amp; II, EN 221, 223</td>
<td>7</td>
</tr>
<tr>
<td>Thermodynamics, EN 320</td>
<td>3</td>
</tr>
<tr>
<td>C. Math</td>
<td>21</td>
</tr>
<tr>
<td>Calculus Sequence, M 204, 205, 206</td>
<td>13</td>
</tr>
<tr>
<td>Engineering Math, M 321</td>
<td>3</td>
</tr>
<tr>
<td>or Differential Equations, M 331</td>
<td>4</td>
</tr>
<tr>
<td>Numerical Analysis, M 340</td>
<td>4</td>
</tr>
<tr>
<td>D. Chemistry</td>
<td>9</td>
</tr>
<tr>
<td>E. Recommended Electives</td>
<td>8</td>
</tr>
</tbody>
</table>

*With consent of advisor and chairman, substitutions can be made for not more than 6 hours of the above from the area of biology, chemistry, math, engineering or geophysics.

---

### Bachelor of Science in Physics (Suggested Program)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Comp. (E 101, 102)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry (C 131, 132, 133, 134)</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Calculus &amp; Anal. Geometry (M 204, 250)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Computer Programming (EN 104)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics I (PH 220)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics II &amp; III (PH 221, 222)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Wave Motion &amp; Heat Lab (PH 223)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Electricity &amp; Magnetism Lab (PH 224)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>SOPHOMORE YEAR:</td>
<td>1ST SEM.</td>
<td>2ND SEM.</td>
</tr>
<tr>
<td>Systems &amp; Circuits I &amp; II (EN 221, 223)</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Calculus &amp; Anal. Geometry (M 206)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Advanced Engineering Math (M 321)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Area I or II requirements</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>JUNIOR YEAR:</td>
<td>1ST SEM.</td>
<td>2ND SEM.</td>
</tr>
<tr>
<td>Modern Physics (PH 311, 312)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electronics Lab (PH 301)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Transducers (PH 304)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Laboratory Microprocessor Applications (PH 307)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Thermodynamics (EN 320)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Optics (PH 331)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Numerical Analysis (M 340)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I or II requirements</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Credits**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SENIOR YEAR:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electricity &amp; Magnetism (PH 381, 382)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mechanics (PH 341)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Senior Lab (PH 481)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Advanced Topics (PH 422)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I or II requirement</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physics Seminar (PH 499)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

---

**Credits**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Liberal Arts Option</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. General University and Baccalaureate Degree Requirements</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>2. Major Requirements</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>A. Physics* III</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>Physics I-III, PH 220, 221 &amp; 222</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Physics Lab I &amp; II, PN 222, 224</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Electronics Lab, PH 301</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Transducers, PH 304</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Lab Microprocessor Applications, PH 307</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Modern Physics, PH 311, 312</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Mechanics, PH 341</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Electricity &amp; Magnetism, PH 381, 382</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Advanced Topics, PH 422</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Senior Lab, PH 481</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Seminar, PH 499</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>B. Engineering</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Computer Programming, EN 104, 225</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Systems &amp; Circuits I &amp; II, EN 221, 223</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Thermodynamics, EN 320</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>C. Math</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Calculus Sequence, M 204, 205, 206</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Engineering Math, M 321</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>or Differential Equations, M 331</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Numerical Analysis, M 340</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>D. Chemistry</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>E. Recommended Electives</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>3. Education Requirements</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Foundations of Education</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Secondary School Methods</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Secondary Student Teaching</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Education Electives</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

---

Minor certification endorsements for Physics is listed in this Bulletin on page 107 of the Department of Teacher Education section within the School of Education division.
### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 205 Calculus &amp; Analy. Geom.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>PH 220 Physics I—Mechanics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EC 205 Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AC 205 Intro. to Financial Act.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GB 202 Business Law I</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EN 205 Intro. to Mechanics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EC 202 Principles of Economics</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AC 206 Intro. to Managerial Acct.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GB 207 Statistical Tech. for Decision Making I</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

1ST SEM. 2ND SEM.

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 215 Basic Surveying</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>CO 346 Contacts, Plans, Specifications</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AC 351 Cost Acct.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MG 301 Principles of Mang</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PH 222 Physics III—Elect. &amp; Mag</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EN 306 Mech. of Materials</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CO 370 Cost Est. &amp; Bidding</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>FI 303 Prin. of Finance</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MG 330 Labor Law</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>PH 224 Elect. &amp; Mag.</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

1ST SEM. 2ND SEM.

### SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 301 Basic Marketing Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CO 374 Construction Operation</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CO 320 Construction Equipment and Materials</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MG 401 Human Resource Mgmt</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>MG 340 Labor Relations</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CO 417 Project Sched. &amp; Const.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>CO 350 Elect. &amp; Mech. Installation</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>GB 450 Business Policies</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

1ST SEM. 2ND SEM.

### Lower Division courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>101 Energy for Society</td>
<td>4</td>
</tr>
<tr>
<td>103 Foundations of Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>201 Digital Computer Program</td>
<td>3</td>
</tr>
<tr>
<td>202 Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>205 Introduction to Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>206 Dynamics of Rigid Bodies</td>
<td>3</td>
</tr>
<tr>
<td>215 Basic Surveying</td>
<td>2</td>
</tr>
<tr>
<td>216 Engineering Measurements</td>
<td>2</td>
</tr>
<tr>
<td>217 Systems and Circuits I</td>
<td>3</td>
</tr>
<tr>
<td>218 Electricity and Magnetism Lab</td>
<td>1</td>
</tr>
<tr>
<td>220 Systems and Circuits II</td>
<td>4</td>
</tr>
<tr>
<td>225 (M 225) Intermediate Applied Programming</td>
<td>2</td>
</tr>
<tr>
<td>301 Fluid Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>302 Mechanics of Materials</td>
<td>3</td>
</tr>
<tr>
<td>303 Thermodynamics and Heat Transfer</td>
<td>3</td>
</tr>
<tr>
<td>304 Engineering Economy</td>
<td>2</td>
</tr>
</tbody>
</table>

### Upper Division courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>320 Construction Equipment and Materials</td>
<td>3</td>
</tr>
<tr>
<td>350 Electrical and Mechanical Installations</td>
<td>3</td>
</tr>
<tr>
<td>370 Cost Estimating and Bidding</td>
<td>3</td>
</tr>
<tr>
<td>374 Construction Operation</td>
<td>3</td>
</tr>
<tr>
<td>375 Project Scheduling and Control</td>
<td>3</td>
</tr>
<tr>
<td>377 Energy for Society</td>
<td>4</td>
</tr>
</tbody>
</table>

**SUGGESTED ELECTIVES:**
- GO 101 Physical Geology
- GO 403 Engineering Geology
- C 131/132 College Chemistry & Lab.

### PS PHYSICAL SCIENCE

**LOWER DIVISION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>103 Foundations of Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>150 Basic Physical Science for Elementary Teachers</td>
<td>3</td>
</tr>
</tbody>
</table>

**GRADUATE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>301 Basic Physical Science for Elementary Teachers</td>
<td>3</td>
</tr>
</tbody>
</table>
PHYSICS

LOWER DIVISION

103 A Cultural Approach to Physics (4 credits). Designed for liberal arts students. Students should gain an appreciation for the basic ideas in physics and how these ideas have contributed to the development of western culture by their influence on philosophy, religion and technology. Three lectures and one laboratory experiment per week. Spring semester.

101-102 General Physics (4 credits). Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the Bachelor of Arts and Bachelor of Science Curricula, and may be taken by forestry, pre-dental and pre-medical students. Three lectures and one 3-hour laboratory period per week. Prerequisite: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiophysics (2 credits). An introduction to electrical, atomic, and nuclear physics is presented with a review of fundamental physical science included. Fall semester.

104 Radiophysical Physics (3 credits). An application of electronic atomic and nuclear physics to image intensification, fluoroscopy, cine-filadography, video tape systems, stereoradiography, body section, radiography, therapeutic radiology and nuclear medicine. Prerequisite: PH 103. Two lectures and one 2-hour laboratory per week. Spring semester.

105 Introduction to Descriptive Astronomy (4 credits). A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Three lectures and one two-hour laboratory. Several scheduled evening viewing stations and planetarium visits are required. A one-semester course for non-science majors. Each semester.

109 Introduction to Computers (4 credits). (Crosslist—M 109). Designed for non-science majors. The impact of computers on society and their potential and limitations will be studied. Introduction to computer hardware and programming will be included. Three 1-hour lectures and a 2-hour laboratory period each week.

207 Introduction to Biophysics (4 credits). A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used to lab to study biological systems. Three 1-hour lectures and one 3-hour lab. Prerequisite: It is recommended that the students have taken Math 111 or 115 or its equivalent.

220 Physics I—Mechanics (3 credits). Kinematics, dynamics of particles, statics, momentum, work, energy, rotational motion and vibrational motion. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: M-205. Must be taken concurrently with M-205. Either semester.

221 Physics II—Wave Motion and Heat (3 credits). Wave motion on strings, acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the First and Second Laws of Thermodynamics. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH-220. Must be taken concurrently with PH-223. Either semester.

222 Physics III—Electricity and Magnetism (4 credits). Coulomb’s Law, electric fields, potential, the electric potential, magnetic fields, magnetic induction and simple circuits. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH-220. Must be taken concurrently with PH-224. Either semester.

223 Wave Motion and Heat Lab (1 credit). A lab designed to be taken concurrently with PH-221. Basic experiments in mechanics, wave motion, sound, optics and heat. One three-hour lab per week. Prerequisite: PH-220 and concurrent enrollment in PH-221. Either semester.

224 (EN 224) Electricity and Magnetism Lab (1 credit). A lab designed to be taken concurrently with PH-222. Basic experiments in electricity, simple circuit analysis and instrumentation. One three-hour lab per week. Prerequisite: PH-220 and concurrent enrollment in PH-222. Either semester.

UPPER DIVISION

301 Electronics Lab (3 credits). Electricai measurements, power supplies, amplifier circuits, oscillators, servo systems, and electronic switching and timing. One 1-hour lecture and two 3-hour laboratory periods per week. Prerequisite: PH-222 and PH-224. Fall semester.

304 Transducers (2 credits). A course designed to acquaint the student with some of the more common laboratory sensing devices which are used in converting non-electrical signals into electrical signals so that measurements can be made. One 1-hour lecture and one 3-hour lab per week. Prerequisite: PH-301. Spring semester.

307 Laboratory Microprocessor Applications (3 credits). A lecture/laboratory course designed to provide the student with the necessary skills to utilize a preassembled microprocessor system for data acquisition and control. Two 1-hour lectures and one 3-hour lab per week. Prerequisite: PH-222 or EN-222. Either semester.

311-312 Modern Physics (3 credits). A brief introduction to the special theory of relativity, basic quantum mechanics, methods of elementarv mechanics with applications to atomic and nuclear physics, and properties of matter. Three lectures per week. Prerequisite: PH-221, PH-222, C-132. Corequisite: M-321 or M-331. Each semester.

331 Optics (4 credits). An upper division course stressing the applied facets of optics such as the use of various optical components for analysis and measurement. Survey of the visible region of the electromagnetic spectrum. Three 1-hour lectures and one 3-hour lab per week. Prerequisite: PH-221 and PH-222. Fall semester.

341 Mechanics (4 credits). An upper division course which approaches classical mechanics from the aid of vector calculus and differential equations. Numerical techniques and computer applications will be used. Four 1-hour lectures per week. Prerequisite: M-340 and PH-220. Fall semester.

381-382 Electricity and Magnetism (3 credits). Electrostatic fields, potentials, Gauss' law, solutions of Laplace's equation, electrodynamics of conductors and dielectric materials, magnetic materials, vector potentials, Maxwell's equations, and electromagnetic radiation. Three one-hour lectures per week. Prerequisites: PH-221, PH-222 and M-321 or M-331. Each semester.

422 Advanced Topics (3 credits). Selected topics from the major fields of physics such as Astrophysics, Nuclear, Solid State, Solar Applications, Biophysics, Medical Physics. Prerequisite: Upper division standing and consent of the instructor, and possibly specific courses depending on topic.

461 Senior Lab (3 credits). A senior laboratory course designed to acquaint the student with concepts of modern physics, laboratory techniques and measurements. Two 3-hour labs per week. Prerequisite: PH-312. Fall semester.

462 Senior Project (1 or 2 credits). Elective. A sophisticated laboratory project in some area of physics. Prerequisite: PH-461. Spring semester.

498 Physics Seminar (1 credit). Individual reports on selected topics. Senior status.

DEPARTMENT OF POLITICAL SCIENCE

Chairman and Professor: Dr. Willard M. Overgaard; Professors: David L. Kilmer; Gordon P. Prothero; Peter M. Raymond, Scheoeding; Assistant Professors: Habison, Moncrief; Instructors: Kinney, Mabbott; Special Lecturer: Kuy Kendall.

The program of the Department of Political Science is designed to provide the student with a knowledge of political values, of the American political system, of the political systems of other areas of the world, and of international politics and institutions; to provide an understanding of the interactions of institutions, groups, and the individual within the framework of the diverse political systems and political relationships; to develop a comprehension of the methodology relevant to the discipline of Political Science in the various substantive areas of concentration, including political philosophy, American governmental systems and processes, political behavior, comparative government and politics, international relations, and legal and public law; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student's understanding of the political environment on the local, national, and international levels.

The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the College offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

A Master's of Public Administration degree program is also offered through the Department of Political Science.

REQUIREMENTS FOR POLITICAL SCIENCE MAJOR

Bachelor of Arts Program

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

- Political Philosophy
- American Governmental Systems and Processes
- International Relations
- Public Administration

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

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

**SCHOOL OF ARTS & SCIENCE**

**A. General College and Core Requirements**

**B. Political Science Major Requirements (45 credits)**

1. **Lower Division Courses (12 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

*The Seminar is not applicable to public administration area of emphasis but is strongly recommended.

At least 3 Semester Credits in Western Political Theory, either PO 441 or PO 442, strongly recommended for all students with a major program in Political Science.

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

**I. Political Science—Political Philosophy emphasis**

Political Philosophy as an area of emphasis is designed to accommodate students whose principal interest in Political Science is the fundamental political thought, past and present, in the development of political institutions in society.

**A. General College and Core Requirements**

**B. Political Science Major Requirements (45 credits)**

1. **Lower Division Courses (12 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 441 Western Political Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PO 442 Western Political Theory II</td>
<td>3</td>
</tr>
<tr>
<td>PO 451 Comparative Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 441 Western Political Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PO 442 Western Political Theory II</td>
<td>3</td>
</tr>
<tr>
<td>PO 451 Comparative Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 441 Western Political Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PO 442 Western Political Theory II</td>
<td>3</td>
</tr>
<tr>
<td>PO 451 Comparative Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

**A. General College and Core Requirements**

**B. Political Science Major Requirements (45 credits)**

1. **Lower Division Courses (18 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 102 State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 221 Public Opinion and Voting Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (27 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 301 American Parties and Interest Group Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 303 Introduction to Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PO 312 Legislative Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
<tr>
<td>Political Science Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

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

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

**A. General College and Core Requirements**

**B. Political Science Major Requirements (45 credits)**

1. **Lower Division Courses (12 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 303 Introduction to Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PO 310 Public Finance</td>
<td>3</td>
</tr>
<tr>
<td>PO 465 Comparative Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PO 467 Administrative Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
<tr>
<td>Political Science Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

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

As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as public administration and economics, public administration and sociology, public administration and psychology, public administration and communications. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in the field of computer science, psychology, sociology, history, economics, and communications.

**A. General College and Core Requirements**

**B. Political Science Major Requirements (45 credits)**

1. **Lower Division Courses (15 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101 American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 102 State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 141 Contemporary Political Ideologies</td>
<td>3</td>
</tr>
<tr>
<td>PO 229 Comparative European Governments and Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 231 International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (30 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 301 American Parties and Interest Group Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 303 Introduction to Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PO 312 Legislative Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

2. **Upper Division Courses (30 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 301 American Parties and Interest Group Politics</td>
<td>3</td>
</tr>
<tr>
<td>PO 303 Introduction to Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PO 312 Legislative Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 331 American Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>PO 351 Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PO 498 Senior Seminar (Scope and Methods of Political Science)</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

**Political Science**

**Social Science Curriculum Major**

**Required (24 credit hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 102</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 221</td>
<td>Public Opinion and Voting Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PO 231</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PO 239</td>
<td>and either</td>
<td></td>
</tr>
<tr>
<td>PO 324 or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO 333</td>
<td>Comparative Government</td>
<td>6</td>
</tr>
<tr>
<td>PO 331 or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO 441</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO 442</td>
<td>Political Theory</td>
<td>6</td>
</tr>
</tbody>
</table>

**Plus upper division Political Science electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

**Social Science Curriculum Minor**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 101</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>PO 231</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>PO 331</td>
<td>and/or</td>
<td></td>
</tr>
<tr>
<td>PO 442</td>
<td>Political Theory</td>
<td>3-6</td>
</tr>
</tbody>
</table>

**Certification Requirement: 6 hours of U.S. History**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

**COURSES**

**PO POLITICAL SCIENCE**

**LOWER DIVISION**

**101 American National Government (3 credits)** A study of the institutions and processes of the American political system, emphasizing the social, ideological, and constitutional background. Each semester.

**102 State and Local Government (3 credits)** A study of the institutions and processes of state and local government with emphasis on constitutionalism, legislatures, governors and reapportionment. Each semester.

**141 Contemporary Political Ideologies (3 credits)** An examination of liberalism, communism, fascism, and Nazism, with emphasis on the principal ideas characteristic of these ideological systems. Each semester.

**211 Public Opinion and Voting Behavior (3 credits)** The course will explore the development of public opinion and electoral behavior. Empirical research from a variety of fields will be used in an attempt to understand and analyze the factors that mold popular attitudes and political behavior. Prerequisite: PO 101 or PO 102. Spring semester.

**229 Comparative European Governments and Politics (3 credits)** A comparative study of the political systems of selected European nation-states, including Britain, France, the German Federal Republic, Italy and the Scandinavian states. The patterns of political culture, political interests, political power, and selected public policy issues will be analyzed. Prerequisite: PO 101 or consent of instructor and approval of Department Chairman. Each semester.

**231 International Relations (3 credits)** A study of the nature of relations among nations with particular reference to contemporary international issues; an analysis of motivating factors including nationalism, imperialism, communism, a study of the problems of national sovereignty and its relationship to international cooperation. Prerequisite: PO 101. Each semester.

**UPPER DIVISION**

**301 Parties, Electoral Process and Interest Groups (3 credits)** The major objective of this course is to develop an understanding of the nature, functions, organization, and activities of political parties and interest groups within the American political system. Emphasis will be placed on the performance of America’s two major political parties, especially in the area of nominations and elections, and on the organization and lobbying activities of the major American interest groups. Prerequisite: PO 101 or PO 102. Fall semester.

**303 Introduction to Public Administration (3 credits)** Theory, administrative organization, functions and problems of public governmental units. Prerequisite: PO 101. Each semester.


**311 Comparative Foreign Policy (3 credits)** A comprehensive study of the political institutions, concepts, values, and methods of international politics relevant to the practice of nation-states; examinations of foreign policies and objectives of the world’s major states and their impact on contemporary international problems; considerations of international politics, Prerequisite: PO 101 or PO 231 or consent of instructor and approval of Department Chairman. Fall semester.

**312 Legislative Behavior (3 credits)** An analysis of the behavior of American state and national legislators. Special consideration will be given to the impact of constituencies, parties, interest groups, interpersonal relations, and other related factors upon legislators, and the role of the legislature in the American political system. Prerequisite: PO 101. Spring semester.

**315 American Policy Process (3 credits)** An examination of the process through which policy is determined, implemented, and adjusted, with emphasis on the role of administrators. Prerequisite: PO 303. Either semester, alternate years.

**324 Comparative Communist Party-State Systems (3 credits)** A comparative study of the political systems of the Soviet Union, Eastern Europe, People’s Republic of China, and other Communist Parties. Selected topics and problems relating to the political institutions and political processes will be presented for defining the patterns of political relationships in the Communist Party-State system. Attention is to be focused on the question of political theories and political determinants in the development of the Communist Party-State. Prerequisite: PO 101 or consent of instructor and approval of Department Chairman. Fall semester, alternate years.

**331 American Political Theory (3 credits)** The genesis and development of political thought in the United States from the colonial period to the present. Fall semester.

**332 Comparative Governments and Politics of Developing Nations (3 credits)** A study of the political systems of selected nations in the developing areas of the world, including nations in Africa, Asia, and Latin America. The patterns and processes of political development and modernization in the nations will be analyzed. Prerequisite: PO 101 or consent of instructor and approval of Department Chairman. Either semester, alternate years.

**333 United States Foreign Policy (3 credits)** 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 on the formulation of foreign policies. Either semester, alternate years.

**335 United States Foreign Policy (3 credits)** Case study of the American constitutional system and its concepts as revealed in judicial decisions. Prerequisite: PO 101. Spring semester.

**421 International Law (3 credits)** Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practices of international law and their application to international affairs. Prerequisites: PO 101 and PO 231. Fall semester, alternate years.

**422 International Organization (3 credits)** Historical background, the League; basic problems of international entities; the United Nations. Prerequisites: PO 101 and PO 231. Either semester, alternate years.

**441 Part I Western Political Theory (3 credits)** The development of political philosophy from Socrates to Machiavelli. Fall semester, alternate years.

**442 Part II Western Political Theory (3 credits)** The development of political thought since Machiavelli. Prerequisite: PO 441. Spring semester, alternate years.

**451 Comparative Legal Systems (3 credits)** An examination of the principal legal systems of the world, with emphasis on ideological foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisites: PO 101, PO 141, and PO 299 or consent of instructor and approval of Department Chairman. Spring semester, alternate years.

**45G Comparative Public Administration (3 credits)** Systematic examination and comparison of the varied models and theories of administrative systems. The course will cover international and international studies. (Students enrolled in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO 303. Each semester.

**45G Administrative Law (3 credits)** Review of the sources of power and duties of administrative agencies, the rules and regulations made by the agencies through investigation and hearings, as well as judicial decisions and precedents relating to administrative activities. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO 303. Each semester.

**487G Intergovernmental Relations (3 credits)** An examination of 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.) Prerequisite for undergraduate students: PO 101, PO 102, and PO 303. Either semester.

**487G Organizational Theory and Bureaucratic Structures (3 credits)** A socio-political analysis of the 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.) Prerequisite for undergraduate students: PO 101, PO 102, and PO 303. Either semester.

**489G Seminar in Political Science (3 credits)** A seminar for advanced undergraduate and graduate students. Topics will vary from semester to semester. (Students enrolling in this course for graduate-level credit will be assigned special requirements on preparation.) Prerequisite for undergraduate students: PO 303. Each semester.

**489G Seminar in Political Science (3 credits)** This seminar is required of all Political Science majors. Fall semester.

Upper division students may arrange through the department for an internship in political science. The Legislative Internship is a part of this program, and application for it should be made in early October.
DEPARTMENT OF SOCIAL WORK

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

Chairman and Associate Professor: Douglas Yunker; Associate Professors: Huff, Oliver, Panitch; Assistant Professor: Moore; Adjunctive Faculty: Johnson, Walker.

Community Field Work Faculty: Tom Wedeven, Casey Family Program; Charles Hansen, Allen Jarrett, Patrece Moody, Barry Kurz, Veterans Administration Hospital; Jane Knowlton, Carol Skov, William Handorf, Region IV Child Protection Unit H&W; Jeanne Dunbar, El-Ada Community Action, Inc.

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. They are sought for service in schools, courts, hospitals and clinics that seek to detect and prevent delinquency and child neglect.

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

REQUIREMENTS FOR
SOCIAL WORK MAJOR
Bachelor of Arts Program

CREDITS

General University and Major Requirements: 128

A. Lower Division Courses: 60

- English Composition: 6
- Literature: 6
- Humanities: 6
- History: 6
- Lab Science and/or Math: 12
- Communication: 3
- Economics: 3
- Intro-Sociology: 3
- Social Problems: 3
- General Psychology: 3
- State and Local Government: 3
- Intro to Social Work: 3
- Elementary Social Work Processes: 3

B. Upper Division Courses: 40

- Social Welfare: 3
- Normal Social Functioning: 3
- SW Methods—Casework: 3
- SW Methods—Groupwork: 3
- SW Methods—Community Organization: 3
- Statistics: 3
- Psychology Electives: 9
- Field Work: 9
- General Electives: 10
- Senior Seminar: 2
- General Electives—Lower — Upper Division: 28

Recommended electives:
- AN 202, AN 307, CM 351, CM 361, EC 210, EC 219, P 301, P 311, P 312, P 341, P 351, P 353, PO 301, PO 312, PO 320, PO 101, PO 121, PY 211, PY 231, S 101, S 102, S 200, S 311, S 325, S 351, S 361, S 402, S 415, S 417.

COURSES

SW SOCIAL WORK

LOWER DIVISION

101 Introduction to Social Work (3 credits). A general background in the various areas of the discipline is presented and within which specific philosophical problems are examined in the light of the solutions by various philosophers in Western culture. The areas examined include metaphysics, ethics, and epistemology. Each semester.

121 Introduction to Logic (3 credits). Logic is the science of valid reasoning. To be studied are the logical rules of inference, methods or argumentation, logical problem solving and the nature of logical fallacies. Fall semester.

211 Ethics (3 credits). Problems of both normative ethics and metaethics are examined. Normative ethics concerns the norms and guidelines of moral behavior. Various solutions are offered in response to the question, "What ought one to do, given a moral dilemma?" Metaethics is principally concerned with the nature of ethical statements. Naturalism, intuitionalism, and emotivism are thus examined. Spring semester.

231 Philosophy of Religion (3 credits). The various types of arguments for the existence of God are examined. Various conceptions of the nature of God are explored as well as such problems as the problem of evil and problem of free will. Either semester.

245 Metaphysics (3 credits). As the core of philosophy, this course includes an examination of (a) the problem of free will vs. determinism, (b) the nature of causation, and (c) the problem of personal identity, and (d) ontology. Prerequisite: PY 101. Fall semester.

247 Epistemology (3 credits). This course covers the theory of knowledge, including (a) an examination of the relationships and the difference between knowledge and belief, (b) an evaluation of the theories of perception and (c) theories of truth. Prerequisite: PY 101. Spring semester.

248 Ancient Philosophy (3 credits). A study of selected works of Plato and Aristotle. Prerequisite: PY 101. Fall semester.

251 Medieval Philosophy (3 credits). A study of the works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, Williams of Ockham, and other important medieval philosophers. Prerequisite: PY 101. Spring semester.

UPPER DIVISION

322 The Absolutism and Reason (Philosophy) (3 credits). A study of European thought in the eighteenth and nineteenth centuries. The age of absolutism, ideas of the philosophers, and the crisis of the old order leading to revolution. Prerequisite: Introduction to Philosophy, PY 101. (Courses may be taken either for History credit or for Philosophy credit, but not for both.) Either semester; alternate years. Offered 1975-76.

334 Phenomenology and Existentialism (3 credits). This course explores the most fundamental human problems which are subjective in nature; for, he is trapped by his own view of the world, yet the rational mind strives for objectivity. The clash between the two leads man to ask the very basic questions, "Who am I?" and "What is my relationship to the external world?" The former is an existential question and the latter is a phenomenological one. Prerequisite: PY 101. Fall semester.

446 Symbolic Logic (3 credits). A study of the translation of natural language statements into symbolic form for the purpose of ridding them of ambiguity and of making deductions through the rules of propositional calculus. Prerequisite: PY 101. Spring semester.

466 Philosophy of Science (3 credits). This course seeks to examine such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities. Prerequisite: PY 101 or PY 121. Fall semester.
**DEPARTMENT OF
SOCIOLGY,
ANTHROPOLOGY
AND
CRIMINAL JUSTICE
ADMINISTRATION**

Chairman and Professor: Dr. Max Pavesic; Professors: Dorman, Harvey, Pavesic, Scheller; Associate Professors: Baker, Christensen, Hopfenbeck, Marsh; Assistant Professors: Corbin, Cox, Hall; Visiting Professor: Ames.

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

**ASSOCIATE DEGREE**

- Criminal Justice Administration
- Social Science (Penitentiary only)

**BACHELOR'S DEGREE**

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

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

**CRIMINAL JUSTICE ADMINISTRATION**

Following are the requirements for a Bachelor of Arts or Bachelor of Science and a suggested sequence of enrollment:

### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th></th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science/Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>American National Government</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Fundamentals of Speech Communications</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>State/Local Government</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to the Criminal Justice System</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Defensive Tactics*</td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

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

### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th></th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Financial Accounting</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Police in the Community</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Law of Criminal Evidence</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Area I Courses (Humanities)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>General Psychology</td>
<td>-</td>
<td>3</td>
</tr>
</tbody>
</table>

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th></th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area I Course</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Administration of Justice</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Police Organization and Management</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science/Mathematics</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Criminal Justice Electives (Upper Division)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Abnormal Psychology</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Criminal Law</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Contemporary Correction Theory and Practice</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

### SENIOR YEAR:

<table>
<thead>
<tr>
<th></th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology/Psychology Elective (Upper Division)</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>Contemporary Law Enforcement Problems</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Comparative Law Enforcement Administration</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Criminalistics</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Juvenile Delinquency</td>
<td>-</td>
<td>3</td>
</tr>
</tbody>
</table>

Following are the requirements for the Associate of Science (2-year) degree and a suggested sequence of enrollment:

<table>
<thead>
<tr>
<th></th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science/Mathematics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>American National Government</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Fundamentals of Speech Communications</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>State/Local Government</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to the Criminal Justice System</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Defensive Tactics**</td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

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

### SOCIAL SCIENCE

Following are the requirements for the Bachelor of Arts in this major:

1. General University and Basic Core requirements:
2. Social Science requirements:
SCHOOL OF ARTS & SCIENCE

A. Lower Division Courses ................................................. 21
   Anthropology ......................................................... 3
   Economics ............................................................ 3
   Political Science ..................................................... 3
   Sociology .............................................................. 3
   Social Science Electives .............................................. 9

B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields) ................................................. 24
   Anthropology
   Economics
   History
   Political Science
   Sociology
   Psychology

SOCIOMETRY

1. General University and core requirements to meet either Bachelor of Arts or Bachelor of Science Program as given on pages 24-26. Bachelor of Arts degree candidates are required to complete one year of a foreign language. Sociology courses may not be used to satisfy Area II requirements.

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

3. At least 29 credit hours in Sociology including:

   Introduction to Sociology ........................................... 3
   Elementary Social Statistics ....................................... 3
   Social Research ....................................................... 3
   History of Sociology ................................................ 3
   Current Sociological Perspectives ............................... 3
   Sociology Seminar ................................................... 2

*The following courses are strongly recommended:
HY 102, 103 — History of Western Civilization
Mathematics — 8 hours
P 101 — Introduction to Psychology

SOCIOMETRY—SOCIAL SCIENCE SECONDARY EDUCATION OPTION

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

The 30 hour Social Science Curriculum Major in Sociology is the same as for the Bachelor’s Degree in Sociology with the addition of one single credit hour of SO-496, Independent Study (arrangements for this need to be made through contact with individual sociology professors).

SOCIAL SCIENCE CURRICULUM MINOR ANTHROPOLOGY

Required courses .......................................................... 9
   (AN-101, 102, 311)
Upper division Anthropology electives ............................ 6

SOCIAL SCIENCE CURRICULUM MINOR SOCIOLOGY

Required course ............................................................ 3
   (SO-101)
Sociology electives—half must be upper division ............... 12

Minor certification endorsements for teaching areas are listed in this Bulletin on page 108 of the Department of Teacher Education section within the School of Education division.

MULTI-ETHNIC STUDIES

The Multi-Ethnic Studies Program, which is open to all students, is an inter-disciplinary area of emphasis, providing a Bachelor of Arts degree, which 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 Societal and Urban Studies; Mamie Oliver, Department of Social Work, to develop program of study.

BACHELOR OF ARTS PROGRAM

1. General University Requirements .................................. 51

2. Ethnic Studies Requirements
   a. Lower Division Courses ......................................... 15
      Introduction to Multi-Ethnic Studies ......................... 3
      Cultural Anthropology ........................................... 3
      Ethnic Literature courses ..................................... 6
      Minorities in the United States History ...................... 3
   b. Upper Division Courses .......................................... 3
      Racial and Cultural Minorities ................................ 3
   c. Elective Ethnic Courses ......................................... 30
      (List of approved course offerings available from Program Supervisors)

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

Multi-Ethnic Studies Minor
   a. Requirement ....................................................... 9
      Introduction to Multi-Ethnic Studies ......................... 3
      Minorities in United States History ......................... 3
      Ethnic Literature courses ..................................... 3
   b. Elective Ethnic Courses ......................................... 12

   (List of approved course offerings available from Program Supervisors)

AN ANTHROPOLOGY

LOWER DIVISION

101 Physical Anthropology (3 credits). An introduction to the fossil evidence for human evolution, population genetics, human variation, and the study of living primates with emphasis on behavior. Each semester.

102 Cultural Anthropology (3 credits). The meaning of culture; its significance for human beings; similar and diverse forms and degrees of elaboration of culture in relation to technology, economic systems, social organization, values and beliefs. Each semester.

103 Introduction to Archaeology (3 credits). An introduction to the historic background and basic techniques of archaeology. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, their activities and their histories. Each semester.

UPPER DIVISION

303 Old World Prehistory (3 credits). Survey of cultural evolution. The course traces human development from the first known evidence of cultural behavior (ca. two and a half million years ago) to the development of humans during the “Ice Age,” the spread of humanity throughout the Old World: the domestication of plants and animals, and the rise of civilization. Prerequisite: AN 201 or 202 or 203, upper division status, or consent of instructor. Either semester.

307 Indians of North America (3 credits). A general survey with emphasis on the description and analysis of native cultures and the role of environment and historical factors in North America. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

311 Peoples and Cultures of the World (3 credits). A survey course designed to introduce the student to selected cultures from around the world. Emphasis will be on the description and possible explanations for cultural similarities and differences. Prerequisite: AN 202, upper division status, or consent of instructor. Either semester.

315 Indian Peoples of Idaho (3 credits). A study of the prehistoric and recent cultures of the native peoples of Idaho. Topics will include the interpretation of ancient Idaho cultures, the distinctiveness of the recent tribal groupings and the relationships between past and present Idaho societies to those of the Great Basin, Interior Plateau and Northern Plains. Prerequisites: AN 202, upper division status, or consent of instructor. Either semester.

412 Archaeology of North America (3 credits). A survey of prehistoric cultures of North America north of Mexico. The course includes a history of ideas about native American origins and antiquities along with demonstrating regional societal complexity on the continent. Special emphasis is given to the study of early man and the cultures of the
Eastern Woodlands, the American Southwest and the Intermountain West. Prerequisite: AN 203, upper division status, or consent of instructor. Either semester.

21 Theory and Method in Archaeology (3 credits). A survey of the philosophical and theoretical foundations of archaeology, including the developments in methodology and technical advances as applied to archaeological research. Prerequisite: AN 203, upper division status, or consent of instructor. Spring semester.

CR CRIMINAL JUSTICE ADMINISTRATION

LOWER DIVISION

201 Introduction to Criminal Justice Administration (3 credits). A study of philosophy, history, objectives and the functions of law enforcement as an institution, institutional relationship to society; general overview of the administration of justice. Fall semester.

215 Police in the Community (3 credits). A study of police behavior in urban and rural areas with an emphasis on the police response to community change, attitudes, special interest groups, and minority relations. Prerequisite: CR 201. Fall semester.

231 Criminal Investigation (3 credits). Designed to acquaint the student with investigation as it involves the application of the investigative process in discovery and preservation of evidence, investigative report organization and content of investigative reports, and evidentiary proof of the elements of crime. Prerequisite: CR 201. Spring semester.

275 Law of Criminal Evidence (3 credits). 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. Prerequisite: CR 201. Fall semester.

276 Law of Arrest, Search and Seizure (3 credits). A highly concentrated study of the legal issues involved in decisions made by police officers in arrest, search and seizure in accordance with statutes, case law and Supreme Court decisions as they relate to constitutional protections. Prerequisite: CR 201. Spring semester.

UPPER DIVISION


311 Criminal Law (3 credits). An analysis of criminal law and its effect on the enforcement of the tolerance limit of society. Prerequisite: CR 201. Spring semester.

331 Corrections in the Community (3 credits). The historical development, organization, operation and outcome of post-conviction release programs. Included are the traditional court and institutionally supervised programs of probation and parole as well as work release halfway houses, diversion programs, furlough concept and various community/social agency rehabilitative programs of both traditional and innovative nature. Prerequisite: CR 201 and/or SO 101. Fall semester.

340 Principles of Interviewing (3 credits). Familiarization with the elements of the interviewing process for law enforcement personnel. Included are both the counseling and interrogative aspects with a view of promoting effective and productive relationships within any interviewing situation. Prerequisite: CR 201, P 101. Fall semester.

351 Police Organization and Management (3 credits). The principles or organization and management as applied to law enforcement administration, current and future problems in criminal justice administration. Prerequisite: CR 201. Fall semester.


380 Introduction to Criminalistics (3 credits). Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field investigation and laboratory techniques. Prerequisite: CR 201. (Alternate years). Spring semester.

411 Contemporary Law Enforcement Problems (3 credits). Exploration of current and anticipated administrative procedural areas of difficulty as they result from changing public opinion, changing needs and demands, court precedent and decision, and progressive developments and experimentation within law enforcement. Prerequisite: CR 201, upper division CJAJ standing. Spring semester.

420 Private and Industrial Security (3 credits). Philosophy and techniques of operation in the areas of security organization and management, investigations, physical plant and personnel security, and legal and jurisdictional limitations. Prerequisite: CR 201, upper division CJAJ standing. Fall semester.

451 Comparative Law Enforcement Administration (3 credits). An analysis and comparison of law enforcement systems at the Federal, State, and local levels and international systems. Prerequisite: CR 201. (Alternate years). Spring semester.

490 Field Practicum (6 credits). Students will work in selected criminal justice agencies under the joint supervision of CJAJ faculty and enforcement personnel. After training and orientation, the student will be assigned duties equivalent to those performed by full-time personnel. A research project appropriate to the agency type and areas of responsibility is required of each student. Regular seminar academic obligations. Required of all 4-year degree students who do not have one year of continuous, full-time criminal justice experience. Students will arrange to devote the summer of their Junior year to this course. Prerequisite: 15 credits in criminal justice coursework and Junior standing. Summer Session, but Fall or Spring Semesters by special permission of the CJAJ director.

SO SOCIOLOGY

LOWER DIVISION

101 Introduction to Sociology (3 credits). Introduction to the sociological perspective, analysis of the basic elements of human groups and societies, culture, social organization, socialization, inequality, and population. Each semester.

102 Social Problems (3 credits). Application of the sociological analysis to contemporary problems associated with the social system. Prerequisite: 101. Spring semester.

230 Introduction to Multi-Ethnic Studies (3 credits). 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. Either semester. Offered alternate years. Fall semester.

250 Population (3 credits). The theory of population from Mal'tush to the present (1) Social Factors that influence population size, such as birth control and inadequate housing; (2) composition of the population, past and present trends of populations. Prerequisite: Introduction to Sociology SO 101. Either semester, alternate years. Offered 1978-79.

UPPER DIVISION

305 Racial and Cultural Minorities (3 credits). Analysis of inter-ethnic contacts. The development of racial attitudes; theories relating to causal factors of prejudice and discrimination. Prerequisite: Introduction to Sociology SO 101 or General Psychology P 101 and upper division status. Either semester.

310 Elementary Social Statistics (3 credits). The application of measurement to social research data. Basic statistical measures, techniques for their application, meaning and use of research. Recommended for all 4-year degree students who do not have one year of continuous, full-time personnel. A research project appropriate to the agency type and areas of responsibility is required of each student. Regular seminar academic obligations. Required of all 4-year degree students who do not have one year of continuous, full-time criminal justice experience. Prerequisite: CR 201. Offered alternate years. Offered 1980-81.

325 Sociology of Aging (3 credits). Analysis of aging as a social process emphasizing the changing role of aging, a result of the process, the demands made on and by society because of the way it defines and deals with age and the problems created for society and for the aged as a result of values, attitudes and beliefs. Prerequisite: SO 101 and upper division status. Either semester.

331 Deviant Behavior and Social Control (3 credits). Analysis of the forms and causes of social deviancy, how social systems control behavior through the socializing process, the sanction system and the allocation of prestige and power. Prerequisite: Introduction to Sociology SO 101 and upper division status. Either semester.

340 Sociology of the Family (3 credits). An analysis of marriage, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the relationships of these patterns to the larger society. Prerequisite: SO 101. Either semester.

351 Social Institutions (3 credits). Study of the basic institutions. An analysis of values, forms, and behavior organized around the important goals of society. Prerequisite: SO 101, and upper division status.

360 Industrial Sociology (3 credits). Study of the social organization of work in industrial society, its relation to internal human relations and to the external relations in the community and society. Prerequisite: SO 101 and upper division status. Either semester.


401 History of Sociology (3 credits). Presociological perspectives on society from ancient times to the 20th Century. Relationships of social thought and social structure. Theories of selected sociologists. Prerequisite: SO 101 and upper division status. Spring semester.

402 Current Sociological Perspectives (3 credits). Major theoretical issues in contemporary sociology, works of leading contemporary sociologists. Prerequisite: SO 101 and upper division status. Spring semester.

403 Social Change (3 credits). This course will study the factors which gave rise to and influence the acceptance or rejection of innovations, and their effects on social institutions. Prerequisites: SO 101 and upper division status. Either semester.

407 Sociology of Religion (3 credits). A study of religion as a social phenomenon. Prerequisite: SO 101 and upper division status. Offered alternate years. Either semester.

415 Juvenile Delinquency (3 credits). A study of causation, treatment, and control of juvenile delinquency. Prerequisite: SO 101 and upper division status. Fall semester.

417 Criminology (3 credits). Sociology applied to the study of "crime" as defined by the laws of society, the possible causes of criminal behavior and the way society attempts to control criminal behavior. Prerequisite: SO 101 and upper division status. Fall semester.

421 Social Stratification (3 credits). Examination of dominance and subordination and its relationship to age, sex, ethnicity, prestige and power. Effects of the social hierarchy upon attitudes and its role in social change are considered from various angles such as: contest for dignity, elite exploitation, outgrowth of occupational specialization. Offered alternate years. Offered 1980-81.
SCHOOL OF ARTS & SCIENCE

424 Rural Sociology and the Emerging Nations (3 credits). The sociological study of rural life, the agrarian society and the phenomena of the emerging nations. Prerequisite: SO 101 and upper division status. Either semester. Offered alternate years.

425 The Urban Community (3 credits). An examination of the changing growth, demographic, stratification and institutional structure of urban communities, the causes of urbanization and its consequences for individual and group interaction. Prerequisite: SO 101, and upper division status. Offered alternate years. Not offered 1986-87. Either semester.

431 Social Psychology (3 credits). Social factors affecting individual behavior: formation and change of attitudes; social and cultural effects on individual cognitions: effects of leadership on members of groups and organizations. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite: P 101 or SO 101 upper division status. Either semester.

481 Organizational Theory and Bureaucratic Structure (3 credits). A sociopolitical analysis of the theories and concepts of complex social organizations, their application to public administration and the interrelationship between political science and sociological organizational theory. (This course is offered on an interdepartmental basis with the Department of Political Science and is also designated as PO 487 for students undertaking a major program in Political Science.) Prerequisite: Upper division standing and consent of the instructor. Either semester.

488 Sociology Seminar (2 credits). Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.

SS SOCIAL SCIENCE

450 Teaching Social Studies In the Secondary Schools (3 credits). A course designed to help produce effective teaching of social studies and social science classes in junior and senior high schools through an investigation of approaches to teaching the various disciplines, to research methodologies used, and to materials and curricula. Prerequisite: Upper Division standing. Offered fall semester.

457 The Urban Community (3 credits). An examination of the changing growth, demographic, stratification and institutional structure of urban communities, the causes of urbanization and its consequences for individual and group interaction. Prerequisite: Upper division standing. Either semester. Offered alternate years.

DEPARTMENT OF THEATRE ARTS

Chairman and Associate Professor: Dr. Robert E. Ericson; Professors: Lauterbach, Shankweiler; Assistant Professors: Jones, Buss, Helie.

REQUIREMENTS FOR THEATRE ARTS MAJOR

BACHELOR OF ARTS PROGRAM

General college requirements as listed under college requirements, Bachelor of Arts degree except:

A. TA 010, Theatre Symposium, required each semester of every Theatre Arts major.

B. Theatre Arts majors are required to take two hours of Physical Education courses as recommended by their advisor, (i.e., fencing, dance, gymnastics, etc.)

C. Area I

1. Intro to Theatre and Art or Music course........................................................................ 6
2. Dramatic Literature....................................................................................................... 3
3. Elective Literature course............................................................................................. 3

D. Area II

1. History of Western Civilization.................................................................................... 6
2. Elective ......................................................................................................................... 6

E. The department recommends that Theatre Arts Majors take one year of foreign language, and LS 101.

MAJOR SUBJECT REQUIREMENTS

THEATRE:

1. Introduction to Theatre ................................................................................................. 3
2. Technical Theatre.......................................................................................................... 8
3. Acting (lower division).................................................................................................. 3
4. Stage Voice.................................................................................................................. 3
5. World Drama............................................................................................................... 6
6. Directing...................................................................................................................... 6
7. Theatre History............................................................................................................ 6
8. Contemporary Drama.................................................................................................. 3
9. Major Production Participation (2 hours lower, 1 hour upper division).................... 4
10. (Upper Division—21)

SECONDARY EDUCATION:

Department requirements for the Secondary Education Option are the same as regular theatre major plus:

1. TA 402 Directing
2. E 345 or E 346 Shakespeare is substituted for Contemporary Drama TA 445.
3. The student must also satisfy the requirements for teacher certification.

THEATRE ARTS MAJOR

Bachelor of Arts Program

(Suggested Sequence: departmental requirements are indicated by asterisks)

THEATRE EMPHASIS:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition ..................</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education* .................</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Theatre* ...........</td>
<td>3</td>
</tr>
<tr>
<td>Technical Theatre* ...................</td>
<td>4</td>
</tr>
<tr>
<td>Art or Music ............................</td>
<td>—</td>
</tr>
<tr>
<td>Introduction to use of Books &amp; Libraries</td>
<td>—</td>
</tr>
<tr>
<td>English Composition ..................</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>16</td>
</tr>
</tbody>
</table>

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature* ................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Acting* ..................................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Oral Interpretation ..................</td>
<td>3</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language ........................</td>
<td>4</td>
</tr>
<tr>
<td>Stage Voice* ............................</td>
<td>3</td>
</tr>
<tr>
<td>World Drama ............................</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Upper Division) ...........</td>
<td>8</td>
</tr>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Theatre History* .....................</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Upper Division) ..........</td>
<td>9</td>
</tr>
<tr>
<td>Contemporary Drama* ..................</td>
<td>—</td>
</tr>
<tr>
<td>English Composition ..................</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education* ..................</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Theatre* ............</td>
<td>4</td>
</tr>
<tr>
<td>Technical Theatre* ...................</td>
<td>4</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>—</td>
</tr>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature* ................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Theatre History* .....................</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Upper Division) ..........</td>
<td>9</td>
</tr>
<tr>
<td>Contemporary Drama* .................</td>
<td>—</td>
</tr>
<tr>
<td>English Composition ..................</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education* ..................</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Theatre* ............</td>
<td>4</td>
</tr>
<tr>
<td>Technical Theatre* ...................</td>
<td>4</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>—</td>
</tr>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature* ................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
</tbody>
</table>

SECONDARY EDUCATION EMPHASIS:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature* ................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Theatre History* .....................</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Upper Division) ..........</td>
<td>9</td>
</tr>
<tr>
<td>Contemporary Drama* ..................</td>
<td>—</td>
</tr>
<tr>
<td>English Composition ..................</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education* ..................</td>
<td>1</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>4</td>
</tr>
<tr>
<td>Introduction to Theatre* ............</td>
<td>4</td>
</tr>
<tr>
<td>Technical Theatre* ...................</td>
<td>4</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>—</td>
</tr>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature* ................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Drama Language* .....................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature Elective ...................</td>
<td>3</td>
</tr>
<tr>
<td>Dramatic Literature* ................</td>
<td>—</td>
</tr>
<tr>
<td>Western Civilization* ...............</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science ..................</td>
<td>—</td>
</tr>
<tr>
<td>Social Science Elective ..............</td>
<td>—</td>
</tr>
<tr>
<td>Electives ................................</td>
<td>4</td>
</tr>
</tbody>
</table>

76
### ENGLISH MINOR FOR THEATRE ARTS

Secondary Education Option: See recommended minor listed in the B.S.U. Bulletin under the English Department Heading.

Liberal Arts Option (beyond E-101 and E-102):

<table>
<thead>
<tr>
<th>COURSES APPLICABLE TO BOTH DISCIPLINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-345, Shakespeare: Tragedies and Histories</td>
</tr>
<tr>
<td>E-346, Shakespeare: Comedies and Romances</td>
</tr>
</tbody>
</table>

**TOTAL HOURS IN ENGLISH MINOR FOR THEATRE ARTS MAJOR**

<table>
<thead>
<tr>
<th>COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 hours</td>
</tr>
</tbody>
</table>

### SCHOOL OF ARTS & SCIENCE

#### 215-216 Acting (3 credits)
Entails study of and practice in the various principles, terminologies, and disciplines of the acting art. Study includes the analysis of the speaking and movement of the actor, as well as the analysis of stage techniques, acting theories and philosophies, and recent internationally representative roles. One hour lecture, two hours lab each week required. Fall, Spring semesters.

#### 220 Cinema: History and Aesthetics (3 credits)
An examination of the development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form. Selected motion pictures projected and discussed in class. Each semester.

#### 230 Television: History and Aesthetics (3 credits)
An examination of television as an independent medium from critical and historical points of view. Course includes a study of dramatic and comedic types, the development of specialized programming, and the social and commercial influences on program content. Spring semester.

#### 241 Major Production Participation (1 credit)
Significant participation in a major college production in some phase of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours. Each semester.

#### 311 Advanced Acting (3 credits)
Intensive study in the problems of the actor in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. Prerequisite: TA 215-216 or consent of instructor. Fall, Spring semesters. Alternate years.

#### 321 Major Production Participation (1 credit)
Significant participation in a major college production in some phase of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours. Each semester.

#### 375 World Drama 1570-1790 (3 credits)
Study of outstanding selections from the dramatic literature of the period covered. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for performance rather than as literary form. Alternate Fall and Spring semesters.

#### 376 World Drama 1790-1890 (3 credits)
Same as TA 341, except that the period covered is from 1790 to 1890. Alternate Spring semester.

#### 377 World Drama 1890 to 1960 (3 credits)
Same as TA 341 except that the period covered is from 1890 to 1960 Alternate Fall semesters.

#### 325 Elements of Scenic Design (3 credits)
Major skills of design. Included will be the techniques for the theatre in major periods of scenic design. Examination of major designers’ works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118. Fall semester.

#### 352 Costume Design (3 credits)
Major skills of costume design. Included will be the techniques for the theatre, research in major periods of costume design, examinations of major costume designers’ works, and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate Spring semesters.

#### 362 Stage Lighting Design (3 hours credit)
A study of the theories, principles and practices of stage lighting including the aesthetics of color and light, and the techniques of production lighting. Prerequisite: TA 117-118. Alternate Fall semesters.

#### 481 Senior Projects (3 credits)
A study of world drama since 1960 with an emphasis on current research materials and techniques. Alternate spring semesters.

#### 485 Contemporary Drama (3 credits)
A study of world drama since 1960 with an emphasis on current research materials and techniques. Alternate spring semesters.

#### 487 Children’s Theatre (3 credits)
An examination of the literature, theory and history of theatre for children. Fall semester.

#### 488 Touring Children’s Theatre (3 credits)
A concentrated study of the theory and techniques of producing theatre for children. Specific emphasis on a single script selected for a touring production. Spring semester.

#### 491 Movement and Dance for the Performing Artist (3 credits)
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 TA 212 and/or 412 6 credits each semester.

#### 492 Movement and Dance for the Performing Artist (3 credits)
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 TA 212 and/or 412 6 credits each semester.

#### 493 Movement and Dance for the Performing Artist (3 credits)
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 TA 212 and/or 412 6 credits each semester.
PART V

SCHOOL OF BUSINESS

Dean: Thomas E. Stitzel, Ph.D.
Associate Dean and Graduate Program Coordinator: J. G. Doss, Ph.D.

DEPARTMENTS AND FACULTY

DEPARTMENT OF ACCOUNTING AND DATA PROCESSING:
Chairman and Associate Professor: Dr. Gordon Pirrong; Associate Professors: Behling, Carson, Cox, Hemingway, Jackson, McMillan, Medlin, Merz; Assistant Professors: Bradley, Millier.

DEPARTMENT OF BUSINESS EDUCATION AND OFFICE ADMINISTRATION:
Chairman and Professor: Dr. Marvin A. Clark; Professors: Brender, Cornwell, Manship; Associate Professors: Bounds, Williamson; Assistant Professors: Carlton, Warberg; Instructor: Butler.

DEPARTMENT OF ECONOMICS:
Chairman and Professor: Dr. Richard D. Payne; Professors: Asmus, Billings, Holley, Lamborn, Mitchell; Associate Professors: Draayer, Lichtenstein, Sula; Assistant Professor: Reynolds.

DEPARTMENT OF MANAGEMENT AND FINANCE:
Chairman and Professor: Dr. Roger D. Roderick; Professors: Allen, Phillips, Stitzel, White; Associate Professors: Bohner, Doss, Fitzpatrick, Gardner, Groebner, Kinslinger, Nix, Shannon, Tipton, Waldorf, Wilterding; Assistant Professors: Gallup, Heist, Kettlewell, Lyon, Munson.

DEPARTMENT OF MARKETING AND MID-MANAGEMENT:
Chairman and Professor: Dr. Duston R. Scudder; Professor: Knowlton; Associate Professors: Lane, Lincoln, McCain; Assistant Professor: Bahn.

SCHOOL OF BUSINESS EMERITI:
Albertson, Bushby, Edlefson, Johnson, Roe, Wilson.

OBJECTIVES OF THE SCHOOL OF BUSINESS

The School of Business at Boise State University is a unique and evolving product of a rapidly growing and changing State of Idaho. The School's overall purpose is to encourage individual students' intellectual growth. Teaching is recognized as the major responsibility of the faculty. The nature of the University setting in the State capitol and population center, which does not offer community college opportunities, establishes special demands on the School to respond to community needs in addition to traditional University education. The overall goal of the School of Business is to offer a high quality program of education in business. Specific objectives are to:

(1) prepare graduates for entrance level positions in:
   (a) management and functional areas of business
   (b) specialized occupations, such as accounting, marketing, and office management
   (c) business teaching
   (d) positions requiring a two-year course of study, such as fashion merchandising, mid-management, and office occupations

(2) prepare graduates for entrance into graduate schools

(3) offer courses for non-business students to assist them in the assumption of their citizenship responsibilities and understanding of the free enterprise system

(4) provide graduate courses leading to the MBA and MS, Accounting degrees and others as developed to meet community needs.
SCHOOL OF BUSINESS

(5) serve the non-student population of Idaho by offering management development programs and faculty expertise through applied research.

It is our belief that these objectives can be accomplished by quality classroom teaching, research, seminars, informal discussions and community service. The people we serve should benefit both personally and professionally through contact with the School of Business, whether it is for a lecture, a semester, or a degree.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional liberal arts or science courses required for those degrees. (See page 25 for BA or BS requirements). Faculty advisors should be consulted about these additional requirements.

Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives. CLEP or challenge examinations are available for this purpose. See page 16 for available CLEP tests.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Word Processing and Secretarial Programs are offered in addition to the baccalaureate programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the A.S. degree. Credits earned in such courses may be later applied toward the Bachelor's degree but students should understand that they may be required more than an additional 64 hours of credit to meet all requirements for the Bachelor's degree.

Transfer of Credits. In general, the School of Business shall limit transfer of credits for business courses which apply toward degree requirements to such courses as it offers at that level. In most cases, waiver of upper division level course requirements may be granted by departments which establish and administer tests to determine student competency in 200-300 level transfer courses before admission to upper division level courses.

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

BACHELOR DEGREE PROGRAMS

NOTE: The student will find under each major the particular course of study to follow. Where the term 'General Electives' or Area I, II, or III appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements. See page 26 for BBA requirements, and pages 25-26 for B.A. or B.S. requirements.

All school of Business baccalaureate degree candidates are required to complete the following lower division courses prior to enrolling in upper division courses in the School of Business:

AC-205 Introduction to Financial Accounting
AC-206 Introduction to Managerial Accounting
DP-210 Introduction to Data Processing
EC-201 Principles of Economics-Macro
EC-202 Principles of Economics-Micro
GB-202 Business Law
GB-207 Statistical Techniques I
OA-238 Applied Business Communications
M-105-106 Math for Business Decisions, or equivalent

School 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:

MG-301 Principles of Management
MK-301 Basic Marketing Management
FI-303 Principles of Finance
MG-345 Principles of Production Management

The one exception to this requirement is in the BA in Economics program as described in the Bulletin.

ACCOUNTING MAJOR
Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>*English Comp E-101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics M 105-106 or M 111-204</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Intro to Finance Accounting AC 205</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>*Intermediate Accounting I AC 207</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Principles of Economics EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Bus. Comm. OA 238</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>*Intro to Data Processing DP 210</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>*Statistical Techniques I GB 207</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Electives (Areas I, II, III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>**Intro. Accounting II and III AC 304-306</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Cost Accounting AC 351</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Managerial Accounting AC 352</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Intermediate Microeconomics EC 303</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Income Tax AC 401</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Business Law II GB 302</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Basic Mktg. Mgt. MK 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Prin. of Finance FI 303</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Prin. of Management MG 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td>**Advanced Account AC 470</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Auditing AC 405</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**UD Econ Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>**Human Resource Management MG 401</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>**Business Policies GB 450</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>General Electives</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

*Prerequisite for UD accounting courses.
**Required UD courses.

In addition to general university requirements, the following courses are required for an accounting major:

Business Courses: MK 301, GB 202, GB 203, EC 303, OA 238, MG 301, MG 401; plus either EC 301 or EC 305.

Accounting Courses: AC 205, AC 207, AC 304, AC 306, AC 351, AC 352, AC 401 or (AC 320); AC 405, AC 470.

Core Courses: The following courses (or permission of the instructor) are prerequisites for all upper division accounting courses: AC 205, AC 207, EC 101, E 102, EC 201, EC 202, GB 207, DP 210, plus M 106 or M 112.

Note: Students planning to sit for the uniform CPA examination are strongly advised to include AC 402, AC 482, and DP 420 in their program.
### Information Sciences Major
Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 105-106 or M 111-204</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Intro to Fin. Accounting AC-205</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Accounting I AC 207</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics (Area II) EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate Accounting II AC 304</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Data Processing DP 210</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Data Processing Techniques DP 320</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech I GB 207</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Applied Bus. Communications OA 238</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>15</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Income Taxation AC 401</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Basic Marketing Management MK 301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Money and Banking EC 301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Technical Writing for Business OA 338</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Office Management OA 317</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Administrative Office Procedures OA 310</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives (from 1 of 3 areas)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>18</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Accounting AC 351</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Managerial Accounting AC 352</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech II GB 208</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Programming Systems—COBOL DP 360</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, or III)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Basic Marketing Management MK 301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>15</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Management MG 401</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Data Processing Systems DP 405</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Analysis for Business Decisions GB 366</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Systems Analysis DP 420</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Policies GB 450</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Economics Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Elective (Area I, II, or III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives*</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>17</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the intermediate level or above are required.

**Note:** Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 29 for more information.

### Business Education Major
(Basic Business Option with Distributive Education Emphasis)
Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Comm. OA 238</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro. Financial Accounting AC 205</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intro. Managerial Accounting AC 206</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Prin. of Economics (Area II) EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area III Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>17</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Note:** Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 29 for more information.

**Business Education Major**
(Basic Business Option with Distributive Education Emphasis)
Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Comm. OA 238</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Salesmanship MM 101</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Merchandise Analysis MM 102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Elective (Area I)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro. Financial Accounting AC 205</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intro. Managerial Accounting AC 206</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Prin. of Economics (Area II) EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Retail Buying MM 215</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>17</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>
SCHOOL OF BUSINESS

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management MK 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Secondary School Methods TE 381</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Principles and Organization of Vocational</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Education—Job Analysis BE 441</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Technical Writing for Business OA 338</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Electives (from 2 of 3 areas)</td>
<td>6</td>
<td>—</td>
</tr>
<tr>
<td>Electives (Area I)</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>SEM.</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 29 for more information.

SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methods in Business Educ. BE 401</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Administration and Coordination of</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Cooperative Programs BE 443</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Speech Communication for Teachers</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>(Area II) CM 311</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology P 325</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Student Teaching BE 471</td>
<td>—</td>
<td>6</td>
</tr>
<tr>
<td>Business Curriculum and Methods</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Seminar BE 421</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Methods and Materials in Distributive</td>
<td>2</td>
<td>—</td>
</tr>
<tr>
<td>Education BE 409</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Money and Banking EC 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Policies GB 450</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>SEM.</td>
<td>17</td>
<td>16</td>
</tr>
</tbody>
</table>

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the intermediate level or above are required.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 29 for more information.

BUSINESS EDUCATION MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Beginning and Intermediate Typewriting OA 105-107</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Applied Business Comm. OA 238</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>SEM.</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro. to Financial Acctg. AC 205</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Managerial Acctg. AC 206</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Prin. of Economics (Area II) EC 201-202</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Beginning and Int. Shorthand OA 101-121</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Foundations of Education TE 201</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech I GB 207</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Data Processing DP 210</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>SEM.</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Management MK 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Secondary School Methods TE 381</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Office Management OA 317</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Management MK 301</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Advanced Shorthand OA 201</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Administrative Office Procedures OA 310</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Technical Writing for Business OA 338</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>SEM.</td>
<td>3</td>
<td>—</td>
</tr>
</tbody>
</table>

Principles of Finance FI 303

Electives (from 2 of 3 areas).

SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methods in Business Educ. BE 401</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Curriculum and Methods</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Seminar BE 421</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Records Preparation and Mgmt. OA 309</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Speech Communication for Teachers</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>(Area II) CM 311</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Educational Psychology P 325</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Student Teaching BE 471</td>
<td>—</td>
<td>6</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Business Policies GB 450</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives (from 2 of 3 areas)</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>SEM.</td>
<td>16</td>
<td>15</td>
</tr>
</tbody>
</table>

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better. At least two credits of typewriting at the intermediate level or above are required.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 29 for more information.

MINOR IN CONSUMER EDUCATION

A minor is available in Consumer Education. This minor program would be valuable to those planning to teach Consumer Economics or other consumer education topics.

ECONOMICS MAJOR

Bachelor of Arts Program

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 105-106 or M 111-204</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Area II Electives (Other Than Economics or History)*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Area I Electives (Field One)*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Area I Electives (Field Two)*</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>SEM.</td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prin. of Economics, Macro EC 201</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Prin. of Economics, Micro EC 202</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Literature</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Intro. to Finance Acctg. AC 205</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Managerial Acct. AC 206</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Data Processing DP 210</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Statistical Techniques I GB 207</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Statistical Techniques II GB 208</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>SEM.</td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>SEM.</th>
<th>SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intermediate Macroeconomics EC 305</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Economics Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>SEM.</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>
### ECONOMICS MAJOR
Bachelor of Business Administration Degree

#### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition E 101 &amp; E 102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 105 &amp; M 106 or M 111-204</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Area II Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives (Other than economics)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

#### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prin. of Economics EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3-4</td>
<td></td>
</tr>
<tr>
<td>Intro. of Financial Accting, AC 205</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intro. to Managerial Accting, AC 206</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statistical Tech I &amp; II GB 207-208</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Comm. OA 238</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intro. to Data Process, DP 210.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15-16</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics EC 305</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Management MK 301</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Non-Bus. Electives (Area I, II, III)</strong></td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Economics Electives</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Econometrics EC 421-422</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Economics Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Mgmt. MG 401</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Policies GB 450</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td><strong>Non Business Elect. (Area I, II, III)</strong></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

#### ECONOMICS—SOCIAL SCIENCE SECONDARY EDUCATION OPTION

Each academic department in the social sciences (History, Political Science, Societal & Urban Studies and Economics) provides a major emphasis with the Social Science Secondary Education Option. To meet graduation requirements students choosing this option must have a minimum of 30 credits in the subject matter of one of the above departments. The student must also choose two minor areas from the remaining social sciences and complete 15 credits in each. For teaching endorsements as a secondary school teacher, an additional 5 credits must be earned in one or more of the minor areas (see page 105 of BSU Bulletin).

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

1. General University and Basic Core requirements as listed on page 24 of the BSU Bulletin.
2. Two approved teaching minors (15 hours each) from:
   a) History
   b) Political Science
   c) Anthropology
   d) Sociology
   e) Geography
3. Economics Courses—30 hours
   Required Courses—EC 201, 202, 303 and 305—12 hrs.
   Other Economics Courses—18 hrs.
4. Accounting—AC 205.
5. Education courses to meet Idaho State Department of Education Certification Requirements for Teachers in Secondary Education — 22 or 27 hours (See Teacher Education section page 105 for course listings).
6. Sufficient electives to complete a total of 128 credit hours of which 40 must be upper division.

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

Required Course: EC 201, 202, 303 & 305 12 hours
Other Upper Division Economics Courses 3 hours
Total 15 hours

### ECONOMICS MINOR ENDORSEMENT (General)
(For Secondary Education Majors NOT participating in the 30-15-15 program)

Required Courses: EC 201, 202, 303 & 305 12 hours
Other Upper Division Economics Courses 6 hours
Total 18 hours

### FINANCE MAJOR

#### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E 101, E 102)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Speech Communication (Area II) CM 111</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics M 105, M106 or M 111-204</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

#### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Financial Accounting AC 205</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intro. to Managerial Accting. * AC 206</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Comm. OA 238</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intro. to Data Processing DP 210</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Statis. Tech. I GB 207</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Statis. Tech. II GB 208</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Science Elective (Area III)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Elective (Area I, II, III)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

#### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Marketing Mgmt. MK 301</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Mgmt. MG 301</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Money and Banking EC 201</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>
SCHOOL OF BUSINESS

Financial Management I FI 325 ........................................... 3
**Major Elective ........................................................................ 3
General Electives (Area I, II, III) ........................................... 4
Prin of Prod Mgt MG 345 ......................................................... 3
16 16

SENIOR YEAR:
- Mgmt. of Financial Institutions FI 417 .......................... 3
- Senior Seminar in Finance FI 498 ................................. 3
- Investment Management FI 450 ................................. 3
- Human Resource Mgmt. MG 401 ............................... 3
- Financial Management II FI 326 ................................. 3
- Bus. Ethics, and Social Resp. GB 360 ...................... 3
- Business Policies GB 450 ............................................. 3
- **Major Elective ................................................................. 3
- General Electives............................................................ 6
15 15

*Students desiring to take Cost Accounting should take Cost Accounting in place of Intermediate Accounting or Managerial Accounting as finance electives.

**Finance Electives:
Intermediate and/or Managerial and Cost Accounting AC 207, 352, 351
Real Estate Finance RE 360
Senior Seminar in Finance FI 498—One required — second recommended.
Public Finance EC 310

GENERAL BUSINESS MAJOR

FRESHMAN YEAR:
- English Composition E 101-102 ................................ 3 3
- Fund. of Speech Comm. (Area II) CM 111 ............... 3 3
- Gen. Psychology (Area II) P 101 ............................... 3 3
- Math (Area III) M 105, M 106 or M 111-204 .... 4 4
- Area I Elective ................................................................. 4
- Area III Elective ................................................................. 4
- Gen. Elective (Area I, II, III) ........................................... 3 3
16 16

Sophomore Year:
- Principles of Managerial MG 301 .......................... 3
- Principles of Management MG 301 .......................... 3
- Principles of Inc Tax AC 401 ........................................ 3
- Principles of Income Tax AC 401 ............................. 3
- Decision Analysis MG 309 .......................................... 3
- Intermediate Microeconomics EC 303 .................. 3
- Electives** ................................................................. 3
- Bus. Ethics and Social Resp. GB 360 .......... 3
- Business Policies GB 450 ............................................. 3
15 15

*Production Option Electives:
Compensation Management MG 406
Fluid Mechanics EN 207
Labor Relations MG 340
Labor Law MG 330
Thermodynamics and Heat Transfer EN 320

INDUSTRIAL BUSINESS MAJOR
Bachelor of Business Administration Program

PRODUCTION OPTION

FRESHMAN YEAR:
- English Composition E 101-102 ................................ 3 3
- Algebra, Trig., Calculus M-111, M-204 .................. 5 5
- Essentials of Chemistry (w/lab) ......................... C 107-108, 109-110 4 4
- Digital Computer Programming EN 104 ............ 2 3
- Physics I PH 220 .......................................................... 2
- Engineering Fundamentals EN 107-108 .......... 2 2
16 17

Sophomore Year:
- Physics II & III PH 221-222 ................................. 3 3
- Calculus & Anal. Geometry M 205-206 .............. 4 4
- Statistical Tech. For Decision Making I GB 207 .. 3
- Statistical Tech. For Decision Making II GB 208 .. 3
- Intro. to Financial Accting. AC 205 .................. 3
- Intro. to Managerial Account. AC 206 ................... 3
- Applied Business Comm. OA 238 ....................... 3
- General Psychology P 101 ........................................ 3
16 16

Junior Year:
- Principles of Economics EC 201-202 .................. 3 3
- Basic Marketing Mgmt. MK 301 ......................... 3
- Intro. to Mechanics EN 205 ................................. 3
- Fund. of Speech Comm. CM 111 ......................... 3
- Quantitative Analysis GB 366 .......................... 3
- Area I Elective ................................................................. 3
- Principles of Management MG 301 .................. 3
- Principles of Managerial MG 301 .......................... 3
- Prin of Prod Mgt MG 345 ........................................... 3
18 15

Senior Year:
- Human Resource Mgmt. MG 401 ....................... 3
- Principles of Finance FI 303 ................................. 3
- Operations Mgmt. MG 406 ........................................ 3
- Prin. of Income Tax. AC 401 ................................. 3
- Decision Analysis MG 309 .......................................... 3
- Mechanics of Material EN 306 ............................. 3
- Intermediate Microeconomics EC 303 .................. 3
- Electives** ................................................................. 3
- Bus. Ethics and Social Resp. GB 360 .......... 3
- Business Policies GB 450 ............................................. 3
15 15

MANAGEMENT MAJOR

BEHAVIORAL OPTION

FRESHMAN YEAR:
- English Composition E 101-102 ................................ 3 3
- Fundamentals of Speech Communication (Area II) CM 111 3
- General Psych. (Area II) P 101 ......................... 3
- Mathematics (Area III) M 105-108 or M 111-204 4 4
- Area I Electives ................................................................. 3
- Science Elective ................................................................. 4
- Gen'l Electives (Area I, II, III) ................... 3
16 17

84
<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOPHOMORE YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective (Area I, II, III)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp. GB 360</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro. to Managerial Accounting AC 236</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applied Business Comm. O/A 236</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I GB 207</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro. to Data Processing DP 210</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II or III)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JUNIOR YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Mgmt. MK 301</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Mgmt. MG 301</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics EC 305</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp. GB 360</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Personnel Administration MG 305</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Prin. of Prod Mgt MG 345</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>SENIOR YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics EC 201-202</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Financial and Managerial Accounting</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Comm. O/A 236</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Statistical Tech. for Decision Making I GB 207</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>QUANTITATIVE OPTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fund. of Speech Comm. (Area II) CM 111</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>SOPHOMORE YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective (Area I, II, III)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus. Ethics, &amp; Soc. Resp. GB 360</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro. to Financial &amp; Mgr Acct AC 205-206</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stat. Tech. for Decision Making II GB 208</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applied Business Comm. O/A 236</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives (Area I, II, III)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JUNIOR YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Marketing Mgmt. MK 301</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Principles of Mgmt. MG 301</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate Macroeconomics EC 305</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prin. of Prod Mgt MG 345</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>3</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>SENIOR YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fund. of Speech Comm. (Area II) CM 111</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>INDUSTRIAL RELATIONS OPTION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRESHMAN YEAR:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fund. of Speech Comm. (Area II) CM 111</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td>3</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>
Area I Electives ........................................ 3 3  
Science Elective ........................................ 3 4  
General Electives (Area I, II, III) .................... 16 17  

**SOPHOMORE YEAR:**

1ST SEM. 2ND SEM.

Prin. of Economics EC 201-202 .................. 3 3  
Intro to Financial & Managerial Accounting AC 205-206 ........................................ 3 3  
Applied Business Comm. OA 238 ................ 3 3  
Statistical Tech for Decision Mkg. I GB 207 ...... 3 3  
Intro. to Data Processing DP 210 ................ 3 3  
General Electives (Area I, II and III) ............ 3 3  
Business Law I GB 202 .............................. 15 15  

1ST SEM. 2ND SEM.

Basic Marketing Management MK 301 ............. 3 3  
Principles of Management MG 301 ................. 3 3  
Principles of Finance FI 303 ....................... 3 3  
Labor Economics EC 327 ............................. 3 3  
Intermediate Macroeconomics EC 305 ............... 3 3  
General Electives ...................................... 3 3  
Personnel Administration MG 305 ................... 3 3  
Labor Relations MG 340 ............................. 3 3  
General Electives (Area I, II, III) ................. 4 4  

1ST SEM. 2ND SEM.

Compensation Management MG 406 .................. 3 3  
Labor Law MG 330 ................................. 3 3  
Prin. of Prod Mgt MG 345 ............................ 3 3  
Organization Dynamics MG 405 ..................... 3 3  
Collective Bargaining MG 415 ..................... 3 3  
Human Resource Mgmt. MG 401 ...................... 3 3  
Government & Business GB 441 .................... 3 3  
Business Policies GB 450 .......................... 3 3  
General Electives ................................... 5 5  

1ST SEM. 2ND SEM.

**REAL ESTATE MAJOR**

1ST SEM. 2ND SEM.

English Composition E 101-102 ..................... 3 3  
Fundamentals of Speech Communication ............ 3 3  
(Area II) CM 111 ..................................... 3 3  
General Psychology (Area II) P 101 ............... 3 3  
Area I Electives ...................................... 3 3  
Mathematics M 105-106 or M 111-204 ............... 4 4  
Business Law I GB 202 .............................. 3 3  
Fundamentals of Real Estate RE 201 ............... 3 3  

1ST SEM. 2ND SEM.

Science Elective ...................................... 4 4  
Prin. of Economics EC 201-202 .................... 3 3  
Intro. to Financial Accting. AC 205 ................. 3 3  
Intro. to Managerial Accting. AC 206 ................. 3 3  
Intro. to Data Processing DP 210 .................. 3 3  
Bus. Communications OA 238 ....................... 3 3  
Law of Real Estate RE 220 .......................... 3 3  
Statistical Tech. for Decision Mkg. I GB 207 .... 3 3  
General Electives (Area I, II, III) ................. 4 4  

1ST SEM. 2ND SEM.

Intermediate Microeconomics EC 303 ................ 3 3  
Regional Economics EC 321 .......................... 3 3  
Basic Marketing Mgmt. MK 301 ....................... 3 3  
Principles of Management MG 301 .................... 3 3  
Principles of Finance FI 303 ....................... 3 3  
Real Estate Finance RE 360 .......................... 3 3  

**MARKETING MAJOR**

Bachelor of Business Administration Program

1ST SEM. 2ND SEM.

English Composition E 101-102 ..................... 3 3  
General Psychology** P 101 ......................... 3 3  
Mathematics M 105-106 or M 111-204 ............... 3 3  
Area I Electives*** .................................. 3 3  
Electives** ........................................... 3 3  
Fund. of Speech Comm. (Area II) CM 111 ............ 3 3  

1ST SEM. 2ND SEM.

**SOPHOMORE YEAR:**

Prin. of Economics EC 201-202 ..................... 3 3  
Intro. to Financial Accting. AC 205 ................. 3 3  
Intro. to Managerial Accting. AC 206 ................. 3 3  
Introduction to Sociology** SO 101 ................. 3 3  
Business Law I GB 202 .............................. 3 3  
Intro. to Data Processing DP 210 .................. 3 3  
Physical or Biological Science Elective ............ 3 3  
Applied Bus. Communications OA 238 ............... 3 3  
Statistical Techniques I GB 207 .................... 3 3  

1ST SEM. 2ND SEM.

Basic Marketing Management* MK 301 ............... 3 3  
Intermediate Microeconomics EC 303 ................. 3 3  
UD Economics Elective ................................ 3 3  
Principles of Finance FI 303 ....................... 3 3  
Principles of Management MG 301 .................... 3 3  
Marketing Electives ................................ 6 6  
Electives*** ........................................... 6 6  
Intermediate Marketing Mgmt. MK 320 ............... 3 3  
Prin. of Prod Mgt MG 345 ............................ 3 3  

1ST SEM. 2ND SEM.

**JUNIOR YEAR:**

Advanced Marketing Mgmt. * MK 425 ................. 3 3  
Marketing Electives ................................ 6 6  
Human Resource Mgmt. MG 401 ...................... 3 3  
Business Policies GB 450 ........................... 3 3  
Marketing Research MK 415 ........................ 3 3  
Electives*** ........................................... 8 8  

1ST SEM. 2ND SEM.

**SENIOR YEAR:**

Required for all Marketing Majors

MK-301 Basic Marketing Management
MK-320 Intermediate Marketing Management
MK-415 Marketing Research
MK-425 Advanced Marketing Management

MARKETING CORE (12 hours)
### OFFICE ADMINISTRATION MAJOR

Bachelor of Business Administration Program

<table>
<thead>
<tr>
<th>Course Description</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FRESHMAN YEAR:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Inter. &amp; Adv. Typewriting* OA 107-209</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Business Math and Machines OA 115</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology (Area II) P 101</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Area III) M 105-106</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Fund. of Speech Comm. CM 111</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td><strong>SOPHOMORE YEAR:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Law I GB 202</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. to Financial Acctg. AC 205</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Managerial Acctg. AC 206</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Inter. &amp; Adv. Shorthand* OA 107-201</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Word Proc-Machine Transcription OA 213</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Area I Elective</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>Principles of Economics EC 201-202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Applied Business Comm. OA 238</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td><strong>JUNIOR YEAR:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secretarial Transcription OA 221</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Basic Marketing Mgmt. MK 301</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Intro. Data Processing DP 210</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Statis. Tech. for Decision Making I GB 207</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Principles of Finance FI 303</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Tech. Writing for Business OA 336</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Electives (from 2 of 3 Areas)</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Principles of Management MG 301</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Prin of Prod Mgt MG 345</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td><strong>SENIOR YEAR:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Records Prep. and Mgmt. OA 309</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Administrative Office Procedures OA 310</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Office Management OA 317</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Human Resource Mgmt. MG 401</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Policies BG 450</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>U.D. Electives</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Electives (from 2 of 3 areas)</td>
<td>7</td>
<td>—</td>
</tr>
<tr>
<td>Intermediate Microeconomics EC 303</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>U.D. Econ Elective</td>
<td>3</td>
<td>—</td>
</tr>
</tbody>
</table>

*Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

### MARKETING—MID-MANAGEMENT

<table>
<thead>
<tr>
<th>Course Description</th>
<th>1ST</th>
<th>2ND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FRESHMAN YEAR:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Composition E 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Business GB 101</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Business Math/Machines OA 115</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Salesmanship MM 101</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Financial Acctg. AC 205</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Merchandise Analysis MM 102</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Mid-Management Work Ex. MM 105</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Prin. of Economics Macro EC 201</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Visual Merchandising MM 203</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Report Writing MM 209</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Elements of Management MM 105</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Fund. of Speech-Comm. CM 111</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td><strong>SOPHOMORE YEAR:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer Marketing MM 201</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Visual Merchandising MM 203</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Supervision of Personnel MM 206</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>—</td>
<td>5</td>
</tr>
</tbody>
</table>

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSU Department of Marketing/Mid-Management.
SCHOOL OF BUSINESS

OFFICE SYSTEMS
Associate of Science Degree

WORD PROCESSING PROGRAM

FRESHMAN YEAR:

1ST SEM.
2ND SEM.
English Composition E 101-102 .............................................. 3
Introduction to Business GB 101 ........................................... 3
Beginning Shorthand * OA 101 ........................................... 4
Beginning Typing * OA 105 ........................................... 2
Applied Business Comm. OA 238 ........................................... 3
OA Elective ........................................................................ 1
Fund. Speech-Comm. CM 111 ........................................... 3
Intermediate Shorthand * OA 121 ........................................... 4
Intermediate Typing * OA 107 ........................................... 2
Business Math/Machines OA 115 ........................................... 3

TOTAL ............................................................................. 16

SOPHOMORE YEAR:

1ST SEM.
2ND SEM.
Intro. to Financial Acctg. AC 205 ........................................... 3
Prin. of Economics, Macro EC 201 ........................................... 3
Area II Elective .................................................................. 3
Advanced Typing OA 209 ........................................... 2
Records Prep. & Mgmt. OA 309 ........................................... 3
Editing for Word Processing OA 219 ........................................... 1
OA Electives ...................................................................... 5
Admin. Office Procedures OA 310 ........................................... 3
Word Processing, Mach. Trans. OA 213 ........................................... 2
Word Processing, Mag. Keyboarding OA 215 ........................................... 1
Electives ........................................................................ 17

TOTAL ............................................................................. 16

*Credits may be granted for prior work in Beginning and Intermediate Shorthand and Typewriting through a proficiency examination and completion of an advanced course with a grade of C or better.

NOTE: Business Education majors are encouraged to take Internships/Cooperative Education for elective credit. Up to 6 credits may be earned. Refer to page 29 for more information.

AC ACCOUNTING

LOWER DIVISION

205 Introduction to Financial Accounting (3 credits). (Previously AC 203). This course is designed to introduce the student to the field of contemporary financial accounting as practiced in the United States. The student will study the use of and need for financial statements in the business community. An understanding of financial statements will be accompanied by studies of accounting terminology, the theoretical framework of financial statements, and an overview of the basic double entry accounting cycle. The emphasis in the course will be on obtaining a working understanding of financial statements. Detailed accounting procedures will be included to the extent that the interface between accounting procedures and statement user information aids this understanding process. Each semester.

206 Introduction to Managerial Accounting (3 credits). (Previously AC 206). This course is designed to introduce the non-accounting major to the methodologies applied in cost and managerial accounting. The student will study an overview of manufacturing-accreditation accounting with emphasis on job order and process cost and cost and standard costing with related variance analysis. The student will receive an introduction to contemporary managerial accounting tools such as capital budgeting, cost-volume-profit analysis, control of inventory, and the impact of income taxes on decision making. This course is not recommended for degree credit by accounting majors. Prerequisite: AC 205. Each semester.

207 Intermediate Accounting I (3 credits). (Previously AC 302). A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement and presentation of net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: AC 205 or its equivalent. Each semester.

SCHOOL OF BUSINESS

UPPER DIVISION

304-306 Intermediate Accounting II and III (3 credits each). A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability and corporate proprietorship items, and the measurement of net income. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: lower division core. Each semester.

320 Tax Factors in Business Decisions (3 credits). A general introduction for students and businesswomen who, while not tax specialists, need an awareness of the impact of federal, state and local income taxes on business decisions. This course will explore the areas of federal income, estate and gift tax laws as they affect business operating and financing decisions. Degree credit will not be allowed for both AC 320 and AC 401. Prerequisite: AC 205, lower division core or permission of instructor. Each semester.

351 Cost Accounting (3 credits). (Previously AC 301). Theory of cost accounting cost control, including job order process, direct and standard costs, budgeting and break-even analysis. Emphasis on cost determination as a tool of management and production control. Prerequisite: lower division core or permission of instructor. Each semester.

352 Managerial Accounting (3 credits). A study of the development and uses of internal accounting information in management planning, control, and decision processes. Topics include operations and capital budgeting, behavioral implications, computer applications, and analytical methods such as gross profit, breakeven and incremental cost analysis. Prerequisite: AC 351, lower division core or permission of instructor. Each semester.

360 Governmental Accounting (3 credits). A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory, procedures, legal and reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Prerequisite: lower division core or permission of instructor. Either semester.

401 Principles of Income Taxation (3 credits). (Previously Individual Income Tax). The theory and application of Federal income taxes to individuals, including an introduction to Form 1040. Prerequisites: lower division core or permission of instructor. Fall semester.

402 Advanced Income Taxation (3 credits). (Previously Corporate Taxation). The theory and application of the Federal income tax to corporations, partnerships and S-Corporations, and an introduction to partnership, trust, and estate and gift taxation. Prerequisites: AC 306 and either AC 320 or AC 401, lower division core or permission of instructor. Fall semester.

403 Auditing (3 credits). A study of the scope and purpose of the work of the Certified Public Accountant as an independent auditor. Topics include: professional ethics; legal responsibilities; roles of the Securities Exchange Commission; approach to an audit; and accumulation of the evidence upon which the auditor bases his report. Prerequisite: AC 306, lower division core or consent of instructor. Each semester.

420 Systems Analysis and Design (3 credits). Concepts and techniques of the design of information systems. Topics include Systems Theory, Data Collection Classification, Transaction Processing, Display, On-line Systems, Time Sharing Systems, Development to DP 420. Credit may not be earned for both courses: DP 420 and AC 420. Prerequisites: lower division core or permission of instructor. Spring semester.

440 Accounting Theory (3 credits). A specialized course dealing with the evolution of accounting thought and the contemporary approach to asset valuation, income determination and the measurement process in accounting. May be taken for graduate credit. Prerequisite is AC 306 or by permission of instructor. Spring semester.

450 Data Processing for the Accountant (3 credits). A study of available accounting software in processing of electronic data and the statistical analysis of accounting data. The computer will be used as problem solving tool in the three above mentioned areas. Prerequisites: AC 405, lower division core or permission of instructor. Either semester.

470 Advanced Accounting (3 credits). An in-depth study of partnership organization; liquidation and dissolution; business combinations and consolidated financial statements; governmental reporting; multinational companies and the variations in international accounting standards including currency exchange rate translations; fiduciary accounting principles; and an introduction to non-profit reporting. Prerequisite: AC 306 or permission of instructor. Each semester.
SCHOOL OF BUSINESS

LOWER DIVISION

AVIATION MANAGEMENT

101 Aviation Ground School (3 credits). Survey of basic aerodynamics, meteorology, navigation, and Federal Aviation Agency regulations. At termination, the student will be able to pass the FAA Private Pilot examination. An introduction to the historical development of aviation and the development of scientific laws and basic theory of flight. Each semester.

201 Commercial Pilot Ground School (3 credits). The study of weather, navigation, radio communications, federal regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. Prerequisite: Private Pilot Certificate. Fall semester.

285 Introduction to Aviation Management (3 credits). Each semester. This course is designed to provide a foundation for the student of aviation management. Regulatory practices, marketing, flight operations, manpower management and career opportunities in the field will be featured.

UPPER DIVISION

Z10 Introduction to Data Processing (3 credits). A general interest course to acquaint students with the fundamentals of automated data processing. The course will introduce the student to the use of logic and computer programming skills, the role of data in the business community, and the impact the computer is having on management and society. Each semester.

Z10 Money and Banking (3 credits). Analysis of the role of money, credit and the financial system in the U.S. Economy. A comprehensive consideration of the economic and financial systems. Prerequisite: AC 205. Fall semester.

Z10 Contemporary Economic Problems (3 credits). A one semester introduction to economics centered around selected contemporary economic issues. Policies 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 202). Prerequisites: None. Either semester.


Z10 316 Money and Banking (3 credits). Analysis of the role of money, credit and the financial system in the U.S. economy through the economics of commercial and central banking. Study of monetary theory and monetary policy as they affect both domestic and international economic policy goals. Prerequisite: EC 201, 202. Each semester.

Z10 315 intermediate Microeconomics (3 credits). An analysis of the price mechanism and its role in resource allocation, consumer, and producer decisions. Areas receiving special attention include consumer demand and supply, the international economy, national macroeconomic issues. Special attention to the goals and problems of high employment, price level stability, economic growth, the balance of international payments, the relevant monetary, fiscal and other policy instruments utilized to accomplish these policy goals. Each semester.

Z10 314 intermediate Macroeconomics (3 credits). 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. Prerequisite: EC 201. Each semester.

Z10 313 History of Economic Thought (3 credits). Study of the origin and development of economic theories that have influenced Western civilization. Theories and schools of thought will be compared from both a theoretical and practical point of view. Prerequisite: EC 201, 202, or by permission. Either semester.

Z10 312 Comparative Economic Systems (3 credits). A comparative study of the goals and methods of various economic systems, such as capitalism, socialism and communism. The student will be approached from both a theoretical and practical point of view. Prerequisite: EC 201, 202, or by permission. Either semester.

Z10 311 International Economics (3 credits). The benefits, costs and pattern of world trade and investment. Tariffs, quotas, and the commercial policies of nations. The foreign exchange market and the balance of payments. Consequences of balance of payments disequilibrium for national policy. The mechanisms and analysis of international payments adjustment and the institutions of the international monetary system. Prerequisite: EC 201, 202, Either semester.

SCHOOL OF BUSINESS

UPPER DIVISION

320 Data Processing Techniques (3 credits). An introduction to computer programming in a high level language, and a review of programming systems that are currently in use, including commonality systems, decision support systems, expert systems, and techniques for systems approach. Program flowcharting, development and implementation to solve common business problems will be emphasized. Systems analysis and design activities will be incorporated into class activities. Prerequisite: DP 210 or equivalent. Each semester.

345 Simulation Techniques (3 credits). Basic concepts in simulation; simulation in business including inventory systems and scheduling systems; simulation of decision-making by individuals and group organizations. Models of varying degrees of sophistication will be considered and implemented. Prerequisite: DP 210 or equivalent. Spring semester.

409 Methods and Materials in Distributive Education (2 credits). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Fall semester.

411 Consumer Education in the Schools (3 credits). A course for students preparing to teach consumer education. The objectives of the course is to introduce student teachers to teaching methodology appropriate to consumer education. Course objectives: curriculum organization in the schools, learning outcomes, teaching-learning strategies and evaluation techniques will be covered. Specifics as a career field will be featured. Prerequisite: Senior status in aviation management or consent of instructor.

BE BUSINESS EDUCATION

UPPER DIVISION

401 Methods in Business Education (3 credits). Methods and materials in instruction in business subjects. Application of principles of learning and teaching to business education. Must be taken in the semester immediately preceding student teaching. Fall semester.

404 Methods and Materials in Distributive Education (2 credits). Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Fall semester.

411 Consumer Education in the Schools (3 credits). A course for students preparing to teach consumer education. The objectives of the course is to introduce student teachers to teaching methodology appropriate to consumer education. Course objectives: curriculum organization in the schools, learning outcomes, teaching-learning strategies and evaluation techniques will be covered. Specifics as a career field will be featured. Prerequisite: Senior level or consent of instructor. Fall or Spring semester.

421 Business Curriculum and Methods Seminar (3 credits). A seminar-type class dealing with current issues and methods in the fields of business curriculum, research, and vocational guidance. Attention will be given to vocational guidance in counseling students, curriculum development, and community influence and impact. Individual research and presentation is emphasized. Spring semester.

441G Principles and Organization of Vocational Education Programs—Job Analysis (3 credits). Philosophy, history, purpose and organization of vocational education programs. Occupational analysis to include nature and use of occupational information and labor force opportunities, job values, job analysis, job descriptions, and job requirements. Role of business and government in vocational education. Spring semester.

443G Administration and Coordination of Cooperative Programs (3 credits). Selection, guidance, placement, and follow-up students in training stations. Prerequisite: Graduate Status. Fall semester.

471 Business Student Teaching (6 credits). Supervised teaching under the direction of qualified, business teacher-education specialists. Prerequisite: BE 401 and permission of director. Spring semester.

DP DATA PROCESSING

LOWER DIVISION

210 Introduction to Data Processing (3 credits). A general interest course to acquaint students with the fundamentals of automated data processing. The course will introduce the principles of computerized data processing, systems analysis, problem solution through the use of logic and computer programming skills, the role of data in the business community, and the impact the computer is having on management and society. Students will have the opportunity to prepare and run computer programs using the University IBM 370 computer system. Each semester.
321 Regional Economics (3 credits). Application of economic analysis to regional problems of structure, growth, and policy. Location, transportation, various growth models, and specific techniques such as input-output analysis, base multipliers and cost benefit analysis will be developed. Prerequisite: EC 201, 202. Fall semester.

322 Urban Economics (3 credits). The course will focus on the structure of the urban areas, internal patterns, housing, crime, pollution, poverty, financial and transportation problems. The tools of economic analysis will be used to analyze the problems and existing and proposed policies. Prerequisite: EC 201, 202 or consent of the instructor. Spring semester.

325 Radical Economics (3 credits). Analysis and evaluation of radical contributions to political-economic thought and their applications to the study of contemporary socio-economic problems. Emphasis is placed on Marxian socialist economic theory, libertarianism, anarchist theory, evolutionary economic theory, and other radical models. Current issues such as imperialism, economics and social inequality and alienation will be considered from the vantage point of these radical perspectives. Prerequisite: Upper division or consent of instructor. Fall semester.

327 Labor Economics (3 credits). This course examines a broad range of current issues relating to the characteristics of the U.S. labor force and the structure of the labor market. The development of the U.S. industrial relations system will be reviewed, including comparisons with those of Western Europe. Labor markets will be analyzed to emphasize the economic and non-economic factors affecting labor-management negotiations. The course will conclude with a discussion of public policy concerned with both public and private sector unionism as well as legislation pertaining to the income security of workers. Prerequisite: EC 201, 202. Fall semester.

405 Business Fluctuations and Economic Stabilization (3 credits). Application and extension of macro-economic theory to the study of economic instability. Theories of economic fluctuations and their measurement and objectives are reviewed. Emphasis is placed on the construction of an econometric model to test the ability of economic theory to predict economic phenomena. Prerequisite: EC 202, 202 or permission of the instructor. Spring semester. Offered in alternate years by the Economics and by the History Department, and cross-numbered as EC HY 417.

EC 451G-452G Econometrics (3 credits). The application of mathematics and statistics to the study of economics. Designed to acquaint the student with the quantitative tools used to verify theory and to forecast economic activity. Prerequisite: Math 108 or equivalent and permission of the instructor. May be taken for graduate credit. 451G Fall, 452G Spring semester.

FI FINANCE

LOWER DIVISION

188 Personal Finance (3 credits). This course addresses the growing complexity of financial decision making faced by the individual. Topics covered include how to avoid financial entanglements; installment buying; borrowing money; owning or renting a home; budgeting and money management; savings and investment alternatives; life, health, accident and auto insurance; personal income taxes; and estate planning. Each semester.

211 Principles of Insurance (Previously RE-320) (3 credits). The course offers presenta- tion of the principles of insurance and policy analysis together with a discussion of the fundamental legal principles involved in insurance contracts. Company practices in relation to insurance management are stressed as is the field of regulation on both the state and national levels. Prerequisite: Completion of the required business core. Each semester.

250 Introduction to Securities and Securities' Markets (3 credits). Topics covered in the course include operation of the securities' markets in the U.S.: sources of investment information; brokerage services; the mechanics of direct investing; basic securi- ty analysis; the commodities and futures markets; put and call options. Prerequisite: AC 204 or consent of the instructor. Each semester.

UPPER DIVISION

303 Principles of Finance (3 credits). A basic survey course of fundamental concepts and techniques of the three major areas of finance corporate, institutional, and investments, and their interrelationships. Topical areas covered are an overview of monetary policy by Federal Reserve, study of U.S. financial system, international financial system, financial decision-making problems focusing on internal allocation of funds, financing these asset needs and security valuation. Prerequisites: AC 205, 206, EC 201, 202 and M 106. Each semester.

325 Financial Management I (3 credits). (Previously Corp. Financial Mgt.) The study and application of financial management concepts to current issues in business. Emphasis is placed on the identification and solution of financial problems and their interrelationships. Prerequisite: AC 204 or consent of the instructor. Each semester.

326 Financial Management II (3 credits). This course covers critical analysis of different sources of funds, dividend policies, and capital markets. Special topics include refunding debt; analysis of the responsibilities of the financial manager, problems of financing the multinational firm and analysis of mergers and acquisitions. Cases and readings are used to complement the technical material. Prerequisite: AC 303.

417 Management of Financial Institutions (3 credits). Topics treated in this course in- clude the analysis of problems faced by managers of financial institutions, a study of developments and recent changes in the structure of the U.S. financial system as they impact on financial management and other financial types institutions, the methods of governmental financing and their effects on the flows of funds in the economy. Contemporary issues such as new legislation, international financial institutions, and social responsibilities are covered. Prerequisites: FI 303, EC 301. Fall semester.

492G Investment Management (3 credits). This course focuses on the strategies of investing in stocks, bonds, commodities and stock options. Topics include risk-return relationships of the various investments; the efficient market hypothesis and its impli- cations for the individual investor; portfolio theory and the capital asset pricing model. Prerequisites: FI 303, GB 208, and FI 250. Each semester.

499 Senior Seminar in Finance (3 credits). Designed to provide an opportunity for study of a particular area of finance through an advanced level/Building on background developed in the regularly scheduled finance courses. The topics offered will be selected on the basis of current trends in the area of finance and a specific expertise of the instructor. These courses are designed to enable the student to achieve an indepth knowledge of issues which cannot be treated fully in existing courses. Legislation creating sweeping changes in the financial environment; the development of new financial modeling, international financial management, public utility financial management, option trading, applications of the capital asset pricing model are representative topics.

GB GENERAL BUSINESS

LOWER DIVISION

101 Introduction to Business (3 credits). A survey course designed to acquaint the stu- dent with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, insurance, marketing, banking transporta- tion, and industrial relations. Special emphasis is placed on business vocabulary. Each semester.

202 Business Law I (3 credits). Introduction to the legal system including courts, litigation and lawyers. This course is designed emphasis on the ethical and other substantive areas of law as contracts, agency, torts, personal property and antitrust aspects of govern- ment regulation of business. Each semester.

207 Statistical Techniques for Decision Making I (Previously Business Statistics) (3 credits). This course is designed to provide the student with an understanding and working knowledge of the concepts and techniques pertaining to basic descriptive and inferential statistics. The business applications of such statistical concepts as the Possion, normal distribution, sampling, etc., and hypothesis testing will be covered. Prerequisite: M 106 or equivalent. Each semester.

250 Business Law II (Previously GB 306) (3 credits). This course extends into the statistical methods beyond those covered in GB 207. The purpose is to provide the student with an exposure to the use of these statistical procedures. Emphasis will be placed on understanding and applying the statistical procedures in a business decision making environ- ment. The topics covered include simple and multiple regression analysis and Baye- sian decision theory. Whenever applicable, computer software programs are used to assist in the learning process. Prerequisites: GB 207, DP 210. Each semester.

UPPER DIVISION

302 Business Law III (3 credits). A comprehensive study of the Uniform Commercial Code with emphasis on sales, bulk transfers, documents of title, commercial paper, and security transactions. Also, this course deals with the formation, operation and dissolution of partnerships and corporations, the merger and consolidation of corporations. Prerequisite: GB 202. Each semester.

325 Principles of Transportation (3 credits). The focus of this course is upon the economic and management problems and functions of the transportation industry. The course will cover 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 various forms of transportation services.

360 Business Ethics, and Social Responsibility (3 credits). An exploration of business conduct and social responsibility in the light of existing ethical, moral, and social values. The course is designed to enable students to form individual positions on ethical con- duct in both personal and professional responsibility. Each semester.

365 Quantitative Analysis for Business Decisions (3 credits). The course involves a study of quantitative tools traditionally referred to as operations research techniques. The emphasis is on the illustration of the functional use of the techniques and how they can be applied in real world scenarios. The course will include linear programming and critical path analysis. Prerequisites: GB 207, MG 301, MG 345.

411G Government and Business (3 credits). This course is intended to give intensive study of and student research into the scope of government control and regulation of business. Specific major statutes and their implementing rules and regulations will be re- searched and analyzed as well as selected federal and state regulatory agencies. May be taken for graduate credit. Prerequisite: GB 202. Spring semester.

420G Business Policies (3 credits). This course is designed to develop analytical problem solving and decision making skills in situations dealing with complex organizations with the ultimate objective of formulating policies and strategies: both domestic and world- wide. The student will be required to build upon and integrate the knowledge and methods acquired from a total educational and experience base and to examine problems in all functional areas of the organization. Prerequisite: Completion of the re- quired core. Each semester.

MG MANAGEMENT

UPPER DIVISION

301 Principles of Management (3 credits). This course deals with the history of manage- ment, the evolution of management, and the problems of management in the organization. Emphasis in the course is given to the management and the application of quantitative techniques in management. Prereq-uisite: M 106. Each semester.

305 Personnel Administration (3 credits). This course provides an in-depth examination of the functions of personnel administration—human resource planning, procurement, development, utilization, and compensation—with an emphasis on the interrela- tionships among these functions. Current topics in the law as they affect the personnel functions are carefully considered each term (e.g. OSHA, fair employment regulations, etc.). The role of the personnel department is explored from both the point of view of those operating a personnel department and from the point of view of managers throughout an organization. Prerequisites: MG 301 or consent of instructor.
317 Small Business Management (3 credits). A study of the unique and distinct problems encountered by the small business firm, including management of human resources, accounting, marketing, financing, staffing, marketing and regulating the small business. Emphasis will be placed on small business management techniques as they apply to service retail and production orientation in small businesses. Prerequisite: MK 301. Each semester.

338 Labor Law (3 credits). This course offers a survey of the existing body of labor law, along with the historical events and precedents that have shaped this area of the law. The general principles of the law and the effective application of these principles are discussed. Such issues as labor organizing, unfair labor practices, picketing, work stoppages, and the mechanisms of conflict resolution are discussed.

340 Ethics (3 credits). This course will cover the history, structure, policies, and operations of labor unions, the functioning of industrial relations activities within organizations, and the impact of internal and external factors on negotiation and management relations. The student is introduced to collective bargaining and various forms of conflict resolution. Contract administration is emphasized with a focus on the day-to-day relationships between parties. International comparisons of industrial relations systems are made.

341 Principles of Production Management (3 credits). Management of the entire production function, its life cycle and its inter-relationships with other business disciplines is emphasized. The course covers the analysis, design, planning and control of production processes. Emphasis is placed on the actual preparation of reports, research methods, and distribution mix necessary to satisfy the selected wants and needs. Each semester.

360 Marketing Management (3 credits). Study of the marketing process with emphasis on introducing students to the function of marketing concepts and decisions within the organization's strategic plan. The marketing process consists of identifying and interpreting wants and needs of people, selecting the particular wants and needs the organization will satisfy, and determining the product, price, communication and distribution mixture necessary to satisfy the selected wants and needs. Each semester.

370 Real Estate Development (3 credits). The course is designed to examine the many intricacies of the development process. The course will cover the traditional development sequence: Sales, Exchanging, Multiple Exchanges, and Computerized Investment and Arbitration processes. Emphasis is placed on problem definition, recognition of alternative solutions, stress is also placed on ethics and social responsibilities relating to the sales manager's job. Prerequisite: MK 301. Either semester.

425 Advanced Marketing (3 credits). The case study approach as applied to marketing problems. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisite: MK 320. Spring semester.

MM MARKETING, MID-MANAGEMENT

100 Mid-Management Work Experience (2 credits). Open to students enrolled in the Mid-Management program only. The student may earn 2 semester hours credit for a maximum of 8 semester hours or a total of 8 semester hours credit. This provides actual experience in the retail, wholesale, or service business field as a paid employee. The student, the employer, and the program coordinator develop an individual program for each student. Mid-Management Program Coordinator evaluates the work experience performed by the student and the program coordinator. Each semester.

101 Salesmanship (3 credits). A basic course in personal selling techniques as applied in working situations in the modern retail, wholesale, and manufacturer establishments. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisite: MK 320. Spring semester.

LOWER DIVISION

100 Mid-Management Work Experience (2 credits). Open to students enrolled in the Mid-Management program only. The student may earn 2 semester hours credit for a maximum of 8 semester hours or a total of 8 semester hours credit. This provides actual experience in the retail, wholesale, or service business field as a paid employee. The student, the employer, and the program coordinator develop an individual program for each student. Mid-Management Program Coordinator evaluates the work experience performed by the student and the program coordinator. Each semester.

101 Salesmanship (3 credits). A basic course in personal selling techniques as applied in working situations in the modern retail, wholesale, and manufacturer establishments. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisite: MK 320. Spring semester.

MK MARKETING

UPPER DIVISION

301 Basic Marketing Management (3 credits). Study of the marketing process with emphasis on introducing students to the function of marketing concepts and decisions within the organization's strategic plan. The marketing process consists of identifying and interpreting wants and needs of people; selecting the particular wants and needs the organization will satisfy, and determining the product, price, communication and distribution mixture necessary to satisfy the selected wants and needs. Each semester.

302 Promotion Management (3 credits). The principles, strategies and management of advertising and sales promotion activities. Coordination and integration of both areas with other portions of the marketing mix is emphasized. The marketing and social critique of advertising particularly are stressed to insure that managers are aware of the ethical and social responsibilities inherent in the job. Prerequisite: MK 301. Either semester.

303 Consumer Behavior (3 credits). Analysis of purchase and consumption behavior of the consumer. Relates marketing activities of the firm to social science research concerning the purchase, use, and meaning of goods and services. Prerequisite: MK 301. Either semester.

304 Intermediate Marketing Management (3 credits). Marketing principles and theories are integrated with analytical and behavioral decision processes. Emphasis is placed on problem and opportunity recognition, marketing strategies, planning and administration of international marketing programs, consumer behavior, industrial marketing, and international markets are considered. Prerequisite: MK 301. Each semester.

305 Marketing Research (3 credits). Consideration of the theory and use of research in providing information necessary to marketing decisions. Emphasis is placed on experience in formal research methodology by planning and conducting a research project concerning an actual business or governmental problem situation. May be taken for graduate and undergraduate credit. Prerequisite: MK 301.

306 Sales Administration (3 credits). Management of a sales organization with particular emphasis on recruiting, selection, training, supervision and compensation of salesmen.
SCHOOL OF BUSINESS

layout and design, development review, financing, construction, occupancy, and sale. In addition, the course concerns itself with the many factors of the planning process and the developer's obligation and concern for problems of energy, environment, transportation, and social acceptability as they relate to the basic national need for housing.

411 Appraisal of Income Properties (3 credits). This combination lecture and case study course is devoted entirely to the appraisal of income property. 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 roles are thoroughly analyzed and discussed. Prerequisites: RE 201, 331.

415 Real Estate Brokerage Management (3 credits). This course is a capstone course intended to integrate the specialized functional knowledge gained in the Real Estate program including office administration, hiring and personnel management, brokerage laws and promotion, commission structure, ethical behavior and social responsibility, creative financing, professional organizations, and agency relationships. Prerequisites: RE 220, 331, 340, 360.

OA OFFICE ADMINISTRATION

LOWER DIVISION

101 Beginning Shorthand (4 credits). A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. Recommended credit or current enrollment in OA 238. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Either semester.

105 Beginning Typing (2 credits). Theory and keyboard operations on the typewriter with application for personal or business use. Fall semester.

107 Intermediate Typing (2 credits). Review of typing fundamentals for development of speed and accuracy with applications of these skills for use. Prerequisite: OA 105 or advanced placement. Either semester.

111 Personal Adjustment to Business (1 credit). Designed to develop an insight into the behavior and customs of individuals in a business office through study of why and how people work, good decision making, oral communication and case analysis problems. Either semester.

115 Business Mathematics-Machines (3 credits). Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, and graphs are considered, as well as some interpretation of financial papers. The student receives instruction on the ten-key printing calculator, the rotary calculator, and the electronic calculator. Either semester.

121 Intermediate Shorthand (4 credits). Review of shorthand theory with much work in dictated transcription to improve speed and accuracy. Prerequisite: OA 105 or advanced placement from high school work. Either semester.

201 Advanced Shorthand (4 credits). Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OA 121 or advanced placement from high school work. Either semester.

205 Medical Office Orientation (1 credit). A study of medical receptionist duties, special records and filing systems, legal aspects of medical work, management of the medical office, and ethics and psychology in a medical office. Either semester.

207 Procedures of a Law Office (1 credit). Office procedures and methods as they relate to the work of a legal secretary. Legal terminology and meaning of the language of the law will be stressed. Either semester.

209 Advanced Typing (2 credits). Continued study of typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA 107 or advanced placement from high school work. Either semester.

213 Word Processing, Mag. Keyboarding (1 credit). The development of speed and accuracy in machine transcription is emphasized by using business word processing materials such as letters, interoffice memos, business forms, news releases, minutes, itineraries, and reports. Prerequisite: OA 209. Both semesters.

215 Word Processing, Mag. Keyboarding (1 credit). Recording data electronically while producing typewritten copy. Power typing and revision applications will be used. Prerequisite: OA 209. Both semesters.

219 Editing for Word Processing (1 credit). Intended to assist the student in developing expertise in spelling, vocabulary, punctuation, proofreading, abstracting, and editing. Prerequisites: Grade of C or higher is recommended in OA 238, OA 107. Either semester.

221 Secretarial Transcription (4 credits). Advanced instruction in office transcription. Opportunities for special transcription practice of a medical or legal nature will be provided. Prerequisite: OA 201. Spring semester.

228 Applied Business Communications (3 credits). A course designed to emphasize the building of a foundation in effective business writing principles. The effectiveness and the correctness of writing and the psychology of letter writing will be emphasized through the preparation of a variety of business letters. Both semesters.

243 Principles of Reprographics (2 credits). A course given in the operation of the various kinds of duplication machines, including the spirit duplicator, the stencil and ink duplicator, the offset duplicator, and the dry process copier. Instruction will be given in typing, drawing, lettering, and writing on the duplicating media of masters, stencils, and mats. An opportunity will be provided to observe and study typography, layout, and design, paste-up, dark room techniques, stripping, plate making, and bindery work. Both semesters.

UPPER DIVISION

269 Records Preparation and Management (3 credits). Creation, processing, maintenance, protection and destruction of business records. These topics will be covered both from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed. Either semester.

310 Administrative Office Procedures (3 credits). Office procedures at the administrative level. The case study and project approach will be used. Procedures necessary to direct and supervise office activities as well as perform them. Either semester.

317 Office Management (3 credits). An introduction to the area of information management. The functions of office management including areas such as production, environmental analysis, systems analysis and personnel administration. Spring semester.

338 Technical Writing for Business (3 credits). An in-depth study including the application of interpersonal communication and effective business writing principles through preparation of business and financial reports and technical papers. The case study approach will be used to present a variety of business situations requiring decision-making in business report writing. Prerequisite: OA 238. Either semester.
SCHOOL OF EDUCATION

Dean: Richard L. Hart, Ed.D.
Associate Dean: Clyde Martin, Ed.D.

DEPARTMENTS AND FACULTY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION:
Chairman and Professor: B. Bowman; Professor: Smith; Associate Professors: Button, Lewis; Assistant Professors: P. Bowman, Boyles, Connor, Fahleson, Jacoby, Jones, Sweeney, Thorngren, Vaughn, Wallace, Young; Instructor: Emeritus: Westfall

DEPARTMENT OF PSYCHOLOGY:
Chairman and Professor: Phillips; Professors: Barsness, Callao, Dodson, Ison, Smith, Snow, Thurber, Torbet; Associate Professors: Downs, Steger, Wilkinson; Assistant Professor: Chastain; Emeritus: Bronson

DEPARTMENT OF TEACHER EDUCATION AND LIBRARY SCIENCE
Chairman and Professor: Jensen; Coordinator of Field Services and Associate Professor: Singh; Professors: Beitia, Bieter, Bullington, Dahlberg, Frederick, Friedli, Hart, Hill, Hunt, Kirtland, Marks, Ruyle, Tucker, Young; Associate Professors: Bowman, Comba, Hess, Lambert, Martin, Nelson, Reed, Sadler, Schmaljohn, Waite; Assistant Professors: Brownsmith, Davis, French, Lyons, Munns, Schlaefle; Emeritus: Burtch, Chatburn, Fairchild, Hill, Wallace

COUNSELING AND TESTING CENTER
Director: Torbet; Callao, Downs, Nelson

READING EDUCATION CENTER:
Director: Kirtland; Frederick, Marks, Munns

PHILOSOPHY

The faculty of the School of Education represents diverse and dynamic backgrounds, and serves students from an extended community reaching far beyond the boundaries of Idaho. The faculty addresses this extended community in varied functions both on and off campus. The work of the faculty reflects an active appreciation for development of the whole person, and includes attention to the intellectual, physical, social, and emotional needs of students. A key precept underlying all others is the promotion of learning as a lifelong activity.

Course work is offered in both professional and academic areas. The academic course work is designed to acquaint students with historical, philosophical, and theoretical aspects of education and psychology, and to help them appreciate and use scientific thinking as a tool for viewing human behavior in a more sophisticated and effective manner. Professional course work and experiences are directed primarily toward the mastery of skills needed by teachers in the elementary and secondary schools.
COORDINATION OF PROGRAMS
IN TEACHER EDUCATION

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

COUNSELING AND TESTING SERVICES

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

Any halftime (6 credits or more), or fulltime student is eligible for counseling or testing. Appointments may be made by phone—extension 1601, or in person at the Counseling and Testing Center, sixth floor, Education Building.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

The Department of Health, Physical Education and Recreation offers a major in Physical Education with specialized options in Secondary Physical Education, Elementary Physical Education, Athletic Coaching, and Athletic Training. Students who complete the major program in one of the options are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho. Physical Education Minors are offered in Elementary Physical Education, Athletic Coaching, and Health Education.

FACILITIES:

The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural and club sports programs offered by the department and the recreation programs offered by the Student Union games area.

ELECTIVE PHYSICAL EDUCATION ACTIVITY PROGRAM:

The elective program includes beginning level activities, and intermediate level activities. No courses may be repeated for credit.**

**Exception: PE 108 Adaptive Physical Education may be repeated for credit.

EIGHT SEMESTER HOURS OF PHYSICAL ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

ELECTIVE ACTIVITIES ARE:

Dance:
- International Folk Dance
- Modern Dance
- Recreational Dance
- Social Dance

Individual Sports:
- Archery
- Badminton
- Billiards
- Bowling
- Fencing
- Golf
- Gymnastics
- Racquetball
- Skiing
- Tennis

Martial Arts:
- Judo
- Karate
- Self Defense

Outdoor Recreational Activities:
- Backpacking & Camping
- Fly Casting & Fly Tying
- Target & Trap Shooting
- Bicycle Touring
- Cross Country Skiing
- Alpine Skiing
- Ice Skating

Physical Fitness Activities:
- Adaptive Physical Education
- Fitness Activities
- Jogging
- Weight Training
- Yoga

Team Sports:
- Basketball
- Field Hockey
- Flag Football
- Rugby
- Soccer
- Softball
- Team Handball
- Track & Field
- Volleyball

Water Activities:
- Kayaking
- Advanced Life Saving
- Skin & Scuba Diving
- Spring Board Diving
- Swimming
- Water Polo
- Water Safety Instruction

*More than one level of instruction is offered in this activity.

PHYSICAL EDUCATION MAJOR

Bachelor of Science Degree

A student must complete the following requirements to receive a Bachelor of Science Degree in Secondary Physical Education:

1. The general University requirements for the Bachelor of Science Degree as listed in the BSU bulletin (page 25) with specific requirements in Areas I, II, and/or III as determined by the Physical Education Department.

2. The general graduation requirements of the School of Education and the certification requirements of the State Department of Education as listed in the BSU Bulletin (page 105).
3. The requirements of the Physical Education Department:
   (a) The 27 credit core requirement
   (b) All other required courses listed in the option of the students choice.

   **PHYSICAL EDUCATION CORE REQUIREMENTS**
   (Required of all Physical Education Majors)

   **CREDITS**

   - PE 100 Health Education .................................................. 3
   - PE 101 Introduction to Physical Education ................................ 1
   - PE 105 First Aid .................................................................. 2
   - PE 113 Basic Movement .......................................................... 1
   - PE 115 Gymnastics ................................................................. 1
   - PE 117 Field Sports ............................................................... 1
   - PE 149 Resistance Training and Conditioning Procedures .................. 1
   - PE 202 Principles of Physical Education ....................................... 2
   - PE 230 Anatomical Kinesiology ............................................... 2
   - PE 309 Evaluation in Physical Education ...................................... 3
   - PE 310 Physiological Kinesiology ............................................. 2
   - PE 401 Psychology of Activity ................................................ 3
   - PE 457 Organization and Administration of Physical Education ............ 3

   **TOTAL CORE REQUIREMENTS: 27 credits**

   **ATHLETIC TRAINER OPTION GRADUATION REQUIREMENTS**
   **(Satisfies Educational Requirements for N.A.T.A. Certification)**

   **GENERAL COLLEGE REQUIREMENTS**
   English Composition ................................................................ 3-6 Credits

   **AREA I REQUIREMENTS**
   Electives .................................................................................. 12 Credits

   **AREA II REQUIREMENTS**
   - P 101 General Psychology ...................................................... 3 Credits
   - CM 311 Speech Communication for Teachers .............................. 3 Credits

   **AREA III REQUIREMENTS**
   - C 103 Preparation for College Chemistry .................................. 1 Credit
   - C 107-C 109 Essentials of Chemistry ....................................... 6 Credits
   - C 110 Chemistry Laboratory ..................................................... 3 Credits
   - Z 111-Z 112 Human Anatomy and Physiology ............................ 8 Credits

   **AREA II and/or AREA III REQUIREMENTS**
   Electives .................................................................................. 6 Credits

   **PHYSICAL EDUCATION MAJOR REQUIREMENTS**
   Physical Education Core ............................................................ 28 Credits
   HE 207 Nutrition ....................................................................... 3 Credits

   Additional Physical Education Courses Required:
   - PE 143, PE 212, PE 214, PE 217, PE 228, PE 241, PE 305, PE 311, PE 361, PE 451,
   - Coaching Methods (2 credits) .................................................. 19 Credits

   **TEACHER EDUCATION REQUIREMENTS**
   TE 201, TE 381, TE 481, P 312 .................................................... 15 Credits
   Electives .................................................................................. 3 Credits

   Additional Electives .................................................................. 11 Credits

   **Total** .................................................................................. 128 Credits

   **SECONDARY PHYSICAL EDUCATION OPTION GRADUATION REQUIREMENTS**

   **GENERAL COLLEGE REQUIREMENTS**
   English Composition ................................................................ 3-6 Credits

   **AREA I REQUIREMENTS**
   Electives .................................................................................. 12 Credits

   **AREA II REQUIREMENTS**
   - P 101 General Psychology ...................................................... 3 Credits
   - CM 311 Speech Communication for Teachers .............................. 3 Credits

   **AREA III REQUIREMENTS**
   - C 103 Preparation for College Chemistry .................................. 1 Credit
   - C 107 Essentials of Chemistry ............................................... 3 Credits
   - C 108 Chemistry Laboratory ..................................................... 1 Credit
   - Z 107 Human Anatomy and Physiology ..................................... 4 Credits

   Electives .................................................................................. 3-4 Credits

   **AREA II and/or III REQUIREMENTS**
   Electives .................................................................................. 9 Credits

   **PHYSICAL EDUCATION MAJOR REQUIREMENTS**
   Physical Education Core ............................................................ 28 Credits
   HE 207 Nutrition ....................................................................... 3 Credits

   Additional Physical Education Courses Required:
   - PE 143, PE 212, PE 214, PE 217, PE 228, PE 241, PE 305, PE 311, PE 361, PE 451,
   - Coaching Methods (2 credits) .................................................. 19 Credits

   **TEACHER EDUCATION REQUIREMENTS**
   TE 201, TE 381, TE 481, P 312 .................................................... 15 Credits
   Electives .................................................................................. 3 Credits

   **SECOND TEACHING FIELD**
   Department Certification Requirements in Minor Field to be Satisfied .......................................................... 12 Credits Min.

   **Total** .................................................................................. 128 Credits Min.

   **ELEMENTARY PHYSICAL EDUCATION OPTION GRADUATION REQUIREMENTS**

   **GENERAL COLLEGE REQUIREMENTS**
   English Composition ................................................................ 3-6 Credits

   **AREA I REQUIREMENTS**
   MU 101 Music Fundamentals ....................................................... 2 Credits

   **AREA II REQUIREMENTS**
   - P 101 General Psychology ...................................................... 3 Credits
   - P 311 Child Psychology ............................................................ 3 Credits
   - CM 311 Speech Communication for Teachers .............................. 3 Credits

   **AREA III REQUIREMENTS**
   - C 103 Preparation for College Chemistry .................................. 1 Credit
   - C 107 Essentials of Chemistry ............................................... 3 Credits
   - C 108 Chemistry Laboratory ..................................................... 1 Credit
   - Z 107 Human Anatomy & Physiology ....................................... 3-4 Credits

   Electives .................................................................................. 3-4 Credits

   **AREA II and/or III ELECTIVES**
   Electives .................................................................................. 9 Credits

   **PHYSICAL EDUCATION MAJOR REQUIREMENTS**
   Physical Education Core ............................................................ 28 Credits

   **ADDITIONAL PHYSICAL EDUCATION REQUIREMENTS**
   - P 143, PE 212, PE 214, PE 217, PE 228, PE 241, PE 305, PE 311, PE 361, PE 451,
   - Coaching Methods (2 credits) .................................................. 19 Credits

   **TEACHER EDUCATION REQUIREMENTS**
   TE 201, TE 381, TE 481, P 312 .................................................... 15 Credits
   Electives .................................................................................. 3 Credits

   **SECOND TEACHING FIELD**
   Department Certification Requirements in Minor Field to be Satisfied .......................................................... 12 Credits Min.

   **Total** .................................................................................. 128 Credits Min.
SCHOOL OF EDUCATION

TEACHER EDUCATION REQUIREMENTS
TE 201, TE 381, TE 391, TE 462, TE 481 .............................................. 18 Credits
Additional Electives ........................................................... 13 Credits
Total .............................................................................. 126 Credits

ELEMENTARY PHYSICAL EDUCATION MINOR
PE 105 First Aid ......................................................................... 2 Credits
PE 115 Gymnastics .................................................................... 1 Credit
PE 117 Field Sports ................................................................... 1 Credit
PE 143 Basketball & Volleyball ................................................. 1 Credit
PE 212 Track and Field ............................................................... 1 Credit
PE 230 Anatomical Kinesiology* ............................................. 2 Credits
PE 310 Physiological Kinesiology* ........................................... 2 Credits
PE 367 Dance for Children ....................................................... 2 Credits
PE 381 Elementary School Physical Education Methods .......... 3 Credits
PE 389 Perceptual Motor Programs for Kindergarten and Special Education Teachers ............... 2 Credits
PE 451 Adaptive and Corrective Physical Education .......... 2 Credits
PE 493 Internship ..................................................................... 3 Credits
Total ..................................................................................... 22 Credits

ATHLETIC COACHING MINOR
PE 105 First Aid ......................................................................... 2 Credits
PE 113 Basic Movement ............................................................. 1 Credit
PE 149 Resisitive Training and Conditioning Procedures ........ 1 Credit
PE 228 Introduction to Athletic Injuries ................................. 2 Credits
PE 230 Anatomical Kinesiology* ............................................. 2 Credits
PE 310 Physiological Kinesiology* ........................................... 2 Credits
PE 401 Psychology of Activity .................................................. 3 Credits
PE 430 Organization and Administration of Athletics Coaching Methods ............................................. 4 Credits
PE 493 Internship ..................................................................... 3 Credits
Total ..................................................................................... 22 Credits

HEALTH EDUCATION MINOR
PE 100 Health Education ............................................................ 3 Credits
PE 105 First Aid ......................................................................... 2 Credits
ZO 107 Anatomy & Physiology .................................................. 4 Credits
HE 207 Nutrition ...................................................................... 3 Credits
P 312 Adolescent Psychology .................................................... 3 Credits
PE 305 Personal & Public Health Problems ............................... 3 Credits
Electives ............................................................................... 6 Credits
Total ...................................................................................... 24 Credits

Electives will be chosen from the following courses:

H 109 Drugs – Use and Abuse .................................................... 2 Credits
B 200 Man and the Environment .............................................. 3 Credits
H 203 Introduction to Disease Conditions .............................. 3 Credits
H 205 Chronic Illness: Impact & Outcome .............................. 3 Credits
P 301 Abnormal Psychology ...................................................... 3 Credits
H 302 Health Delivery Systems .................................................. 3 Credits

*Prerequisite: Z 107 Concepts of Human Anatomy

COURSES

PE PHYSICAL EDUCATION

100 Health Education (Coed) (3 credits). Health education covers a wide variety of subjects, including nutrition, diseases, health needs and services, drugs, family living and personal hygiene, and consumerism. The major objective of this course is to teach the student about effective functioning in a changing environment. Required of PE Majors. Either semester.

101 Introduction to Physical Education (Coed) (1 credit). Required of all prospective Physical Education Majors. An orientation course designed to give the prospective physical education teacher an understanding of what is involved in the profession: duties of physical educators; professional preparation; service rendered by physical educators; employment opportunities; certification requirements. First semester.

102 Kayaking and Canoeing (Coed) (1 credit). The basic Kayaking and Canoeing course is designed primarily to cover the principles of safety, self rescue using this type of smallcraft. The objective of the course is to teach safe handling skills, self rescue skills, skills to use in helping others or rescuing others who are in trouble and ways to apply the basic skills interestingly and safely. Prerequisite: Candidates must have sufficient swimming ability to maintain themselves in the water for 10 minutes. Must be able to jump into deep water fully clothed and float, tread water safely for 10 minutes. Either semester.

103 Introduction to Recreation (Coed) (2 credits). Designed to acquaint the student with the growth and development of community recreation and the role of community recreation in our present day society. Spring semester.

104 Target and Trap Shooting (Coed) (1 credit). Fundamentals of safety and shotgun shooting. Sighting procedures, gun parts, care of equipment and safety are stressed. shotgun trap load is also taught. Students will furnish their own shotgun, shells, and trap range fees. Either semester.

105 First Aid (Coed) (2 credits). Immediate and temporary care for a wide variety of injuries and illnesses; control of bleeding, care of poisoning, and proper methods of transportation, spinalizing and breathing. Successful completion of course leads to Red Cross standard certificate. Required of all PE Majors. Each semester.

106 Adaptive Physical Education (Coed) (1 credit). A fundamental body mechanics, posture and corrective exercise program designed to offer assistance to men and women of all abilities who are unable to participate in the regularly scheduled activity class. Students may be referred into the adaptive class where they can benefit twofold: (1) Help correct or rehabilitate their physical problem. (2) Avoid losing credit from the activity class they can no longer participate in. The course may be repeated for credit. Either semester.

107 Jogging (Coed) (1 credit). Instruction and individual participation in beginning endurance running. The student will be pre-tested and placed into a level suitable to his/her capabilities as to age and condition. It is designed as a program to develop and maintain the cardio respiratory system. Either semester.

110 Team Handball (Coed) (2 credits). The course consists of participation in the sport of team handball. Emphasis will be placed on the natural skills of running, jumping, throwing, and catching. Basic offensive and defensive strategy and rules of the game will be taught. Either semester.

112 Billiards (Coed) (1 credit). The course is designed especially for the beginning in the art of playing pocket billiards. It will include complete instruction for the beginners in basic fundamentals as selection of cue, grip, stroke, pocketing, break. Emphasis on play and strategy will also be taught. Class fee approximately $10.00. Either semester.

113 Basic Movement (Coed) (1 credit). Professional Activities. Instruction and practice in Basic Movements. (Required of all PE Majors) Either semester.

115 Gymnastics (Coed) (1 credit). Professional Activities. Instruction and practice in Gymnastics. (Required in some options) Prerequisite: None. Either semester.

117 Field Sports (Coed) (1 credit). Professional Activities. Instruction and practice in Field Sports (Required in some options). Either semester.

125 Bicycle Touring (Coed) (1 credit). This course is designed to acquaint students with the various techniques of bicycle touring. Emphasis will be on bicycle safety, bicycle anatomy and riding techniques, care and maintenance of the bicycle, and physical fitness through bicycle riding. Students will furnish their bicycle. Either semester.

131 Spring Board Diving (Coed) (1 credit). The course is designed for the beginning diver. Basic Diving movements, proper body alignment, safety in diving and diving areas. Prerequisite: Swim 50 yards. Either semester.

132 Skin and Scuba Diving (Coed) (1 credit). Beginning skin diving and scuba skills will be the major operation in the course. Mask, fins, and snorkel, introduction to the scuba diving aspect, panic control, mechanical use of equipment, safety techniques, buddy diving will be stressed. Cost to student approximately $35.00. Prerequisite: Swim 400 yards crawl/stroke in 12 minutes, tread water for 15 minutes and carry a 10 lb. weight. Either semester.

133 Modern Dance (Coed) (1 credit). A fundemental body mechanics, use of modern dance techniques and movement exploration. Either semester.

134 Beginning Backpacking and Camping (Coed) (1 credit). Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, choice of camping sites, basic outdoor cooking skills, minor first-aid skills, and emphasizes ecology in the outdoors. Students will furnish their own equipment and transportation. Either semester.

135 Beginning Karate (Coed) (1 credit). Karate may be defined as a weaponless means of self defense. Karate is taught on technical skill and cardio-vascular conservation. The essence of Karate is the coordination of the mental and physical powers possessed by every human being. Students will furnish their Gi. Each semester.

136 Flycasting and Stream Strategy (Coed) (1 credit). For fly fisherman only. Techniques of flycasting, including single haul and double haul methods of presentation will be taught. Presentation of insect, minnow, and terrestrial imitation will be explained and practiced. Techniques associated with the catching and releasing of warm water, cold water, and anadromous fishes will be emphasized. Students must provide their own equipment and transportation. Either semester.

141 Swimming (Coed) (1 credit). Professional Activities. Instruction and practice in swimming (Required in some options). Either semester.

143 Basketball and Volleyball (Coed) (2 credits). Professional Activities. Instruction and practice in Basketball and Volleyball (Required in some options). Either semester.

144 Resistance Training and Conditioning Procedures (Coed) (1 credit). Professional Activities. Instruction and practice in conditioning training activities. (Required of all PE Majors) Either semester.

152 Beginning Swimming (Coed) (1 credit). Basic water safety, skills and knowledge: floating, bobbing, diving, rhythmic breathing, treading water, and introduction to the crawl, side stroke, elementary backstroke. For students who do not know how to swim. Either semester.

153 Beginning Yoga (Coed) (1 credit). Gentle yoga exercises of stretching and controlled breathing to promote good health and relief from tension. Emphasis upon flexibility, balance, relaxation, meditation, and integration of body and mind. Either semester.

159 Beginning Badminton (Coed) (1 credit). The course covers basic skills in badminton to encourage skill development, understanding and appreciation of the game. Either semester.

159 Beginning Volleyball (W) (1 credit). The course consists of participation in volleyball with consideration of fundamental skills, rules, and basic team strategy. Either semester.
184 Beginning Volleyball (M) (1 credit). A beginning class in volleyball with the basic fundamentals and team strategies of volleyball emphasized. Also basic skill drills used for skill improvement. General game situations and team participation are brought to a level of fun activities with improvement of skills the end objective. Either semester.

185 Beginning Basketball (W) (1 credit). The course consists of participation in basketball with consideration of fundamental skills, rules, and basic team strategy. Either semester.

186, 157 Varsity Participation (1 credit). Includes Football, Basketball, Wrestling, Baseball, Track, Cross Country, Tennis, Golf, Gymnastics, Field Hockey, Softball, and Volleyball. Prerequisite: For varsity participation only.

187 Beginning Basket Ball (M) (1 credit). A beginning class in basketball emphasizing general rules and participation. Basic offensive strategies will be discussed and basic drills on passing, dribbling, and shooting will take place. Defensive tactics such as man to man, zones, and rebounding will also be explained. Either semester.

188 Beginning Tennis (Coed) (1 credit). The course includes basic skills, strategies, and rules. Students will furnish their own racket. Either semester.

189 Beginning Field Hockey (W) (1 credit). The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.

190 Softball (W) (1 credit). The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring semester.

191 Beginning Soccer (M) (1 credit). Participation in soccer with emphasis on skill development, rules, and team strategy. Either semester.

192 Beginning Judo (Coed) (1 credit). A safe, fun sport which is also a complex art form. The course consists of principle and methodology of judo and the techniques of falling, throwing, grappling, and seinen. Students will learn the forms of Aikido, Judo, and Karate; teaching coordination of the mind and body and non-aggressive application of the laws of gravity and force. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Either semester.

193 Touch Football (M) (1 credit). An introduction to the sport of touch football. Spring semester.

194 Cross-Country Skiing (Coed) (1 credit). Students will be taught techniques and skills of cross-country skiing. Prerequisite: PE 170 or PE 171 and Sophomore standing. Either semester.

195 Beginning Tennis (Coed) (1 credit). The course includes basic skills, strategies, and rules. Students will furnish their own racket. Either semester.

196 Beginning Field Hockey (W) (1 credit). The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.

197 Beginning Softball (W) (1 credit). The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring semester.

198 Beginning Soccer (M) (1 credit). Participation in soccer with emphasis on skill development, rules, and team strategy. Either semester.

199 Beginning Judo (Coed) (1 credit). A safe, fun sport which is also a complex art form. The course consists of principle and methodology of judo and the techniques of falling, throwing, grappling, and seinen. Students will learn the forms of Aikido, Judo, and Karate; teaching coordination of the mind and body and non-aggressive application of the laws of gravity and force. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Either semester.

200 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

201 Advanced Self-Defense (Coed) (1 credit). The course is a continuation of Self-Defense using Aikido, Judo and Karate, teaching coordination of the mind and body and non-aggressive application of the laws of gravity and force. It is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 174 or experience. Either semester.

202 Principles of Physical Education (Coed) (2 credits). Course content consists of philosophy of physical education, physical education's role in general education, changing concepts of physical education, history, and principles of physical education. Prerequisite: Introduction to Physical Education PE 101 and Sophomore standing. Either semester.

203 Beginning Gymnastics (M) (1 credit). This course is designed for the beginning student to provide instruction in the fundamental techniques of all phases of gymnastics. The student will also be acquainted with spotting and safety techniques. Either semester.

204 Advanced Self-Defense (Coed) (1 credit). This course is a continuation of Self-Defense using Aikido, Judo and Karate, teaching coordination of the mind and body and non-aggressive application of the laws of gravity and force. It is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

205 Advanced Judo (Coed) (1 credit). Continuation of the basic skills of judo. Advanced form to encourage participants to seek advanced degrees. Students will furnish their Gi. Prerequisite: PE 174 or experience. Either semester.

206 Archery and Bowling (Coed) (1 credit). Professional Activities. Instruction and practice in archery and bowling. (Required in some options) Either semester.

207 Archery and Bowling (Coed) (1 credit). Professional Activities. Instruction and practice in archery and bowling. (Required in some options) Either semester.


209 Beginning Modern Dance (M) (1 credit). An introduction to modern dance and its technique. Prerequisite: PE 113 and Sophomore standing. Either semester.

210 Beginning Modern Dance (M) (1 credit). An introduction to modern dance and its technique. Prerequisite: PE 113 and Sophomore standing. Either semester.

211 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

212 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

213 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

214 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

215 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

216 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

217 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

218 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

219 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

220 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

221 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

222 Principles of Physical Education (Coed) (2 credits). Course content consists of philosophy of physical education, physical education's role in general education, changing concepts of physical education, history, and principles of physical education. Prerequisite: Introduction to Physical Education PE 101 and Sophomore standing. Either semester.

223 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

224 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

225 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

226 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

227 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

228 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.

229 Beginning Self-Defense (Coed) (1 credit). The course is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: PE 175 or experience. Either semester.
the systems of the body and emphasis on the preparation of training programs for
310 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and training on
dent with the organization and administration of intramural programs. Includes sports
290 Advanced Bowling (Coed) (1 credit). Includes the finer skills of bowling - playing the
287 Intermediate Fencing (Coed) (1 credit). A review of basic skills and strategies; ad-
286 Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport, including
283 Water Safety Instructor's Course (Coed) (2 credits). The course includes a review
493 Internship In Physical Education (Coed) (1-6 credits). A field experience in a
457 Organization and Administration of Physical Education (Coed) (3 credits). Study of
department organization, instructional and recreational programs, supervision of in-
327 Techniques and Methods of Coaching Track and Field (Coed) (2 credits). The theory
324 Techniques and Methods of Coaching Baseball (Coed) (2 credits). Team leadership and
323 Techniques and Methods of Coaching Basketball (Coed) (2 credits). Methods of coaching offense and defense, styles of play, and basketball strategy. Prerequisite: Junior standing. Either semester.
322 Techniques and Methods of Coaching Baseball (Coed) (2 credits). Team leadership and organization, selection and evaluation of personnel, practice organization, playing fundamentals, offensive and defensive strategies of the game of baseball. Prerequisite: Junior standing. Either semester.
321 Biomechanical Kinesiology (Coed) (2 credits). The application of the principles of mechanics and laws of physics in analyzing the motor movements of man and in teaching fundamental techniques of sports activities. Prerequisite: Anatomical Kinesiology PE 230 and Junior standing. Either semester.
319 Techniques and Methods of Coaching Football (Coed) (2 credits). Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing. Either semester.
318 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and training on the systems of the body and emphasis on the preparation of training programs for specific activities. Prerequisite: Anatomical Kinesiology PE 230 and Junior standing. Either semester.
317 Internal and Sports Officiating (Coed) (2 credits). Designed to acquaint the stu-
dent with the organization and administration of intramural programs. Includes sports and intramural officiating. Prerequisite: Junior standing. Either semester.
316 Advanced Life Saving (Coed) (1 credit). This ARC swimming course includes: per-
sontal safety, self-rescue skills, and rescue training. Prerequisite: Good health and abili-
ty to swim 200 yards. Either semester.
315 Water Safety Instructor's Course (Coed) (2 credits). The course includes a review of
courses, general information for instructors, and practice teaching. Satisfactory com-
280 Advanced Swimming (Coed) (1 credit). Includes the development of swimming
281 Analytical Diving (Coed) (1 credit). The course deals with individual skills and the
277 Intermediate Swimming (Coed) (1 credit). The course includes a review of basic
276 Beginning Swimming (Coed) (1 credit). An introduction to swimming, including basic
275 Physical Education Methods. Either semester.
401 Psychology (Coed) (3 credits). Concepts of learning, value formation, motivation, emotion and stress as they relate to the beginning and advanced levels of skill learning. Measurement and evaluation of the psychological aspects. Prerequisite: P 101, Physiological Kinesiology PE 310 and Junior standing. Either semester.
402 Athletic Training and Sports Medicine (Coed) (3 credits). The course presents the
400 Organizational and Administration of Interscholastic Athletics (Coed) (2 credits). The
319 Techniques and Methods of Coaching Football (Coed) (2 credits). Details of
defense in wrestling, equipment and training; meets and tournaments; wrestling styles;
318 Education Methods. Either semester.
317 Nature and Methods of Teaching Physical Education at the Primary and Intermediate Grades (Coed) (3 credits). Designed to present fundamental aspects of teaching physical education at the primary and intermediate grades. Prerequisite: Kinesiology PE 230 and Junior standing. Either semester.
316 Internals and Sports Officiating (Coed) (2 credits). Designed to acquaint the stu-
dent with the organization and administration of intramural programs. Includes sports and intramural officiating. Prerequisite: Junior standing. Either semester.
315 Advanced Lifesaving (Coed) (1 credit). This ARC swimming course includes: per-
sontal safety, self-rescue skills, and rescue training. Prerequisite: Good health and abili-
ty to swim 200 yards. Either semester.
314 Dance Techniques (Coed) (2 credits). A course in methods of teaching dance in secondary schools. Areas included are folk and square dance, social dance, modern dance, and rhythmic gymnastics. Prerequisite: Junior standing and PE 184 or experience. Either semester.
313 Dance for Children (Coed) (2 credits). The analysis of the fundamentals. The development of skills, and the application of methods in teaching dance in kindergarten, special education and elementary school physical education. To include basic funda-
mental movement, singing games. Danish gymnastics, folk dance, square dance, round dances and mixers, fitness to music and creative dance. Prerequisite: Junior standing. Spring semester.
312 Perceptual Motor Programs for Kindergarten and Special Education Teachers (Coed) (3 credits). This course is designed for future kindergarten and special education teachers or physical education specialists with emphasis on the perceptual motor development of children; theory, diagnosis, program planning, methods and materials. Prerequisite: PE 261 and Junior standing. Fall semester.
311 Techniques and Methods of Coaching Track and Field (Coed) (2 credits). The theory and methods of coaching the various events in track and field and the planning of meets. Prerequisite: Junior standing. Either semester.
310 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and training on
dent with the organization and administration of intramural programs. Includes sports
290 Advanced Bowling (Coed) (1 credit). Includes the finer skills of bowling - playing the
287 Intermediate Fencing (Coed) (1 credit). A review of basic skills and strategies; ad-
286 Beginning Fencing (Coed) (1 credit). An introduction to a lifetime sport, including
283 Water Safety Instructor's Course (Coed) (2 credits). The course includes a review
493 Internship In Physical Education (Coed) (1-6 credits). A field experience in a
457 Organization and Administration of Physical Education (Coed) (3 credits). Study of
department organization, instructional and recreational programs, supervision of in-
327 Techniques and Methods of Coaching Track and Field (Coed) (2 credits). The theory
324 Techniques and Methods of Coaching Baseball (Coed) (2 credits). Team leadership and
323 Techniques and Methods of Coaching Basketball (Coed) (2 credits). Methods of coaching offense and defense, styles of play, and basketball strategy. Prerequisite: Junior standing. Either semester.
322 Techniques and Methods of Coaching Baseball (Coed) (2 credits). Team leadership and organization, selection and evaluation of personnel, practice organization, playing fundamentals, offensive and defensive strategies of the game of baseball. Prerequisite: Junior standing. Either semester.
321 Biomechanical Kinesiology (Coed) (2 credits). The application of the principles of mechanics and laws of physics in analyzing the motor movements of man and in teaching fundamental techniques of sports activities. Prerequisite: Anatomical Kinesiology PE 230 and Junior standing. Either semester.
319 Techniques and Methods of Coaching Football (Coed) (2 credits). Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing. Either semester.
318 Physiological Kinesiology (Coed) (2 credits). The effects of exercise and training on the systems of the body and emphasis on the preparation of training programs for specific activities. Prerequisite: Anatomical Kinesiology PE 230 and Junior standing. Either semester.
317 Internal and Sports Officiating (Coed) (2 credits). Designed to acquaint the stu-
dent with the organization and administration of intramural programs. Includes sports and intramural officiating. Prerequisite: Junior standing. Either semester.
316 Advanced Lifesaving (Coed) (1 credit). This ARC swimming course includes: per-
sontal safety, self-rescue skills, and rescue training. Prerequisite: Good health and abili-
ty to swim 200 yards. Either semester.
315 Water Safety Instructor's Course (Coed) (2 credits). The course includes a review of
courses, general information for instructors, and practice teaching. Satisfactory com-
280 Advanced Swimming (Coed) (1 credit). Includes the development of swimming
281 Analytical Diving (Coed) (1 credit). The course deals with individual skills and the
277 Intermediate Swimming (Coed) (1 credit). The course includes a review of basic
276 Beginning Swimming (Coed) (1 credit). An introduction to swimming, including basic
275 Physical Education Methods. Either semester.
401 Psychology (Coed) (3 credits). Concepts of learning, value formation, motivation, emotion and stress as they relate to the beginning and advanced levels of skill learning. Measurement and evaluation of the psychological aspects. Prerequisite: P 101, Physiological Kinesiology PE 310 and Junior standing. Either semester.
402 Athletic Training and Sports Medicine (Coed) (3 credits). The course presents the
400 Organizational and Administration of Interscholastic Athletics (Coed) (2 credits). The
319 Techniques and Methods of Coaching Football (Coed) (2 credits). Details of
defense in wrestling, equipment and training; meets and tournaments; wrestling styles;
318 Education Methods. Either semester.
317 Nature and Methods of Teaching Physical Education at the Primary and Intermediate Grades (Coed) (3 credits). Designed to present fundamental aspects of teaching physical education at the primary and intermediate grades. Prerequisite: Kinesiology PE 230 and Junior standing. Either semester.
316 Internals and Sports Officiating (Coed) (2 credits). Designed to acquaint the stu-
dent with the organization and administration of intramural programs. Includes sports and intramural officiating. Prerequisite: Junior standing. Either semester.
315 Advanced Lifesaving (Coed) (1 credit). This ARC swimming course includes: per-
sontal safety, self-rescue skills, and rescue training. Prerequisite: Good health and abili-
ty to swim 200 yards. Either semester.
314 Dance Techniques (Coed) (2 credits). A course in methods of teaching dance in secondary schools. Areas included are folk and square dance, social dance, modern dance, and rhythmic gymnastics. Prerequisite: Junior standing and PE 184 or experience. Either semester.
313 Dance for Children (Coed) (2 credits). The analysis of the fundamentals. The development of skills, and the application of methods in teaching dance in kindergarten, special education and elementary school physical education. To include basic funda-
mental movement, singing games. Danish gymnastics, folk dance, square dance, round dances and mixers, fitness to music and creative dance. Prerequisite: Junior standing. Spring semester.
312 Perceptual Motor Programs for Kindergarten and Special Education Teachers (Coed) (3 credits). This course is designed for future kindergarten and special education teachers or physical education specialists with emphasis on the perceptual motor development of children; theory, diagnosis, program planning, methods and materials. Prerequisite: PE 261 and Junior standing. Fall semester.
# REQUIREMENTS FOR PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science

I. Lower Division:

<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Psychology (see: Area II, below)</td>
<td>15-18</td>
</tr>
<tr>
<td>B. Other</td>
<td></td>
</tr>
<tr>
<td>1. Area I</td>
<td>10</td>
</tr>
<tr>
<td>English Composition</td>
<td>3-6</td>
</tr>
<tr>
<td>Literature</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>3</td>
</tr>
<tr>
<td>Third Area I field*</td>
<td>3</td>
</tr>
<tr>
<td>Any Area I field**</td>
<td>3</td>
</tr>
<tr>
<td>2. Area II</td>
<td>15</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Practice of Psych., P-201</td>
<td>3</td>
</tr>
<tr>
<td>Third Area II field</td>
<td>3</td>
</tr>
<tr>
<td>3. Area III</td>
<td>18</td>
</tr>
<tr>
<td>Mathematics for the Life Science</td>
<td>10</td>
</tr>
<tr>
<td>Concepts of Biology</td>
<td>3</td>
</tr>
<tr>
<td>Concepts of Human Anatomy &amp; Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

II. Upper Division:

<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Psychology</td>
<td>25</td>
</tr>
<tr>
<td>1. Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>2. Experimental Psychology</td>
<td>4</td>
</tr>
<tr>
<td>3. Psychological Measurement</td>
<td>3</td>
</tr>
<tr>
<td>4. Learning</td>
<td>3</td>
</tr>
<tr>
<td>5. Systems Seminar</td>
<td>3</td>
</tr>
<tr>
<td>6. Electives in Psychology</td>
<td>9</td>
</tr>
</tbody>
</table>

III. Free electives (37-40 credits)

### NOTE:

- Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.
- Excluding performance courses.
- Including performance courses.

### PSYCHOLOGY MINORS

Psychology Social Science Curriculum Minor
(a phase of the Social Science Secondary Education Options in Economics, History, Political Science, and Sociology)

<table>
<thead>
<tr>
<th>Required</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-101 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-301 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>P-351 Personality</td>
<td>3</td>
</tr>
<tr>
<td>Psychology upper division electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Certification Requirement

| 6 hours of U.S. History | 6 |

Total | 21 |

Psychology - Minor Certification Endorsement

| P-101 General Psychology | 3 |
| P-301 Abnormal Psychology | 3 |
| P-305 Statistical Methods | 3 |
| P-351 Personality | 3 |
| Psychology upper division electives | 9 |

Total | 21 |

### Suggested Program for the Psychology Major

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Comp. E-101, 102</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Art, Drama, Music or Humanities</td>
<td>3</td>
</tr>
<tr>
<td>*Concepts of Biology, B-100</td>
<td>4</td>
</tr>
<tr>
<td>*Concepts of Human Anatomy and Physiology, Z-107</td>
<td>4</td>
</tr>
<tr>
<td>History of Western Civ.</td>
<td>3</td>
</tr>
<tr>
<td>*General Psychology, P-101</td>
<td>3</td>
</tr>
<tr>
<td>Elective(s)</td>
<td>4</td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Math for Life Sciences, M-115, 116</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Physical and Cult. Anthropology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AN 201, 202</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Physiological Psych., P-225</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Intro. to Practice of Psych., P-201</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Elective(s)</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

Total | 18 | 17 |

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Statistical Methods, P-305</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Experimental Psych., P-321</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Digital Computer Programming, EN-104</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Child Psychology, P-311</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Adolescent Psychology, P-312</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Perception, P-341</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
<td>3</td>
</tr>
</tbody>
</table>

Total | 15 | 15 |

### SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Psychological Measurement, P-421</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Learning, P-441</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*Systems Seminar, P-301</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Abnormal Psychology, P-489</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Personality, P-351</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Social Psychology, P-431</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>9</td>
</tr>
</tbody>
</table>

Total | 15 | 15 |

*Specifically required.

### COURSES

#### P PSYCHOLOGY

**LOWER DIVISION**

- **101 General Psychology** (3 credits).
  An introductory course in psychology and a prerequisite to most other psychology courses. Theory and terminology are major concerns in the treatment of such topics as the history of psychology, growth and development, the biological system, learning, thinking, individual differences, personality and adjustment. Recommended (not required) preparation. One year of college-level science. Each semester.

- **151 Career and Life Planning** (3 credits).
  Career and Life Planning devotes three weeks to each of the following areas: (1) knowing self, (2) the world of work, (3) identifying resources, (4) actual career planning, and (5) proposed implementation of career and life plans. Students are expected to participate through work-study sheets, interviews and visitsation, and by arranging for resources pertinent to classroom activities. Pass-fail. Limited enrollment. Cannot be used to meet Area II requirements. Each semester.

- **161 Assertiveness Training** (3 credits).
  This course is designed to improve the communication skills of those who are experiencing difficulty in expressing their feelings and opinions openly, honestly, and constructively to others. Group techniques will include training films, role-playing, and constructive feedback. Pass-fail. Limited enrollment. Cannot be used to meet Area II requirements. Each semester.

- **201 Intro to Practice of Psychology** (3 credits).
  An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lectures and discussions, with psychologists who are employed in a wide variety of specific occupations. Designed for psychology majors but others accepted if they have completed an introductory course, Prerequisite: General Psychology 101. Each semester.

- **225 Physiological Psychology** (3 credits).
  A survey of classical and current problems, with emphasis on nervous and endocrine systems in the processing of information with the organization of behavior. Examples of sensation, perception, motivation, emotion, and learning will be studied from this point of view. Prerequisites: General Psychology 101 and Concepts of Human Anatomy and Physiology, Z-107. Fall semester.

- **251 Human Sexuality** (3 credits).
  An overview of human sexuality emphasizing both physiological and psychological aspects of sexuality. Topics will include sexual physiology, sexual response cycle, childbirth, contraception, sexual dysfunction, sex role development, and sexual deviation. Cross cultural values will be examined, and a values clarification unit will be included. Each semester.

- **291 Death: A Confrontation for Everyone** (3 credits).
  A multifaceted course dealing with the subject of death and dying, its historical and social ramifications, and present impact on the nature of living. Either semester.

#### UPPER DIVISION

- **201 Abnormal Psychology** (3 credits).
  A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of current preventive and remedial practices. Prerequisite: General Psychology 101. Each semester.
305 Statistical Methods (3 credits). Statistical concepts and methods commonly used in treatment of data in the Social Sciences. Topics covered will include measures of central tendency. variance, correlation measures, probability, and simple analysis of variance. Prerequisites: Mathematics for the Life Sciences M 115-116. Each semester.

311 Child Psychology (3 credits). A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Prerequisite: General Psychology 101. Each semester.

312 Adolescent Psychology (3 credits). Chronologically a continuation of Child Psychology. The course will emphasize the special conditions of adolescent growth and adjustment. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Prerequisite: General Psychology 101. Each semester.

321 Experimental Psychology (4 credits). The application of scientific methodology to the study of behavior. Design of experiments, methods of analysis and interpretation of data: reporting of behavioral research. Two lectures and two-hour laboratory periods per week. Prerequisites: General Psychology 101, Statistical Methods P 305 and Mathematics for the Life Sciences M 115-116. Each semester.

325 Educational Psychology (3 credits). A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Each semester.

331 Social Psychology of Sex Roles (3 credits). This course will examine sex roles in our own society, attention will be given to the development of sex roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy on cultural change. This course may be taken for psychology or sociology credit but not for both. Prerequisites: General Psychology 101 or Introduction to Sociology 101 and upper division status. Spring semester.


341 Peer Counseling: The Helping Relationship (3 credits). This course will explore relevant concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Fall semester.

347 Peer Counseling: The Helping Relationship (3 credits). This course will explore relevant concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Fall semester.

351 Personality (3 credits). A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Fall semester.


371 Social Psychology of Sex Roles (3 credits). This course will examine sex roles in our own society. Attention will be given to the development of sex roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy on cultural change. This course may be taken for psychology or sociology credit but not for both. Prerequisites: General Psychology 101 or Introduction to Sociology 101 and upper division status. Spring semester.

401 Senior Review Practicum (3 credits). A survey of the basic concepts in the psychology of perception, including a review of the findings of present day research on the percept processes. Prerequisite: General Psychology 101. Spring semester.

405 Advanced Statistical Methods (3 credits). Statistical concepts and methods commonly used in the treatment of data in the Social Sciences. Topics covered will include: measures of central tendency, variance, correlation measures, probability, and simple analysis of variance. Prerequisites: Mathematics for the Life Sciences M 115-116 and Statistical Methods P 305. Either semester.

411 Learning (3 credits). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: conditioning, rote learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101, Mathematics for the Life Sciences M 115-116, Statistical Methods P 305. Either semester.


431 Social Psychology (3 credits). Social factors affecting individual behavior: formation and change of attitudes; social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for Psychology or Sociology credit but not for both. Prerequisite: General Psychology 101 and Introduction to Sociology 101. Each semester.


441 Systems Seminar (3 credits). Theories and controversies in American Psychology. After a four-week historical orientation by the professor, the emphasis shifts to the present and more recent past, and the format shifts from lecture to seminar. Prerequisite: General Psychology 101. Psychology 300. Spring semester.

445 Senior Thesis (3 credits). An individual research project in psychology. The project is selected by the student, and his proposal must be approved by the instructor before he may enroll. Recommended projects are those which will contribute to the development of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school. Prerequisites: General Psychology P 101, Mathematics for the Life Sciences M 115-116, Statistical Methods P 305, Experimental Psychology P 321, and consent of the instructor. Fall semester.

GRADUATE (See graduate school section for descriptions)

P 501 Counseling and Consulting in the Elementary and Special Classroom (3 credits). Each semester.

P 502 Advanced Educational Psychology (3 credits). Either semester.

P 503 Individual Testing Practicum (3 credits). Spring semester, odd numbered years.

P 504 Analysis of the Individual (3 credits). Fall semester.

P 505 Personality Development (3 credits). Spring semester.

P 508 Seminar Adolescent Psychological Problems (3 credits). Fall semester, every other year.

DEPARTMENT OF TEACHER EDUCATION AND LIBRARY SCIENCE

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

To realize this principle the faculty members exemplify instructional excellence, remain current in their fields, and contribute to the knowledge about instruction and learning.

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education in the total preparation of elementary and secondary school teachers and librarians.

The Department of Teacher Education is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of the Idaho State Board of Education. The Department of Teacher Education has an institution-wide commitment to the preparation of teachers, a commitment that is implemented in close cooperation with the subject-matter departments.

As a foundation for high-quality professional work, prospective teachers are provided with a well-rounded general education in the humanities and in the social and natural sciences. Students also receive special preparation for the particular kind of education work they plan to do.

ADMISSION TO TEACHER EDUCATION

A. Students preparing to teach must apply for admission to Teacher Education. Normally, this is accomplished during the Sophomore year. This application will be secured and processed as part of the TE-201 Foundations of Education course (required for certification).

Transfer students who have completed an equivalent course in Foundations of Education shall contact the Coordinator of Field Services and apply for admission to Teacher Education.

Admission to Teacher Education must be completed prior to enrollment in TE-451/452 Elementary Curriculum and Methods or TE 381, Secondary School Methods.

B. General requirements for admission to Teacher Education for elementary and secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements include:

1. Filing of the Admission to Teacher Education, or its equivalent.
2. A minimum of Grade "C" in TE-201 Foundations of Education, or its equivalent.
3. Satisfactory test scores on authorized departmental examinations of basic proficiencies. These tests are administered during the TE-201 course, but may be taken by transfer students and in special cases by contacting the Coordinator of Field Services. Students failing to make satisfactory scores on one or more of these examinations will be advised as to the specific weaknesses and remediation will be suggested. Students will be given an opportunity to retake any examination previously failed.
4. Any deviations from the preceding policy must be approved by the Chairperson of the Department of Teacher Education and Library Science.

ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES

A. An application for a specific student teaching assignment must be filed with the Office of Field Services, Department of Teacher Education by the following deadlines:
1. March 1 of the Junior year for Fall Secondary Student Teachers and Fall/Spring Elementary Student Teachers
2. October 1 of the Senior Year for Spring Secondary Student Teachers and Spring/Fall Elementary Student Teachers

Application forms may be picked up from the Office of the Coordinator of Field Services.

NOTE: Six weeks notice will be required prior to the beginning date of the student teaching assignment, if a student wishes to change semesters (elementary) or specific blocks (secondary).

B. General requirements for admission to student teaching for elementary or secondary candidates include:

1. ELEMENTARY MAJOR
   a. Admission to Teacher Education.
   b. Recommendation by the faculty advisor or department chairman.
   c. A cumulative grade point average of 2.50.
   d. Elementary Curriculum and Methods, TE-451 and TE-452, taken concurrently with or prior to student teaching.
   e. Student teaching to be completed during two consecutive semesters.
   f. Senior standing.
   
   NOTE: Deviations from the above requirements must be approved by the chairman of the Department of Teacher Education and Library Science.

2. SECONDARY OPTION

Students with Secondary Options who are planning to graduate by the Spring of 1981, may choose to fulfill the student teaching requirements as outlined in the 1979-1980 BSU Bulletin.

1. Admission to Teacher Education.
2. Secondary Option students must complete an Early School Experience either in a subject matter area or arranged through their TE-201, Foundations of Education, instructor.
3. Recommendation by the faculty advisor or the department chairman.
4. A minimum grade point average of 2.50.
5. Secondary School Methods, and the appropriate class or classes in special methods for the teaching area.

NOTE: Students are encouraged to complete both TE-381 and special methods prior to student teaching.

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

D. Students who transfer to Boise State University must meet admission requirements for School of Education and student teaching and complete at least 6-9 semester hours at the institution before being placed in student teaching.

E. Student Teaching can only be taken once. (Refer to PART II ACADEMIC INFORMATION - Academic Regulations).

ELEMENTARY EDUCATION MAJOR
(Bachelor of Arts Degree)

Students preparing to teach in the elementary grades will major in Elementary Education and complete a program of studies approved by the Chairman of the Department of Teacher Education and consisting of general and professional education courses.

Degree Requirements

A. General University Requirements
1. English Composition (E 101-102) .... 3 or 6 semester cr.
   Note: E 101 may be exempt.

B. Area I Requirements
1. Literature (to include American Literature E 270) .... 7

C. Area II Requirements
1. History (United States History) .... 3
   a. HY-151, HY-152, HY-251 or HY-252
   b. Geography GG-101 .... 3
   c. Oral Communication elective .... 3
   d. Psychology P-101 .... 3
   e. Area II electives .... 6
   
   NOTE: For certification purposes, elementary education majors must complete a total of 12 semester hours in social science areas other than psychology and communication.

D. Area III Requirements
1. A year's sequence chosen from:
   a. Biological Sciences (B-101, 102)
   b. Physical Science (PH-101, 102)
   
   With additional credits from a field other than that chosen to satisfy sequence requirements, OR
   
   2. Any three of the following courses:
      a. Biology (B-100)
      b. Chemistry (C-100)
      c. Geology (GO-100)
      d. Mathematics (M-100)
      e. Physical Science (PS-100)
      f. Physics (Astronomy PH-105)
      
      NOTE: Choose second and third field electives from Art, Humanities, Music, Philosophy, Theatre Arts and Foreign Language (102 or higher).

E. Professional Education Requirements

1. 100 LEVEL Teaching Assist Reading TE-206
   a. TE-171 Early School Experience .... 1
   b. M 103-104 Mathematics Elementary Teachers .... 8
   
   2. 200 LEVEL
   a. TE-201 Foundations of Education .... 3
   
   3. 300 LEVEL
   a. MU-371 Music Methods for the Elementary School Teacher .... 2
   b. AR-321 Elementary School Art Methods .... 3
   c. PE-361 Elementary School Physical Education .... 3

Reading Content Subjects TE-307.
### FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-101</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>E-102</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>B-100</td>
<td>Concepts of Biology</td>
<td>4</td>
</tr>
<tr>
<td>Physical Science (C-100, GO-100, PS-100 or PH-105)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>TE-171</td>
<td>Early School Experience</td>
<td>1</td>
</tr>
<tr>
<td>P-101</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>M-103, M-104</td>
<td>Elementary Mathematics for Teachers</td>
<td>4</td>
</tr>
<tr>
<td>GG-101</td>
<td>Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>MU-101</td>
<td>Music Fundamentals</td>
<td>2</td>
</tr>
<tr>
<td>Elective Area I Requirement</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Suggested Program**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-101</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>E-102</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>B-100</td>
<td>Concepts of Biology</td>
<td>4</td>
</tr>
<tr>
<td>Physical Science (C-100, GO-100, PS-100 or PH-105)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>TE-171</td>
<td>Early School Experience</td>
<td>1</td>
</tr>
<tr>
<td>P-101</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>M-103, M-104</td>
<td>Elementary Mathematics for Teachers</td>
<td>4</td>
</tr>
<tr>
<td>GG-101</td>
<td>Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>MU-101</td>
<td>Music Fundamentals</td>
<td>2</td>
</tr>
<tr>
<td>Elective Area I Requirement</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-270</td>
<td>Survey of American Literature</td>
<td>4</td>
</tr>
<tr>
<td>TE-201</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>TE-205</td>
<td>Approaches to Reading</td>
<td>3</td>
</tr>
<tr>
<td>TE-271</td>
<td>Teacher Aide Practicum</td>
<td>2</td>
</tr>
<tr>
<td>TE-291</td>
<td>Education and Psych. Implic. of the Exceptional Child</td>
<td>3</td>
</tr>
<tr>
<td>Electives (include Area II and Area III requirements)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

**Suggested Program**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-270</td>
<td>Survey of American Literature</td>
<td>4</td>
</tr>
<tr>
<td>TE-201</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>TE-205</td>
<td>Approaches to Reading</td>
<td>3</td>
</tr>
<tr>
<td>TE-271</td>
<td>Teacher Aide Practicum</td>
<td>2</td>
</tr>
<tr>
<td>TE-291</td>
<td>Education and Psych. Implic. of the Exceptional Child</td>
<td>3</td>
</tr>
<tr>
<td>Electives (include Area II and Area III requirements)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

### JUNIOR YEAR:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR-321</td>
<td>Elementary School Art Methods</td>
<td>3</td>
</tr>
<tr>
<td>MU 371</td>
<td>Music Methods for the Elem. School Teacher</td>
<td>2</td>
</tr>
<tr>
<td>PE-361</td>
<td>Elementary School Physical Ed</td>
<td>2</td>
</tr>
<tr>
<td>P-325</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>LS-316</td>
<td>Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>Electives (consider elementary specialty)</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

**Suggested Program**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR-321</td>
<td>Elementary School Art Methods</td>
<td>3</td>
</tr>
<tr>
<td>MU 371</td>
<td>Music Methods for the Elem. School Teacher</td>
<td>2</td>
</tr>
<tr>
<td>PE-361</td>
<td>Elementary School Physical Ed</td>
<td>2</td>
</tr>
<tr>
<td>P-325</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>LS-316</td>
<td>Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>Electives (consider elementary specialty)</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

### SENIOR YEAR:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-311</td>
<td>Child Psychology</td>
<td>3</td>
</tr>
<tr>
<td>TE-410</td>
<td>Elementary School Media I</td>
<td>1</td>
</tr>
<tr>
<td>TE-411</td>
<td>Elementary School Media II</td>
<td>1</td>
</tr>
<tr>
<td>TE-451</td>
<td>Elemen. Curriculum and Methods</td>
<td>5</td>
</tr>
<tr>
<td>TE-452</td>
<td>Elemen. Curriculum and Methods</td>
<td>5</td>
</tr>
<tr>
<td>TE-471</td>
<td>Elementary Student Teaching</td>
<td>5</td>
</tr>
<tr>
<td>TE-472</td>
<td>Elementary Student Teaching</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>TE-473 Student Teaching Special Ed</td>
<td>5</td>
</tr>
<tr>
<td>TE-499</td>
<td>Senior Seminar Elementary Education</td>
<td>2</td>
</tr>
</tbody>
</table>

**Suggested Program**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-311</td>
<td>Child Psychology</td>
<td>3</td>
</tr>
<tr>
<td>TE-410</td>
<td>Elementary School Media I</td>
<td>1</td>
</tr>
<tr>
<td>TE-411</td>
<td>Elementary School Media II</td>
<td>1</td>
</tr>
<tr>
<td>TE-451</td>
<td>Elemen. Curriculum and Methods</td>
<td>5</td>
</tr>
<tr>
<td>TE-452</td>
<td>Elemen. Curriculum and Methods</td>
<td>5</td>
</tr>
<tr>
<td>TE-471</td>
<td>Elementary Student Teaching</td>
<td>5</td>
</tr>
<tr>
<td>TE-472</td>
<td>Elementary Student Teaching</td>
<td>5</td>
</tr>
<tr>
<td>OR</td>
<td>TE-473 Student Teaching Special Ed</td>
<td>5</td>
</tr>
<tr>
<td>TE-499</td>
<td>Senior Seminar Elementary Education</td>
<td>2</td>
</tr>
</tbody>
</table>

### ELECTIVE BILINGUAL/MULTICULTURAL MAJOR
(Bachelor of Arts Degree)

#### LANGUAGE COMPONENT

**SPANISH**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-101,102</td>
<td>Elementary Spanish</td>
<td>8</td>
</tr>
<tr>
<td>S-201,202</td>
<td>Intermediate Spanish</td>
<td>8</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

**Spanish/English Bilinguals**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-303,304</td>
<td>Spanish Conversation and Comp.</td>
<td>6</td>
</tr>
<tr>
<td>S-205</td>
<td>El Español Vernacular</td>
<td>2</td>
</tr>
<tr>
<td>S/TE-409</td>
<td>Teaching Spanish as a First Language in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>S-378</td>
<td>Panorama de la Tradicion Mexicana / Americana</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

**TOTAL LANGUAGE HOURS FOR ENGLISH MONOLINGUALS:** 30

**TOTAL LANGUAGE HOURS FOR BILINGUALS:** 18

**TOTAL LANGUAGE HOURS FOR ALL STUDENTS:** 48

**LINGUISTICS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LI-305</td>
<td>Introduction to Language Study</td>
<td>3</td>
</tr>
<tr>
<td>LI-407</td>
<td>Applied Linguistics in English as a Second Language (ESL)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

**ENGLISH**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-101,102</td>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>22</td>
</tr>
</tbody>
</table>

**TOTAL LANGUAGE COMPONENT—English Monolinguals:** 42

**TOTAL LANGUAGE COMPONENT—Bilinguals:** 30

#### MULTICULTURAL COMPONENT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-425</td>
<td>Mexican American Literature</td>
<td>3</td>
</tr>
<tr>
<td>HY-261</td>
<td>History of Minorities in the US</td>
<td>3</td>
</tr>
<tr>
<td>CM-351</td>
<td>Intercultural Communications</td>
<td>3</td>
</tr>
<tr>
<td>AN-102</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>72</td>
</tr>
</tbody>
</table>

**TOTAL MULTICULTURAL COMPONENT:** 25

**SCIENCE COMPONENT**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-103,104</td>
<td>Math for Elementary Teachers</td>
<td>8</td>
</tr>
<tr>
<td>B-100</td>
<td>Concepts of Biology</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>14</td>
</tr>
</tbody>
</table>

**TOTAL SCIENCE COMPONENT:** 25
Choose one of the following:

C-100 Concepts of Chemistry ........................................... 4
GO-100 Fundamentals of Geology ........................................ 4
PS-100 Foundations of Physical Science ............................... 4
Total ................................................................. 4

REQUIRED SCIENCE COMPONENT ........................................... 16

PROFESSIONAL REQUIREMENTS

GENERAL EDUCATION

AR-321 Elementary School Art Methods ............................... 3
LS-316 Children's Literature .............................................. 3
MU-101 Music Fundamentals .............................................. 2
MU-371 Public School Music ................................................ 2
P-101 General Psychology ................................................ 3
P-311 Child Psychology .................................................... 3
PE-361 Elementary School PE Methods ............................... 3
TOTAL GENERAL EDUCATION ............................................. 19

TEACHER EDUCATION

TE-171 Early School Experience ......................................... 1
TE-201 Foundations of Education ......................................... 3
TE-271 Teacher Aide Practicum .......................................... 2
TE-453 Teaching Reading and Language Arts in the Bilingual Classroom ........................................... 3
TE-454 Teaching Content Areas in the Bilingual Classroom ......... 3
TE-474 Elementary Student Teaching ................................. 4
475 Bilingual Classroom .................................................... 2
TE-498 Conflict in the Educational System ........................... 2
TOTAL TEACHER EDUCATION ............................................. 24
TOTAL PROGRAM HOURS—English Monolinguals ...................... 126
Bilinguals .................................................................. 114

NOTE: Sufficient additional electives must be completed to
meet the 128-hour graduation requirement.

(Suggested Program)

FRESHMAN YEAR

*S-101 Elementary Spanish ................................................ 4
P-101 General Psychology ................................................... 3
E-101 English Composition ............................................... 3
M-103 Math for Elementary Teachers .................................. 4
MU-101 Music Fundamentals .............................................. 2
16

*S-102 Elementary Spanish ................................................ 4
M-104 Math for Elementary Teachers .................................. 4
E-102 English Composition ............................................... 3
B-100 Concepts of Biology ............................................... 3
TE-171 Early School Experience ......................................... 1
16

SOPHOMORE YEAR

*S-201 Intermediate Spanish .............................................. 4
*SO-230 Intro to Multi-ethnic Stud. ...................................... 3
GO-100 Fund. of Geology ................................................... 3
OR
PS-100 Found. of Physical Science ...................................... 4
AN-202 Cultural Anthropology ........................................... 3
TE-201 Foundations of Education ......................................... 3
17

*S-202 Intermediate Spanish OR
S-203 Spanish for Native Speakers ...................................... 4
E-271-2 Survey of American Literature ............................... 3
HY-261 History of Minorities in US ...................................... 3
TE-271 Teacher Aide Practicum .......................................... 2
S-205 El Español Vernacular ............................................... 2
Elective ...................................................................... 2
16

JUNIOR YEAR

S-303 Spanish Conversation and Composition .......................... 3

S-305 Intro. to Language Study .............................................. 3
Choice 1 from Multicultural Component
List .............................................................................. 3
PE-361 Elementary School P.E. Meth ..................................... 3
AR-321 Elementary School Art Meth ...................................... 3
Elective ........................................................................ 1
16

S-304 Spanish Conversation and Composition ........................... 3
P-311 Child Psychology ....................................................... 3
LS-316 Children's Literature ............................................... 3
MU-371 Public School Music .............................................. 2
CM-351 Intercultural Communication ................................... 3
Choice II from Multicultural Component .................................. 3
17

SENIOR YEAR

TE-474 Elementary Student Teaching Bilingual Classroom . . . 5
S/T-409 Teaching Spanish as First Language ......................... 3
TE-453 Teaching Reading and Language Arts Elementary Class ........................................... 3
S-378 Panorama de la Tradición Cultura Mexicana/ Americana ........................................... 3
TE-489 Conflict in Educational Sys ....................................... 2

16

TE-475 Elementary Student Teaching Bilingual Classroom . . . 5
S-425 Mexican American Literature ...................................... 3
TE-454 Teaching Content Areas in Bilingual Classroom ......... 3
LI-407 Applied Linguistics in English as a Second Language ... 3
Elective ........................................................................ 1/2

15/16

AREAS OF SPECIALTY

Students in education may select an area of specialty as a phase of the Elementary Education major or the Secondary Option in subject areas. Areas of specialty are: Early Childhood Education, Library Science, and Special Education. In some instances, students may need to extend the time sequence at the University in order to complete a specialty. Planning for the specialties should begin prior to the Junior year.

EARLY CHILDHOOD EDUCATION

Students may enroll in a program that will provide for a specialty in Early Childhood Education. The Elementary Education major should plan the program with the assistance and approval of the advisor and the consultant in Early Childhood Education. Some courses may be included in both the Elementary Education sequence and the Early Childhood sequence. A minimum of 21 hours, as designated below, is required.

A. Required Courses (total of 17 credit hours)
1. TE-461 Child Behavior in Early Childhood Education .......................... 3 credits.
2. TE-462 Curriculum in Early Childhood Education .......................... 3 credits.
3. TE-464 Teaching and Organizational Strategies in Early Childhood Education ........................................... 3 credits.
5. Students must complete TE-472 Elementary Student Teaching at the Kindergarten level. 5 credits.

B. Elective Courses (minimum of 4 credit hours)
1. PE-357 Dance for Children ............................................... 2 credits.
2. PE-369 Percep. Motor Prog’s. for Kindergarten and Special Education Teachers ........................................... 2 credits.
3. TE-291 Educational and Psychological Implications for the Exceptional Child in School ........................................... 3 credits.

103
SCHOOL OF EDUCATION

4. TE-371 Techniques in Student Motivation and Classroom Management. 3 credits.
5. TE-430 Diagnosis of the Mildly and Moderately Handicapped. 3 credits.
6. TE-431 Remediation of the Mildly and Moderately Handicapped. 3 credits.
7. TE-440 Instructional Materials for the Exceptional Child. 3 credits.
8. TE-496 Independent Study. 3 credits.

LIBRARY SCIENCE

In addition to general certification requirements, the training required for teacher librarians, at any grade level, shall be not less than 24 semester credit hours in the general field of educational media, 12 of which must be in the areas of material selection, organization and administration, cataloging and classification, and reference, and bibliography. Students must be able to type.

Up to six semester credit hours in the subject areas listed below may be substituted for an equal number of hours in the field of educational media, for the purpose of meeting the requirements for the endorsement:

- Philosophy of Education
- Educational Administration
- Curriculum Design or Development
- Pedagogy or Methods of Instruction
- Educational Psychology, or Theory of Learning
- Child or Adolescents Psychology
- Communications
- Graphic Arts

A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the library staff, or with the library science instructor, for guidance in planning his undergraduate program. These basic courses which follow, however, will give suitable academic training for librarians in small public libraries in the area, who are unable to afford graduate library schools:

- Introduction to Use of Libraries
- Library Organization and Administration
- Reference and Bibliography
- Basic Book Selection
- Cataloging and Classification
- Children's Literature
- Audio Visual Aids in Education
- Literature for the Adolescent

SPECIAL EDUCATION

Students desiring to teach exceptional children may enroll in one of the following programs and upon successful completion will meet requirements for Idaho Teacher Certification. Both programs have been designed to be pursued in a dual program with either the Elementary or Secondary Education major. The student should begin program planning as early as possible with the student's advisor and a consultant from Special Education, thereby providing continuity and elimination of possible obstacles. Several courses may be applied to a dual program and the student should plan accordingly. These programs are designed to meet Idaho Exceptional Child Certification standards which require a major of 30 credit hours in the desired area of certification.

A. GENERALIST (EDUCATIONALLY HANDICAPPED)

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

1. Required Courses (27 credit hours)
   a. TE-171 Early School Experience
   b. TE-271 Teacher Aide Practicum
   c. TE-291 Education & Psychological Implications for the Exceptional Child
   d. TE-371 Techniques in Student Motivation & Classroom Management
   e. TE-430 Diagnosis of the Mildly/Moderately Handicapped
   f. TE-431 Remediation of Mildly/Moderately Handicapped
   g. TE-440 Instructional Materials for Exceptional Child
   h. TE-473 Elementary Student Teaching in Special Education (L.D.) Classroom
   i. TE-499 Senior Seminar in Elem./Sp. Ed.

B. SEVERE RETARDATION

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

1. Required Courses (24 credits)
   a. TE-171 Early School Experience
   b. TE-271 Teacher Aide Practicum
   c. TE-291 Education & Psychological Implications for Exceptional Child
   d. TE-371 Techniques in Student Motivation & Classroom Management
   e. TE-422 Curriculum for Moderately & Severely Handicapped
   f. TE-423G Teaching the Moderately & Severely Handicapped
   g. TE-473 Student Teach. in Special Education (M.R.) Classroom
   h. TE-499 Senior Seminar in Spec. Ed.
   i. PE-359 Precep. Motor Prog's. for Kindergarten & Special Education

2. Elective Courses (minimum 3 credits)
   a. TE-358 Corrective Reading Techniques in the Elementary School
   b. TE-450G Behavior Intervention Tech.
   c. TE-462 Curriculum in Early Childhood Education
   d. TE-464 Teaching and Organizational Strategies in Early Childhood Education
   e. TE-496 Independent Study in Mental Retardation

CERTIFICATION REQUIREMENTS FOR ELEMENTARY EDUCATION

Students from Boise State University will be recommended for an elementary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of the Bachelor of Arts degree in Elementary Education.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.
CERTIFICATION REQUIREMENTS AND ENDORSEMENTS FOR SECONDARY EDUCATION

**Note:** Students who plan to graduate by May of 1981 may elect to fulfill the certification requirements as outlined in the 1978-79 Boise State University Bulletin. Starting in the fall of 1981, only the options as described below will be available.

Certification standards for the State of Idaho are listed in the bulletin, Idaho Certification Standards for Professional School Personnel-1979, as prepared by the Idaho Department of Education.

A. Students from Boise State University will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of baccalaureate degree including education requirements.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the department subject area specialization and the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of the subjects to be taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

**Note:** Students with previously earned degrees may follow specialized programs determined by the Department of Teacher Education and Library Science.

B. A Standard Secondary Certificate may be issued by the State Board of Education to any person of good moral character who has a Bachelor's Degree from an accredited college or university and meets the following requirements:

Idaho requires a minimum of twenty semester credit hours "in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching."

These basic requirements are translated into the following required Boise State University courses.

<table>
<thead>
<tr>
<th>Reading in Content Inf.</th>
<th>TE-307</th>
<th>Single</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Single Alternatives</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TE 201 Foundations of Education</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>TE 333 Educating Exceptional Secondary Students</td>
<td>4</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>P 325 Educational Psychology</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>TE 381 Secondary School Methods</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*** Special Methods required by major department</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>*** Student Teaching alternatives</td>
<td>9</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>(see below)</td>
<td>22</td>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>

(1) Student Teaching Alternatives

<table>
<thead>
<tr>
<th>1. Single Alternatives</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 485 Junior High/Middle School Student Teaching</td>
<td>8</td>
</tr>
<tr>
<td>TE 486 The Junior High/Middle School</td>
<td>1</td>
</tr>
<tr>
<td>b. TE 483 Senior High School Student Teaching</td>
<td>8</td>
</tr>
<tr>
<td>TE 487 The Senior High School</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Composite Alternative</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 484 Composite—Junior High/Middle School Student Teaching</td>
<td>6</td>
</tr>
<tr>
<td>TE 485 Composite—Senior High School Student Teaching</td>
<td>6</td>
</tr>
<tr>
<td>TE 487 The Senior High School</td>
<td>1</td>
</tr>
</tbody>
</table>

**Note:** The above alternatives all lead to a Standard Secondary Certificate (grades 7-12), and offer a variety of student teaching experiences. Alternative "1. a." provides for a Junior High/Middle School experience. Alternative "1. b." provides for a Senior High School experience. Alternative "2." provides for a combination of Junior High/Middle School and Senior High School experiences. Students should consider alternative "2." if their teaching fields are applicable to both the Junior and Senior High School level. It is highly desirable to discuss such alternatives with the major advisor and with a member of the secondary education faculty in the Department of Teacher Education and Library Science well in advance of applying for student teaching.

Students may complete the student teaching requirements in either the fall or spring semester of their senior year. The advisor should be consulted as to the better time based upon offerings in the major field and other considerations.

Student teaching is scheduled through the Office of the Coordinator of Field Services in the Department of Teacher Education and Library Science. See ADMISSION TO STUDENT TEACHING AND GENERAL POLICIES for specifics regarding student teaching.

C. To be recommended for certification from Boise State University, the student must complete the secondary option degree program within a selected department. Such completion represents a major certification endorsement (at least 20 credit hours) in a teaching field. It is highly recommended that the student complete a minor certification endorsement of at least 20 credit hours in another field, as an additional minor certification endorsement enhances the opportunity for employment.


D. A listing of the Boise State University minor certification endorsements* is included for the convenience of students:

**Requirements for Minor Certification Endorsements**

*NOTE: Minor certification endorsements may be recognized by the State of Idaho in areas other than those included in this listing; check with the Office of Field Services for further information.

**ART:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR-103 Introduction to Art</td>
<td>3</td>
</tr>
<tr>
<td>AR-105-106 Basic Design</td>
<td>4</td>
</tr>
<tr>
<td>AR-111 or 112 Drawing</td>
<td>2</td>
</tr>
<tr>
<td>AR-113 or 114 Painting</td>
<td>2</td>
</tr>
<tr>
<td>2 hours from the following: Sculpture, Metalsmithing, Ceramics, Methods in Crafts</td>
<td>2</td>
</tr>
<tr>
<td>Electives to be taken from the 100-400 regular courses</td>
<td>7</td>
</tr>
<tr>
<td>Suggested electives: Art History, Lettering, Photography, Printmaking, Weaving, and those listed above</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>20</td>
</tr>
</tbody>
</table>

**BIOLOGY:**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-107 Essentials of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>C-108 Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>C-109 Essentials of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>C-110 Chemistry Lab</td>
<td>2</td>
</tr>
<tr>
<td>B-341-102 General Biology</td>
<td>8</td>
</tr>
<tr>
<td>B-343 Genetics</td>
<td>3</td>
</tr>
<tr>
<td>B-344 Genetics Lab</td>
<td>1</td>
</tr>
<tr>
<td>B-205 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>25</td>
</tr>
</tbody>
</table>
BUSINESS EDUCATION
(no minor certification endorsement)

CHEMISTRY:
- 100 level general chemistry courses: 8-10
- Organic chemistry courses: 5
- Additional courses in analytical, physical, inorganic or biochemistry: 4
- Mathematics to the M-111 Algebra and Trigonometry level: 5
Total: 22-24

COMMUNICATION: (Speech)
- CM 111 Fundamentals of Speech: 3
- CM 112 Reasoned Discourse: 3
- CM 211 Communication Process: 3
- CM 307 Interviewing: 2
- CM 331 Message Analysis and Criticism: 3
Electives selected from: 5
Total: 20

CONSUMER EDUCATION: (See Bus. Educ. Dept.)
- HE 250 Consumer in the Marketplace: 3
- EC 201-202 Principles of Economics: 6
- FI 108 Personal Finance and Investments: 3
- EC 301 Money and Banking: 3
- MK 301 Basic Marketing Management: 3
BE 411 Consumer Education in Schools: 3
Total: 21

EARTH SCIENCE:
- GO 101 Physical Geology: 4
- GO 103 Historical Geology: 4
- GO 213 Introduction to Ocean Geology: 3
- GO 213 Introduction to Meteorology: 3
- PH 105 Introduction to Descriptive Astronomy: 4
Electives selected from: 3
Total: 21

GENERAL SCIENCE:
- Complete the basic sequence of courses:
  - B 101-102 or BT 130 and Z 130: 8-9
  - Geology 101-103: 8
  - Physics 101-102: 8
Total: 33-34

HEALTH EDUCATION:
- PE 100 Health Education: 3
- PE 105 First Aid: 2
- ZO 107 Anatomy and Physiology: 4
- HE 207 Nutrition: 3
- PS 132 Adolescent Psychology: 3
- PE 305 Personal and Public Health Problems: 3
Electives from the following:
- H 109 Drugs: Use and Abuse: (2)
- H 203 Introduction to Disease Conditions: (3)
- H 205 Chronic Illness: Impact and Outcome: (3)

FOREIGN LANGUAGE:
French:
- Demonstrate competency equivalent to the completion of Elementary French (F 101-102) and Intermediate

French (F 201-202) by completing the course or by examination.
Complete 21 upper division credits:
- F 303-304 French Composition and Conversation: 6
- F 376-377 French Culture and Civilization: 6
- FL 412 Teaching Methodology in Foreign Language: 3
Six (6) credit hours in French Literature: 6
Competency examination required.
Total: 21

German:
- Demonstrate competency equivalent to completion of Elementary German (G 101-102) and Intermediate German (G 201-202) by completing the courses or by examination.
Complete 21 upper division credits:
- G 303-304 Advanced German Conversation and Composition: 6
- G 376-377 German Culture and Civilization: 6
- FL 412 Teaching Methodology in Foreign Language: (3)
Six (6) credit hours of upper division German literature: 6
Competency examination required.
Total: 21

Spanish:
- Demonstrate competency equivalent to completion of Elementary Spanish (S 101-102) and Intermediate Spanish (S 201-202) by completing the courses or by examination.
Complete 23 upper division credits:
- S 303-304 Advanced Spanish Conversation and Composition: 6
- S 376-377 Cultura y Civilización Española y Hispano-americana: 6
- S 410 Applied Linguistics: 2
- FL 412 Teaching Methodology in Foreign Language: (3)
Six (6) credit hours of upper division Spanish Literature: 6
Competency examination required.
Total: 23

ENGLISH:
- Advanced Composition: 3
- Linguistics: 3
- E 270 Survey of American Literature: 4
- E 301 Teaching English Composition: 3
- OR E 381 Methods of Teaching Secondary School English: 3
- Lower division Literature from E 230, E 235, E 240, E 260, or E 215: 6
- Upper division Literature: 6
Total: 25
P 301 Abnormal Psychology ............................................ (3)
H 302 Health Delivery Systems ........................................ (3)

Total 24

HISTORY:
Lower Division: 12
HY 151-152 U.S. History or HY 251-252
Problems in U.S. History .............................................. 6
HY 101-102-103 Western Civilization
or Problems in Western Civilization .......................... 3
Three credit hours in American Government
(State Required) ......................................................... 3
Upper division courses to include
3 credit hours of U.S. History with remaining nine credit
hours selected from two or three major history areas
(U.S., European, Third World) ................................. 12

Total 24

MATHEMATICS:
M 122 or M 124 Digital Computer Programming ................. 2
M 204 or M 211 Calculus .............................................. 5
M 205 or M 212 Calculus ............................................ 4-5
At least one of the following: ........................................ 3-4
M 302 Introduction .................................................... (3)
M 306 Number Theory .................................................. (3)
M 311 Foundations of Geometry .................................... (3)
M 361 Fundamentals of Statistics ................................ (4)
Electives to complete 20 hours ...................................... 6-4

Total 20-20

MUSIC:
Instrumental Track:
MU 119-120 Materials of Music .................................... 6
MU 121-122 Ear Training .............................................. 2
MU 133 Introduction to Music ........................................ 3
MU 256 Vocal Techniques .............................................. 2
MU 261 Basic Conducting ............................................. 1
MU 271 Orientation to Music Education ......................... 1
1 year Applied Music ................................................. 4
1 year major performance Ensemble ................................ 2
MU 257 String Instrument Methods and Techniques ............ 2
MU 266 Woodwind Methods and Techniques ..................... 2
MU 366 Instrumental Conducting .................................. 1
MU 368 Percussion Methods and Techniques ..................... 1
MU 369 Brass Methods and Techniques ............................ 2
MU 387 Band and Orchestra Methods and Materials ............ 2

Total 30

Choral Track
MU 119-120 Materials of Music .................................... 6
MU 121-122 Ear Training .............................................. 2
MU 133 Introduction to Music ........................................ 3
MU 256 Vocal Techniques .............................................. 2
MU 261 Basic Conducting ............................................. 1
MU 271 Orientation to Music Education ......................... 1
1 year Applied Music (Major Instrument) ....................... 4
1 year major performance Ensemble ................................ 2
1 year Applied Music (Voice or Piano) ............................ 4
MU 365 Choral Conducting ........................................... 1
MU 385 Choral Methods and Materials ............................ 2

Total 28

PHYSICAL EDUCATION:
Elementary Physical Education:
PE 105 First Aid ......................................................... 2
PE 113 Gymnastics ...................................................... 1
PE 117 Field Sports .................................................... 1
PE 143 Basketball and Volleyball .................................. 1
PE 212 Track and Field ................................................ 1
PE 230 Anatomical Kinesiology .................................... 2
PE 301 Abnormal Psychology ........................................ (3)
H 302 Health Delivery Systems ........................................ (3)

Total 24

Secondary Physical Education:
PE 100 Health Education ............................................. 3
PE 105 First Aid ........................................................ 2
PE 113 Basic Movement ................................................. 1
PE 115 Gymnastics ....................................................... 1
PE 117 Field Sports ..................................................... 1
PE 149 Resistive Training and Conditioning
Procedures .....................................................................
PE 202 Principles of Physical Education ......................... 2
PE 212 Track and Field ................................................ 1
PE 230 Anatomical Kinesiology ..................................... 2
PE 304 Methods for Teaching Physical Education ............. 2
PE 310 Physiological Kinesiology ................................... 2
PE 457 Organization and Administration of
Physical Education ..................................................... 3
PE 493 Internship ........................................................ 3

Total 22

POLITICAL SCIENCE:
PO 101 American National Government .......................... 3
PO 141 Contemporary Political Ideologies ......................... 3
PO 229 Comparative European Governments and
Politics ...........................................................................
PO 231 International Relations ...................................... 3
Political Science upper division electives ......................... 9

Total 25

PSYCHOLOGY:
P 101 General Psychology ............................................. 3
P 301 Abnormal Psychology ............................................ 3
P 305 Statistical Methods ............................................ 3
P 351 Personality .......................................................... 3
Psychology upper division electives ................................ 9

Total 21

SOCIOLOGY:
SO 101 Introduction to Sociology .................................. 3
SO 310 Social Statistics ................................................ 3
SO 311 Social Research ................................................ 3
SO 401 History of Sociology .......................................... 3
OR
SO 402 Current Sociological Perspectives ....................... 3
Sociology electives ....................................................... 9

Total 21

THEATRE ARTS:
TA 117-118 Technical Theatre ....................................... 8
TA 215 Acting ........................................................... 3
TA 331 Major Production Participation ......................... 1
TA 341, 342, or 353 World Drama ................................. 3
TA 491 Directing ........................................................ 3
TA 421 or 422 Theatre History ....................................... 3

Total 21

SPECIAL EDUCATION
Students wishing to pursue a program leading to certification
as a special education teacher will need to arrange consultation
with a special education faculty member in the Department
of Teacher Education and Library Science. The student wishing
to pursue such a plan should investigate this option as early as

107
possible since a minimum of thirty (30) credits will be required in the program leading to certification.

GRADUATE PROGRAMS IN EDUCATION

A Master of Arts in Elementary Education is offered through the Department of Teacher Education and Library Science. The candidate's project involves five areas of emphasis: (1) Curriculum and Instruction, (2) Content, Enrichment, (3) Early Childhood, (4) Reading, and (5) Special Education. The specifics of the programs are presented in the Graduate School section of this bulletin.

A Master of Arts/Science in Secondary Education is offered by the Department of Teacher Education in cooperation with participating departments of the University. The areas of emphasis are: (1) Art, Business Education, Earth Science, English, History, Mathematics and Music. The specifics of the programs are presented in the Graduate School section of this bulletin.

SERVICES PLACEMENT

A teacher Placement Service is provided by the Boise State University Career and Financial Services Office. Check with the Director regarding eligibility to use this service and procedures for doing so.

READING EDUCATION CENTER

This Center provides special services for college and public school students with specific problems in reading.

Faculty members, public school teachers and parents may seek assistance from the Reading Education Center for students who need diagnosis followed by planned instruction for improvement.

COURSES

TEACHER EDUCATION

LOWER DIVISION

108 Effective Reading and Effective Study Skills (2 credits). This course is designed to develop the reading and study skills of the college student. Areas covered are organized study techniques, testing examinations, vocabulary building, comprehension of reading material, gaining the main idea of paragraphs, how to use the library, rapid and flexible reading. Many activities are employed, including multimedia techniques to aid student development. Consideration is given to the needs of students who are speakers of English as a second language. Each semester. Prerequisite: TE 171 Early School Experience.

171 Early School Experience (1 credit). An experience in an elementary or special education classroom involving observation and assistance to the teacher. Requires a minimum of 20 hours in the classroom and periodic seminars with a university instructor. Program is coordinated by the Department of Teacher Education and Library Science. Required of all elementary education majors. Each semester. Prerequisite to TE 201.

201 Foundations of Education (3 credits). This is a general introductory course in education. The emphasis of the course is to provide the students, as early as possible in their academic career, some familiarity with the teaching profession. The course provides components in the foundations area including social, cultural, philosophic and historical perspectives of education. In addition, an attempt is made to inspect current educational issues and problems as they relate to the four basic components. Admission to the Teacher Education Program will be contingent upon meeting certain requirements specified in this course each semester.

205 An Inquiry into Approaches to Reading (3 credits). The course is designed to develop an understanding of a variety of approaches to reading. The course includes a review of a wide selection of media from the Reading Education Center and the Curriculum Resource Center. Also included is the observation of the use of materials and media in classroom situations. The needs of children speaking English as a second language are considered, including oral language development, comparative phonology, comprehension, learning styles related to culture and ethnic bias, and racism in instructional materials. Each semester.

217 Teacher Aide Practicum (2 credits). As a part of the total in school pre-professional experience of teachers, this sophomore level course provides an opportunity for students to become familiar with practical problems of school teaching. Included are a two-hour orientation, seminars with a university supervisor and approximately 40 hours of "safety" experiences one day a week in a special education school classroom. Assignments to classrooms and scheduling of teacher aide hours are arranged in cooperation with participating schools. Periodic seminars and evaluations are arranged by the university supervisor. Prerequisite: Teacher Aide Practicum.

231 Educational and Psychological Implications for the Exceptional Child in School (3 credits). The course will provide guidance in the various categories of exceptionality, the characteristics of the child, his educational program needs and psychological implications for the child. It will also include class presentations the various approaches utilized in meeting the program needs of these students. Prerequisites: P 101 General Psychology, and TE 171 Early School Experience. Each semester.

333 Educating Exceptional Secondary Students (1 credit). The course is designed to acquaint secondary teacher trainees with the various categories of exceptional students and their educational needs. Course emphasis will be directed at teaching models utilized at the secondary level for classroom instruction of the exceptional student. Each semester.

336 Production of Audio Visual Materials (2 credits). Motion pictures, graphic materials, filmstrips, lantern slides, field trips and auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved. Each semester.

338 Corrective Reading (3 credits). A study of reading difficulties of elementary or secondary school pupils with emphasis upon diagnosis, materials and methods of teaching. The student will tutor an elementary or secondary school pupil assigned from the Reading Education Center for approximately 20 sessions. Opportunity is offered to consider learning disabilities related to ethnic and cultural differences. Prerequisite: Elementary Education majors, TE 205; Special Education majors, Upper Division Standing. Either semester.

371 Techniques in Student Motivation and Classroom Management (3 credits). An overview of behavior perceived as inappropriate to the effectiveness of the regular and special classroom, the possible causes of such behavior, and the alternatives of attending to such behavior. The course is also related to techniques for motivating the child toward his appropriate goals. Skills related to parent consultation with parent conferences will also be introduced. Fall semester.

381 Secondary School Methods (3 credits). A study of the overall program and objectives of the secondary school with special attention given to methods and materials of instruction. Application is made to the student's teaching area. Prerequisite Admission to Teacher Education. This course, and/or a special methods course should be completed prior to student teaching. Each semester.

393 Driver Education (2 credits). This course is designed to aid teachers in the instruction of beginning drivers, and in the use of dual controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety. Spring and Summer semesters.

394 Advanced Driver Education (2 credits). A course designed to provide advanced preparation in principles and programs of driver education and traffic safety education, preparing future teachers, supervisors, and administrators. Prerequisite: TE 393. Spring, Summer semesters.

395 General Safety Education (3 credits). This course is designed to provide a comprehensive survey of general safety education, as it applies to all fields but especially to the schools. Topics include the study of accidents and their prevention, safety and accident prevention in the schools' traffic safety, student transportation and the school's role relative to safety problems with other public and private agencies. Prerequisites: Upper Division Standing.

403 Teaching Spanish as a First Language in Elementary School (3 credits). (La Enseñanza del español como lengua primera). A practical course designed for the elementary teacher who may have Spanish-speaking students to develop basic skills in listening, speaking, reading and writing Spanish. The emphasis is on developing approaches to understand and overcome specific language difficulties which originate in bilingual/bicultural interference. Prerequisites: S-202 (S-203). Course is conducted in Spanish. Offered in alternate academic years.

410 Elementary School Media (1 credit). First semester of two semesters. First semester has emphasis upon media production for the elementary teacher and has basic experiences in the areas of illustration, preservation, lettering and coloring of instruction materials in addition to the operation of audio-visual equipment commonly found in the elementary classroom. Fall semester.

415 Elementary School Media (1 credit). The second semester of Elementary School Media is designed to give elementary teachers experience in the production and utilization of instructional materials and audio-visual equipment. More advanced skills are taught in the areas of illustration, preservation, lettering, coloring and photography. Spring semester.

416 Curriculum for the Mentally Retarded (3 credits). A study of the specific curriculum needs and methods of teaching the mentally retarded, and the methods and adaptations necessary in the education of the student. A basic approach to the development of the curriculum for the mentally retarded and the teacher's influence in the implementation. Fall semester.

417 Teaching Strategies for the Mentally Retarded (3 credits). Survey and identification of teaching methods utilized in classroom teaching of all levels of retardation. Spring semester.

420 Curriculum Programs for the Moderately/Severely Handicapped (3 credits). This course is designed to acquaint the student with identification of the moderately/severely handicapped student and his educational needs. Emphasis is given to the development of curricula and instructional methods for this type of student, who in all probability will not be found in the regular school classroom. Such handicaps may be as severe as mental retardation, multiple handicaps, and the severely emotionally disturbed will provide the basic exceptions for this course. Prerequisites: TE 291 Educ. & Psych. Implications for the Exceptional Child; Fall semester.

421 Teaching the Moderately and Severely Handicapped (3 credits). The course is designed to aid participants to gain skills necessary in teaching the moderately and severely handicapped. Updating of information and skills relative to the student in this area will be given high priority. Students will be required to read recent literature, participate in classroom activity and to develop and field test their own curricula model. Prerequisites: Successful completion of TE 422, Curriculum Programs for the Moderately/Severely Handicapped and TE 171 Fall; Spring semester.

422 The Diagnosis of the Mildly and Moderately Handicapped (3 credits). The course will assist teachers in diagnosing the mildly and moderately handicapped and in preparation of teaching experiences for assisting or overcoming these disabilities. Fall semester.

423 The Remediation of the Mildly and Moderately Handicapped (3 credits). Emphasis is placed on the recognition and development of the basic educational needs of the student indicating mild or moderate handicaps. The course provides the teacher with tools for preparation of the educational program needed for the improvement and possi-
The Associate Special Education Instructional Materials Center and other resources will provide the materials and equipment for the course. Fall semester.

450 Behavior Intervention Techniques (3 credits). This course is designed for teachers, counselors, and administrators to gain understanding of the principles of behavior and the application of behavioral analysis procedures. The major emphasis will be based upon the Learning Theory Model and Intervention Strategy to deal with children in school environments who exhibit undesirable patterns of behavior. Prerequisite: TE 281 Spring semester, Summer.

451 Elementary Curriculum and Methods I (5 credits). The first semester of Elementary Curriculum and Methods with an emphasis upon language arts. However, all aspects of curriculum are included. To be taken concurrently with Student Teaching TE 471. Fall semester.

452 Elementary Curriculum and Methods II (5 credits). The second semester of Elementary Curriculum and Methods with an emphasis upon social studies, science, and mathematics. However, all aspects of curriculum are included. Prerequisite: Elementary Curriculum and Methods I. TE 451. To be taken concurrently with Student Teaching TE 472. Spring semester.

453 Teaching Reading and Language Arts in the Bilingual Classroom (3 credits). The course is designed to develop an understanding of different approaches to reading instruction, including the language experience, the linguistic approach, individualization and use of a basal reader series. It includes review of a wide selection of materials and media and development of techniques for selection of instructional materials, including application of a readability formula to grade level. When feasible, classroom observation of above listed approaches will be scheduled. Instruction will be presented in both the English and Spanish languages.

454 Teaching Content Areas in the Bilingual Classroom (3 credits). This course includes instructional strategies and techniques in mathematics, science and the social studies for use in the bilingual classroom. It will be presented in both the Spanish and English languages. Prerequisite: S-101, S-102, S-201 and S-202 or S-203.

461 Child Behavior in Early Childhood Education (3 credits). The influence of home and school environments will be examined in relation to child behaviors. The role of play, emotions, concept formation, and personality development will be emphasized. Special interest areas such as sex education, moral development, creativity, and multi-cultural aspects will be explored. The use of various approaches in working with children will be individualized to meet the needs of the student. Spring semester.

462 Curriculum in Early Childhood Education (3 credits). All areas of the curriculum will be explored. Various early childhood curriculums from national programs will be examined. The processes and materials for intellectual and language development examined and utilized. Fall semester.

464 Individualizing InSTRUCTION in Early Childhood Education (ages 0 thru 8) (3 credits). Learning Centers, instructional materials (software and hardware) individualization of instruction, small and large group instruction and video equipment will be covered. The use of aides, parents, and other community resources in the classroom will be discussed along with techniques for evaluating their progress. The use of British Infant and Primary Schools will be explored in depth as will various United States open-classroom models. Spring semester.

465 Creating Materials in Early Childhood Education (ages 0 thru 8) (3 credits). Students will learn to make, for their classroom, inexpensive materials that are best suited to meet the developmental and cultural needs of the children. Various materials such as independent learning devices and creative work such as circuit boards, programmed instruction, puppets, and games will be covered. Students will be charged a lab fee which will be used to purchase instructional supplies. Spring semester.

470 Elementary Student Teaching (3 credits). Observation and supervised teaching in the schools of Boise. Summer semester.

471 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching, Senior standing, and GPA 2.5. Fall semester.

472 Elementary Student Teaching (5 credits). Observation and supervised teaching. Prerequisite: TE 451. To be taken concurrently with Elementary Curriculum & Methods TE 452. Spring semester.

473 Elementary Student Teaching in Special Education (5 credits). Observation and supervised teaching in a bilingual classroom with emphasis on special education, bilingual education, and special needs. Prerequisite: Required course work in special education and approval for placement in a special education classroom. Either semester.

474 Elementary Student Teaching in the Bilingual Classroom (5 credits). This course includes the following objectives and participants in the opening of school in a bilingual classroom at the elementary level, (b) observation of teaching in bilingual classrooms related to the different language groups, (c) interviews with cooperating teacher in a bilingual classroom, (d) regularly scheduled seminars with a university supervisor. Some areas of the course will be presented in both the Spanish and English languages. Prerequisites: S-101, S-102, S-201, and S-202 or S-203, TE 453 or TE 454, or may be taken concurrently with either TE 453 or TE 454.

475 Elementary Student Teaching in the Bilingual Classroom (3 credits). This semester of student teaching includes: (a) observation of teaching in bilingual classrooms at varied grade levels, (b) conferences with cooperating teacher and university supervisor, (c) regularly scheduled seminars with a university supervisor, (d) several weeks of teaching for full days and occasional Saturdays. Some areas of the course will be presented in both the Spanish and English languages. Prerequisites: S-101, S-102, S-201, S-202, or S-203, TE 453 and TE 454; or may be taken concurrently with either TE 453 or TE 454.
SCHOOL OF EDUCATION

TE 518 Techniques for Creative Writing in Elementary Schools (3 credits). Spring semester.

TE 519 Advanced Children's Literature (3 credits). Spring semester.

TE 520 Educational Media (3 credits). Summer, every other year.

TE 521 Elementary Physical Education Activities (3 credits). Summer, every other year.

TE 522 Individualization of Reading Instruction (3 credits). Spring semester and Summer.

TE 523 Emotionally Disturbed Child in the Classroom (3 credits). Fall semester and Summer.

TE 531 Education for the Culturally Different Learner (3 credits). Spring semester.

TE 541 Education in Emerging Nations (3 credits). Fall semester.

TE 542 Program Development in Early Childhood Education (3 credits).

TE 543 Early Childhood Education Research and Review (3 credits).

TE 544 Advancing Physical and Intellectual Competencies in Early Childhood Education (3 credits).

TE 545 Creativity in Early Childhood Education (3 credits).

TE 546 Diagnosis and Evaluation in Early Childhood Education (3 credits).

TE 547 Language Acquisition and Development in Early Childhood Education (3 credits).

TE 548 Program Development in Early Childhood Education (3 credits).

TE 551 Fundamentals of Educational Research for Teachers (3 credits). Fall semester.

TE 555 Supervision in Schools (3 credits). Spring semester.

TE 559 Values and Ideology in Education (3 credits).

TE 560 Core in Secondary Education (3 credits). Summer.

TE 569 Testing and Grading (1 credit). Summer.

TE 563 Conflicting Values Influencing Education (1 credit). Summer.

TE 564 Creative Teaching—Secondary School (1 credit). Summer.

TE 565 Interpreting Educational Research (1 credit). Summer.

TE 566 Learning Theory and Classroom Instruction (1 credit). Summer.

TE 567 Techniques of Classroom Management (1 credit). Summer.

TE 568 Comprehensive Core for Elementary Education (total of 6 credits). Summer.

TE 570-571 Comprehensive Core for Elementary Education (total of 6 credits). Summer.

TE 571 Creative Teaching—Elementary School (1 credit). Summer.

TE 590 Practicum in Learning Disabilities (4 credits). Each semester and Summer.

TE 590 Practicum in Mental Retardation (4 credits). Each semester and Summer.

TE 590 Practicum in Mental Retardation (4 credits). Each semester and Summer.

TE 591 Project (3 credits). Each semester and Summer.

TE 593 Thesis (3 credits). Each semester and summer.

LS LIBRARY SCIENCE

LOWER DIVISION

101 Introduction to Use of Books and Libraries (2 credits). Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshmen, sophomores and new students. Recommended for education majors. Fall semester.

102 Basic Library Skills (1 credit). An independent, self-paced, self-directed course in library skills including resources common to academic libraries in general and to facilities in the Boise State University Library in particular. The course is designed for incoming students who are not familiar with an academic library, and for returning students who have had difficulty using the college library in the past. No tests will be given, but conferences may be held. All assignments must be satisfactorily completed to receive credit. (Credit, no credit basis).

UPPER DIVISION

301 Library Organization and Administration (3 credits). An introduction to the development, organization, and management of all types of libraries, with emphasis on the school library and its place in the instructional program. First semester.

311 Reference and Bibliography (3 credits). Introduction to the principles and techniques of reference work: the evaluation and use of basic reference books, indexes, and bibliographies found in school and small public libraries. Fall semester.

316 Children's Literature (3 credits). Emphasis on selection, wide reading, and evaluation of books for children, and reading guidance in relation to both personal and curricular needs. Required of elementary education majors and elementary school librarians; recommended for public librarians, parents and any who work with children. Literature intended to increase awareness and understanding of minority cultures is included. Members of minority groups are given opportunity to provide information through discussions, films, seminars. Each semester.

321 Basic Book Selection (3 credits). Principles and techniques for evaluating and selecting library materials; introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discard and weeding, and materials for the slow and gifted reader. Spring semester.


341 Literature for Adolescent (3 credits). Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people, including emphasis upon the needs of ethnic minorities. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of lower division Literature. Spring semester.
PART VII

SCHOOL OF HEALTH SCIENCES

Dean: Victor H. Duke, Ph.D.

INTRODUCTION

The School of Health Sciences is organized and dedicated to provide a stimulating and challenging milieu in which students can gain the professional, technical, and liberal arts foundation to prepare them for lifelong service and learning.

Course work leading to baccalaureate and associate degrees is offered in several health care professional programs. Professional course work and counseling are also provided for those students who need undergraduate studies in order to qualify for medical or other professional schools. The school also recognizes the responsibility of providing continuing education to its graduates and to other health care practitioners.

Faculty of the school not only have the required academic degrees but are also registered or certified as practitioners in the areas in which they teach. Hospitals, clinics, government agencies, and a variety of health care practitioners afford the necessary patients, professional support and clinical facilities which are required to complement the classes and laboratories at the University.

ADVISORY COUNCIL

Chairman of Advisory Council
David M. Barton, MD

Edith Miller Klein, JD
Robert W. Matthews, MD
Blake Morgan
Clayton C. Morgan, MD

Bee Biggs, RN, FNP
Armand L. Bird

M. M. Burkholder, MD
Joseph J. Callanan, MD
Robert M. Gudmundsen, DDS
James R. Hammarsten, MD

Velma Morrison
Sister Beverly Ann Nelson
Mary Nelson, RN
Leonard O. Thompson

CLINICAL AFFILIATES

Ada County Council on Alcoholism, Boise, Idaho
Alcohol Rehabilitation Center, Boise, Idaho
Boise Convalescent Center, Boise, Idaho
Boise Orthopedic Clinic, Boise, Idaho
Caldwell Memorial Hospital, Caldwell, Idaho
Central District Health Department, Boise, Idaho
Community Health Clinics, Nampa, Idaho
Grand Oaks Health Care Center, Boise, Idaho
Headstart, El-Ada Community Action, Boise, Idaho
Idaho Elks Rehabilitation Center, Boise, Idaho
Independent School District of Boise, Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
Nampa Convalescent Center, Nampa, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke's Hospital, Boise, Idaho
St. Mary's School, Boise, Idaho
Sunset Nursing Home, Boise, Idaho
Treasure Valley Manor, Boise, Idaho
Veterans Administration Medical Center, Boise, Idaho
INTRODUCTION

In order to deliver the best health care possible, it is necessary that the physician and other members of the health care team be able to utilize the many complex and specialized tests, procedures, and instruments which modern medical science has produced. This requires that persons must be trained to complement and support the physician in providing the best treatment for the patient. These other members of the health team are known as allied health personnel.

In 1967 the ratio of allied health personnel to physicians was approximately ten allied health people to one physician. The present ratio is approaching twenty to twenty-five per physician. Delivery of adequate and quality health care depends on the education of persons in technological specialties.

HEALTH SCIENCE STUDIES

The bachelor of science degree in Health Science provides the curriculum whereby an individual may gain an education in the biological, physical, and health sciences to provide a foundation for additional professional or graduate work in several health science professions. This curriculum is designed to qualify the student for admission into hospital programs leading to certification as medical technologists. It is also recommended for students in pre-medical and pre-dental programs.

CREDITS

1. Requirements:
   - English Composition ........................................... 6
   - Area I requirements ............................................. 12

2. Electives (science) 6 courses
   - General Physics (8) or Biophysics (4)
   - Genetics (3)
   - Histology (4)
   - Quantitative Analysis with lab (5)
   - Pathogenic Bacteriology (4)
   - Vertebrate Embryology (4)
   - Parasitology (3)
   - Comparative Anatomy (4)
   - Physical Chemistry (8)

   Subtotal .......................................................... 22-23

3. Electives (Health Science) Minimum of three courses
   - Legal Concepts for Health Practitioners (3)
   - Medical Terminology (3)
   - Medical Economics and Finance (3)
   - Public Health Administration (3)
   - Preprofessional Internship (2)

   Subtotal .......................................................... 6-9

   Total ............................................................... 128 credits

MEDICAL TECHNOLOGY

BACHELOR OF SCIENCE PROGRAM

Medical Technology offers an excellent opportunity for those interested in science fields which relate to the medical laboratory. However, there is increasing demand for the limited space in the hospital training programs and it is essential that those interested in the profession will be well versed in physical, biological and health sciences.

To this end, the Department of Allied Health Studies offers the student two options. He/she may take three years of academic work (96 credits) in which he will complete the requirements of the college core as well as the basic science requirements set forth by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), an agency of the Council of Medical Education of the American Medical Association. The student may then apply for the one-year clinical program, and upon its successful completion will be eligible to write the examination for certification and also be eligible for a B.S. degree in Medical Technology.

The student may also complete the fourth year in a prescribed academic program to earn a B.S. in Health Sciences Studies. After completion of one year in an accredited hospital program he would be eligible for a second degree of a B.S. in Medical Technology.

Those BSU students who gain admission to an accredited hospital program and wish to have this experience counted for BSU credit must enroll in MT 487-488-489. A registration fee of ten dollars per credit hour is required. This will provide the individual with student privileges such as access to university loans and scholarships, use of the library and gymnasium, etc.

REQUIREMENTS FOR MEDICAL TECHNOLOGY MAJOR

1. Completion of basic core requirements:
   - English Composition ........................................... 6
   - Area I ............................................................ 12
   - Area II .......................................................... 12
   - Math (M 111-112 or M 115-116) ............................... 10
   - College Chemistry & Lab ..................................... 9
   - Organic Chemistry & Lab ..................................... 10
   - Biochemistry & Lab ............................................ 4
   - General Zoology ................................................ 4
   - General Botany .................................................. 4
   - Cell Biology ..................................................... 3
   - Bacteriology ..................................................... 5

   Subtotal .......................................................... 83 credits

2. Electives (science) 6 courses
   - General Physics (8) or Biophysics (4)
   - Genetics (3)
   - Histology (4)
   - Quantitative Analysis with lab (5)
   - Pathogenic Bacteriology (4)
   - Vertebrate Embryology (4)
   - Parasitology (3)
   - Comparative Anatomy (4)
   - Physical Chemistry (8)

   Subtotal .......................................................... 22-23

3. Electives (Health Science) Minimum of three courses
   - Legal Concepts for Health Practitioners (3)
   - Medical Terminology (3)
   - Medical Economics and Finance (3)
   - Public Health Administration (3)
   - Preprofessional Internship (2)

   Subtotal .......................................................... 6-9

   Total ............................................................... 128 credits
Human Physiology .......................... 4
2. Health Science, Science and Free Electives 13

Total .................................... 96

3. Senior Year—Clinical Class and Practice
A calendar year to be spent in St. Alphonsus Hospital or St. Luke’s Hospital, Boise, Idaho, or other hospitals, having clinical programs approved and accredited by the NAACLS.

MT 487-8-9
Hematology .................................. 6
Clinical Bacteriology ......................... 8
Clinical Parasitology ........................ 1
Urinalysis .................................. 1
Clinical Chemistry .......................... 8
Immunohemotology .......................... 3
Serology-Immunology ....................... 2
Toxicology .................................. 1
Clinical Mycology ........................... 1
Clinical Correlations Seminar .............. 1

Total credits ............................... 128

COURSES

MT MEDICAL TECHNOLOGY

201 Basic Medical Technology (2 credits). A survey course designed to introduce those students interested in Medical Technology to some of the basic aspects of anatomy and physiology encountered in the profession. The course demonstrates the relationship of the University and hospital programs in the development of knowledge and skills required in the field of medical technology, Fall semester.

487-8-9 Clinical Class and Practice (14-14-4 credits). Course requires 12 consecutive weeks of instruction in a hospital school approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Student spends approximately 30 hours a week in a laboratory practicum. Six to eight hours a week are set aside for reading assignments, lectures and examinations. Prerequisite: Acceptance by a hospital school director. See program director for specific dates.

H GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

MEDICAL OFFICE ASSISTANT

The Medical Office Assistant will be prepared to function in either office or hospital setting. The program will provide knowledge and skills such as scheduling, bookkeeping, filing, transcription, and management of the record system. In addition, this program will provide knowledge and skills to enable the office assistant to fulfill the role of contact between the patient and physician. These will include skills in communication, interpersonal relations, medical ethics and the legal aspects of patient care. Courses in behavioral science and humanities will enhance sensitivity to the special needs of the patient and his family. This program offers an Associate Degree.

CURRICULUM

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Business Mathematics/Machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concepts of Anatomy &amp; Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Beginning and Intermediate Typing</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Beginning and Intermediate Shorthand</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

16 15

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Psychology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Advanced Shorthand</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Applied Business Communication</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Business</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Records Preparation and Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Financial Accounting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Advanced Typewriting</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Word Proc. &amp; Machine Trans.</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Administrative Office Procedures</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Medical Office Orientation</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

18 15

For course descriptions see Part V of the catalog.

PREPROFESSIONAL CORE YEAR
FOR ALLIED HEALTH:

MEDICAL RECORD SCIENCE (MR)
RADIOLOGIC TECHNOLOGY (RD)
RESPIRATORY THERAPY (RT)

REQUIREMENTS FOR ADMISSION

A. Preprofessional Core Year

1. See University admission policy.

B. Professional Program

1. Only students who have completed or are in the process of completing the Allied Health core curriculum with a GPA of 2.00 or higher, will be considered for acceptance into the following Allied Health programs: Medical Record Science; Radiologic Technology; or Respiratory Therapy.

2. Health status must be adequate to insure successful performance of clinical activities.

APPLICATION PROCESS

A. Preprofessional Core Year

1. See University requirements for admission.

B. Professional Programs

1. All students must fill out and return to the particular program office (Medical Records, Radiologic Technology, or Respiratory Therapy) a "Special Programs Application for the Department of Allied Health Studies", or on before March 1 of the year in which they plan to attend the professional program.

2. Applicants will be notified of their status by April 25.

3. Applicants are required to have an interview during spring semester of the preprofessional year. Contact the Program Director for specific dates.

CORE CURRICULUM

All students who are considering entry into one of these Allied Health programs must have completed or be in the process of completing the following core curriculum. Core curriculum need not be taken at BSU.

PREPROFESSIONAL CORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology (111, 112)</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Chemistry (107, 109)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Chemistry (108, 110)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Math (111 or 115)</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Intro. to Allied Health*</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Area I Elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

17 18

*Students transferring from other institutions may take this course in their first year at BSU if a similar course has not been available at their previous college.

PROMOTION AND GRADUATION

A. Professional Programs

1. Students must maintain a GPA of at least 2.50 in professional courses for the first semester of the professional program. A GPA of less than the required may constitute removal from the program.

2. A grade of less than a "C" in any professional theory (numbered H, MR, RD, RT) or clinical unit must be repeated and raised to a "C" or higher before continuing the program.

MEDICAL RECORD SCIENCE

Medical Record Technicians are qualified to work in any health care agency where health records are prepared, analyzed, and preserved. Areas of concentration include classifying diseases and operations, analyzing records of discharged patients, compiling statistical information for administration and research, transcribing medical reports, and abstracting data for medical care evaluation studies. In addition, students receive training in medical record departments of area health facilities. Students are responsible for their own transportation from BSU to the clinical agencies.
The program offers an Associate of Science degree and is accredited by the American Medical Association Committee on Allied Health Education and Accreditation in collaboration with the American Medical Record Association.

Graduates of the program are eligible to write the national accreditation examination, and upon successful completion of this examination, are recognized as Accredited Record Technicians (ART).

Requirements for Admission, Application Process, Promotion and Graduation, see professional core year for Allied Health.

CURRICULUM
First year—Preprofessional Core, described at beginning of this section.

Before being accepted into the professional year of the Medical Record Technician program, applicants must demonstrate a typing speed of at least 45 words per minute.

PROFESSIONAL YEAR:

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Terminology (H 101)</td>
<td>3</td>
</tr>
<tr>
<td>Medical Records</td>
<td>3</td>
</tr>
<tr>
<td>Health Data</td>
<td>3</td>
</tr>
<tr>
<td>Disease and Operative Classification</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Disease Conditions (H 203)</td>
<td>3</td>
</tr>
<tr>
<td>Medical Records II</td>
<td>2</td>
</tr>
<tr>
<td>Legal Concepts for Health Practitioners (H 210)</td>
<td>2</td>
</tr>
<tr>
<td>Health Record Transcription</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Data Processing</td>
<td>3</td>
</tr>
</tbody>
</table>

After successful completion of the professional year at BSU, students will have a four week period of directed practice in one of several affiliated health facilities. (MR 215).

COURSES

MR MEDICAL RECORDS

201, 202 Medical Records I — 3 credit lecture (MR 201), 2 credit lab (MR 202), must be taken concurrently. Principles of medical record technology, including the preparation, analysis, presentation and retrieval of health information. The value of this information to the patient, the doctor, and the community will be stressed. Prerequisite: Preprofessional core year, or permission of instructor. Fall semester.

203, 204 Medical Records II — 3 credit lecture (MR 203), 2 credit lab (MR 204), must be taken concurrently. Medical records in a variety of health care facilities, release of information, medical staff organization, and requirements and survey procedures of licensing and accrediting agencies. Medicare law and other federal regulations will be presented. Students will be introduced to the basic principles of supervising and managing a medical record department. Prerequisite: MR 201, 202. Spring semester.

205 Health Data (3 credits). Collection and presentation of routine data for daily, monthly, and yearly hospital statistical reports. Statistical formulations, preparation of birth certificates, and abstracting information for computerized data processing systems will be included. Prerequisite: MR 201, 202, or concurrent enrollment. Fall semester.

213 Disease and Operative Classification (3 credits). Principles and practice in coding of diseases and operations according to International Classification of Diseases. Other systems of coding will be presented, as well as methods of indexing diagnoses and operations. Prerequisite: Concurrent enrollment in MR 201, 202 or permission of instructor. Fall semester.

215 Health Record Transcription (2 credits). Four hours per week of practice in the transcription of narratives, physical examinations, operations, and other medical reports. Accuracy of terminology and typing will be stressed. Prerequisite: H-101 and completion of typing requirement. Spring semester.

Clinical Practice (2 credits). During the summer following the second year, providing all other program requirements have been completed, the students will spend four weeks (160 hours) in medical record departments of affiliated health facilities demonstrating their proficiency in the various areas of medical record technology. Prerequisites: Completion of all other program requirements. Summer only.

H GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

RADIOLOGIC TECHNOLOGY

To determine the presence of injury or disease, radiologic technologists position patients and operate X-ray machines to produce diagnostic film (radiographs). Most technologists work in the radiology department of hospitals or with doctors who maintain private practices.

The Radiologic Technology program in the Department of Allied Health Studies offers a curriculum utilizing both university and clinical components. This type of integrated program is needed in order for the students to gain the essential knowledge and skills required to become radiologic technologists.

The program has been granted preliminary accreditation by the Council on Medical Education of the American Medical Association on the recommendation of the Joint Review Committee on Education in Radiologic Technology, whose sponsoring organizations are the American Society of Radiologic Technologists and the American College of Radiology. The curriculum will enable the student to complete the associate degree requirements and be eligible for the national certification examination. If desired, the student may continue on to the baccalaureate degree.

Requirements for Admission, Application Process, Promotion and Graduation. See preprofessional core year for Allied Health.

ASSOCIATE DEGREE CURRICULUM

BACCALAUREATE DEGREE CURRICULUM

Prerequisite for admission: Each student must have met and satisfactorily completed all requirements for the Associate Degree in Radiologic Technology at BSU; or have an Associate Degree in Radiologic Technology and/or related discipline from a comparable college/university program; or have permission from the program director.

SENIOR YEAR:

COURSES

RD RADIOLOGIC TECHNOLOGY

211 Clinical Practicum (1 credit). Laboratory to be taken concurrently with RD 222. Fall semester.

212 Clinical Practicum (1 credit). Laboratory to be taken concurrently with RD 242. Spring semester.
22 Radiographic Positioning (3 credits). This course will cover the basic concepts and techniques used in obtaining diagnostic radiographs. Areas of interest are the upper extremities, abdomen, chest, and routine radiographic contrast studies. Fall semester.

226 Radiographic Technique and Control (3 credits). This course is designed to introduce the student to the factors that can affect the diagnostic results on a radiograph. Topics discussed are X-ray film, darkroom chemistry, cassettes, and grids. Fall semester.

222 Introduction to Radiologic Science (3 credits). This course introduces the student to Radiologic Technology, its structure and chemistry. Other topics include medical legal ethics, basic radiation position, lifting and carrying procedures, and asepsis. Fall semester.

228 Introduction to Clinical Experience (1 credit). This course introduces the student to the hospital structure, the radiology department, and basic emergency procedures. Fall semester.

242 Radiographic Positioning (4 credits). The sequential course to RD 222. Course material directed to radiographic examination of contrast studies of the GI and GU systems, shoulder girdle, bony thorax, vertebral column, pelvis and hip. Spring semester.

252 Radiographic Technique and Control (3 credits). An in-depth analysis of detail, density, contrast, distortion, and how they affect radiographic quality. Also discussed are various types of exposure systems and quality control. Spring semester.

285 Radiologic Technology Clinical Practicum (4 credits, 240 hours). Supervised clinical hospital experience. The student must complete 75% minimum of recently taught radiographic exams and minimum 32 hours in darkroom and office procedures. Spring semester.

UPPER DIVISION

311 Clinical Practicum (1 credit). To be taken concurrently with RD 316.

315 Radiographic Positioning (4 credits). Concepts and techniques used for advanced positioning to include: cranium, sinuses, facial bones and temporal bone. Prerequisites: RD 222 and RD 242. Fall semester.

328 Radiographic Positioning (2 credits). An advanced positioning course emphasizing special radiographic views of specific anatomical areas. Special problems in positioning and devices that may improve positioning skills are discussed. Spring semester.

321 Clinical Practicum (1 credit). To be taken concurrently with RD 320. Spring semester.

336 Seminar in Radiologic Science (4 credits). Course covers material dealing with new and advanced procedures and equipment types evolving in radiology. Guest lecturers from the medical community, review of current literature in radiologic technology, and field trips to various local, state, and federal agencies. Spring semester.

350 Medical and Surgical Diseases (3 credits). This course is a general survey of various diseases and pathology of the human body as they pertain to radiology. Emphasis is placed on how this pathology is demonstrated on radiographs as well as its effect on radiographic quality. Fall semester.

360 Special Radiographic Procedures (4 credits). This course provides the basic fundamental concepts of the more specialized radiographic procedures. Emphasis will be placed on the radiological and vascular studies. Fall semester.

375 Radiologic Technology Clinical Experience (5 credits, 300 hours). Supervised clinical hospital experience. The student must complete 70% of recently taught radiographic exams plus 50% continued competency exam list. Summer semester.

385 Radiologic Technology Clinical Experience (6 credits, 360 hours). Supervised clinical hospital experience. The student must complete a minimum 40% of exams involving the skull, 40% exams in special procedures, and 50% continued competency exam list. Fall semester.

395 Radiologic Technology Clinical Experience (6 credits, 360 hours). Supervised clinical hospital experience. The student must complete 70% of recently taught radiographic exams plus 50% continued competency exam list. Falls semester.

398 Radiologic Technology Clinical Experience (6 credits, 360 hours). Supervised clinical hospital experience. Students will rotate through several minor affiliates and complete a minimum 20% of continued competency exam list. Summer semester.

400 Management of a Radiology Service (3 credits). This course deals with the set up and operation of a radiology department, the most efficient designs; sources available for equipment, and supplies, inventory control and general principles for effective operation of a department. Course includes applied clinical experience in area hospital. Fall semester. Prerequisite: upper division standing in Radiologic Technology.

415 Management of a Radiology Service (3 credits). Applied principles and techniques of management and supervision, includes departmental administration of records, equipment, and personnel. Fall semester. Prerequisite: upper division standing in Radiologic Technology.

422 Imaging Modalities in Radiology (3 credits). This course deals with the various imaging modalities in radiology today including thermography, Xeroradiography, ultrasound and nuclear medicine. General operative procedures will be covered along with economic impact and consideration for use of the various imaging modalities. Fall semester. Prerequisite: upper division standing in Radiologic Technology.

424 Implications of Medical Radiation (3 credits). This course deals with the various types of radiation used in medicine today and their physical, biological and economic implications. Spring semester. Prerequisite: upper division standing in Radiologic Technology.

456 Teaching Techniques in Radiologic Science (3 credits). This course introduces the student to basic teaching methodology with emphasis given to teaching in Allied Health. Fall semester.

488 Radiographic Quality Assurance (3 credits). This course provides the essential cognitive and mechanical skills required for conducting and managing a radiographic quality assurance program. Included will be demonstrations and performances with the RMI quality assurance kit. The principles and techniques of a daily photographic quality assurance will be introduced as well. Prerequisite: upper division standing in Radiologic Technology. Spring semester.

I GENERAL HEALTH SCIENCE courses are described in Community and Environmental Health Section.

RESPIRATORY THERAPY

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient's process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and evaluation techniques in respiratory care.

The Respiratory Therapy program at Boise State consists of a three-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of a pre-professional year followed by two years of professional study. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Respiratory Therapists, which is the professional designation.

Requirements for Admission, Application Process, Promotion and Graduation, see preprofessional core year for Allied Health. In addition, comprehensive examinations are given during the fall and spring semester of the last three semesters of the program covering all previous professional work. Students must demonstrate an effective level of competency on each of these evaluations in order to graduate from the program.

CURRICULUM

Preprofessional Core Year for Allied Health as described at the beginning of this section.

FIRST PROFESSIONAL YEAR:

<table>
<thead>
<tr>
<th>Course Name</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory I</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory II</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Respiratory Therapy Lab I</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Respiratory Therapy Lab II</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum II</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Clinical Practicum III</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Cardiopulmonary Physiology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Respiratory Therapy Nursing Arts</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>General Pathology</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Emergency Procedures in Respiratory Care</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Intro. to Biophysics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Microbiology</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

SUMMER

Elective Area I or II                            | 6        | 6        |

SECOND PROFESSIONAL YEAR:

<table>
<thead>
<tr>
<th>Course Name</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy Theory III</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Theory IV</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Respiratory Therapy Lab III</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Respiratory Therapy Lab IV</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Clinical Practicum III</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Clinical Practicum IV</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Radiologic Studies of the Respiratory System</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pulmonary Medicine II</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Respiratory Cardiology</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Professional Seminar</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Principles of Pharmacotherapeutics</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

COURSES

RT RESPIRATORY THERAPY

281 Respiratory Therapy Cardiopulmonary Physiology (4 credits). Study of the normal physiological functions of the pulmonary and circulatory systems. Prerequisite: admission to Respiratory Therapy Program or consent of instructor. Fall semester.
INTRODUCTION

Studies in this department will consider general aspects of human health which are determined by or are contingent on personal, social, and environmental conditions and interaction. The assessment of personal health status, the relationships between personal health and environmental conditions, the existing and future health care delivery systems are all important elements for consideration.

The Department of Community and Environmental Health presently offers a baccalaureate degree in Environmental Health. Environmental health specialists play an important role in the planning, development and execution of public and private programs to insure a healthful community. Specific activities may include assisting private and public enterprises in insuring sanitary conditions in food processing establishments, in recreational facilities, and in public and private water supplies. Other activities may include assisting communities in: properly disposing of solid wastes, controlling undesirable rodents and insect populations, minimizing air, water, and noise pollution, and controlling occupational hazards.

The environmental health curriculum provides a broad background in understanding public health problems and in working with people effectively to arrive at solutions to these problems. During the first two years students take general education courses. These may be taken at Boise State University or at other accredited colleges or universities, with transfer to BSU for the junior and senior years. Students must also spend 20 hours with environmental health agencies prior to beginning their upper level environmental health courses.

The Department of Community and Environmental Health is affiliated with local, state and federal health agencies throughout the State in order to provide field training.

MINIMUM REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

(Bachelor of Science)

A. General Requirements: (30 credits)

English Composition .......................................................... 6
Area I Electives ................................................................. 12
Psychology ......................................................................... 3
Sociology ........................................................................... 3
Speech .................................................................................. 3
Social Psychology or Urban Community .................................. 3

B. Professional Requirements: (57 credits)

College Chemistry ................................................................ 9
Organic Chemistry .............................................................. 5
Cell Biology .......................................................................... 5
Math .................................................................................... 10
General Physics ................................................................. 8
Bacteriology .......................................................................... 5
Botany/Zoology .................................................................... 9
Applied and Environmental Microbiology ......................... 4
Entomology ......................................................................... 4

Health Sciences: (24 credits)

Water Supply and Water Quality Management .................. 3
Air Quality Management ...................................................... 2
Community Environmental Health Management ................. 3
Public Health Administration ............................................. 2
Environmental Health Legislation ....................................... 3
Public Health Field Training ............................................. 4
Occupational Safety and Health ........................................ 3
Epidemiology ........................................................................ 3
Environmental Health Practicum ....................................... 1

Other: (3 credits)

Technical Writing ............................................................... 3

C. Suggested Electives: (14 credits)

Pathogenic Bacteriology ..................................................... 4
Physiology ........................................................................... 4
Principles of Economics ....................................................... 4
Bioecology ........................................................................... 4
Parasitology ......................................................................... 4
EMERGENT HEALTH (Suggested Program)  
BACHELOR OF SCIENCE

FRESHMAN YEAR:  

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
</tr>
<tr>
<td>Math</td>
<td>4</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:  

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany</td>
<td>4</td>
</tr>
<tr>
<td>Zoology</td>
<td>4</td>
</tr>
<tr>
<td>Health Science Requirements</td>
<td>5-6</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
</tr>
<tr>
<td>13-14</td>
<td>16-18</td>
</tr>
</tbody>
</table>

JUNIOR YEAR:  

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Org Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
</tr>
<tr>
<td>14-15</td>
<td>14-16</td>
</tr>
</tbody>
</table>

SUMMER BETWEEN JUNIOR AND SENIOR YEAR:  

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health Field Training</td>
</tr>
</tbody>
</table>

SENIOR YEAR:  

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>Applied and Environmental Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>Health Science Requirements</td>
<td>5-6</td>
</tr>
<tr>
<td>Social Psychology, or Urban Community</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td>14-15</td>
<td>14-16</td>
</tr>
</tbody>
</table>

COURSES

EH ENVIRONMENTAL HEALTH  

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>169 Environmental Health Practicum (1 credit)</td>
<td>3</td>
</tr>
<tr>
<td>310 Water Supply and Water Quality Management (3 credits)</td>
<td>3</td>
</tr>
<tr>
<td>320 Community Environmental Health Management (3 credits)</td>
<td>3</td>
</tr>
<tr>
<td>350 Public Health Field Training (4 credits)</td>
<td>4</td>
</tr>
<tr>
<td>380 Air Quality Management (2 credits)</td>
<td>2</td>
</tr>
</tbody>
</table>

SCHOOL OF HEALTH SCIENCES  

150 Occupational Safety and Health (3 credits)                          | 3       |

165 Environmental Health Practicum (1 credit): Field observations in public health agencies. Requires a minimum 20 hours in the field and periodic seminars with a university instructor. Required for all environmental health majors. Each semester.

310 Water Supply and Water Quality Management (3 credits): Engineering, biological and management principles of community water supply and water pollution control. Two lectures and one three-hour laboratory per week. Prerequisites: Botany, Zoology, Chemistry, one year mathematics, and upper division standing. Fall semester in even numbered years.

320 Community Environmental Health Management (3 credits): Sanitation and management practices for community problems dealing with solid waste disposal, vector control, food and milk protection, swimming pools, and recreation activities. Two lectures and one three-hour laboratory per week. Prerequisites: Botany, Zoology, Chemistry, one year mathematics, and upper division standing. Fall semester in odd numbered years.

350 Public Health Field Training (4 credits): Two intensive weeks of field study of public health problems, codes, compliance, regulations, inspections, and agency implementation procedures. Students also required to conduct detailed field project. Prerequisite: 6 credits in environmental health courses. Summer semester.

380 Air Quality Management (2 credits): Chemical, engineering and management principles of community and industrial air quality control. Prerequisites: Organic Chemistry or concurrent enrollment. Fall semester in odd numbered years.
INTRODUCTION

The Boise State University Department of Nursing operates as an integral unit of the total University. Students enrolled in Nursing attend classes and socialize with students in various other fields of study on campus.

The Department conducts a two-year, lower-division curriculum leading to an Associate of Science in Nursing degree. This program prepares students to write the State Board Test Pool Examination for initial licensure as a Registered Nurse. The Department also offers a two-year upper-division curriculum for R.N.'s to continue academic study and to obtain a Bachelor of Science in Nursing degree.

PHILOSOPHY

The current system of health care delivery requires Associate as well as Baccalaureate degree prepared practitioners of Nursing. Each of these two groups contributes to meeting the nursing and health care needs of man. The Associate degree prepared nurse functions primarily in a dependent role while the Baccalaureate prepared nurse functions primarily in an independent role. Both levels of nursing personnel function as interdependent members of the health care team.

It is recognized that a number of graduates from Diploma and Associate degree programs in Nursing do change career goals. Therefore, a Baccalaureate level education program in Nursing should encompass the knowledge and skills essential for Baccalaureate level nursing practice.

LOWER-DIVISION ASSOCIATE DEGREE

DESCRIPTION

This program prepares individuals to function at a beginning level in giving care to patients. Nursing courses include theory and clinical laboratory experiences, primarily in hospitals and other acute care settings. In the clinical component of each nursing course, one credit hour represents three to four hours of clinical and/or campus laboratory time. During the Freshman year, there is an average weekly number of nine clinical practice hours. During the Sophomore year, twelve to sixteen hours per week, which may be scheduled days, afternoons, or evenings, between 7:00 a.m. and 11:00 p.m., is typical.

The standard for advancement in the program is a 2.75 G.P.A. or above as well as a minimum grade of C in all required general education and Nursing courses. Theory courses in Nursing and required general education may be repeated only once. Clinical courses in Nursing may be repeated.

The program is accredited by the Idaho Board of Nursing and the National League for Nursing. A graduate is eligible to write the State Board Examination for licensure as a Registered Nurse (R.N.).
All applicants admitted to the Nursing program are required to:

1. Submit a statement from a physician that the applicant possesses the mental and physical health to meet the requirements of being an active and successful student in the program as well as for being employed in the practice of nursing following graduation.
2. Submit a chest x-ray to the Associate degree Nursing program by July 15 of the year in which they plan to enter the program.
3. Submit $75.00 as prepayment for student name pin, malpractice insurance, and standardized National League for Nursing examinations which are required of all students throughout the program. This is a one-time only charge upon admission to the program.

APPLICATION PROCESS

1. Make application for admission to Boise State University and the Department of Nursing, Associate of Science in Nursing degree program. Both application forms are available from the Administration Building, Room 101.
2. Submit an official High School transcript or G.E.D. test score, A.C.T. or S.A.T. scores, and official transcripts of all previous college work. L.P.N. 's must also submit evidence of previous education as well as current licensure. These must be received by the Admission Office prior to March 1 preceding the Fall in which enrollment is planned.
3. Complete all application requirements during the period of September 1 to March 1 prior to the date of anticipated enrollment in Nursing courses.
4. Late applications will be accepted only if space is still available in the Nursing program.

CURRICULUM

A. General Education Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition (E 101-102)</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry (C 107-108)</td>
<td>4</td>
</tr>
<tr>
<td>Anatomy and Physiology (Z 111-112)</td>
<td>8</td>
</tr>
<tr>
<td>General Psychology (P 101)</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition (HE 207)</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology (B 205)</td>
<td>4</td>
</tr>
<tr>
<td>Sociology (SO 101)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>

B. Nursing Major

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Health Needs</td>
<td>12</td>
</tr>
<tr>
<td>N 140-141 (3 credits)</td>
<td></td>
</tr>
<tr>
<td>N 150-151 (3 credits)</td>
<td></td>
</tr>
<tr>
<td>N 160-161 (3 credits)</td>
<td></td>
</tr>
<tr>
<td>N 170-171 (3 credits)</td>
<td></td>
</tr>
<tr>
<td>Deviations from Basic Health Needs</td>
<td>16</td>
</tr>
<tr>
<td>N 220-221 (4 credits)</td>
<td></td>
</tr>
<tr>
<td>N 230-231 (4 credits)</td>
<td></td>
</tr>
<tr>
<td>N 240-241 (4 credits)</td>
<td></td>
</tr>
<tr>
<td>N 250-251 (4 credits)</td>
<td></td>
</tr>
<tr>
<td>Nursing Seminar</td>
<td>2</td>
</tr>
<tr>
<td>N 280-290 (2 credits)</td>
<td></td>
</tr>
<tr>
<td>Nursing Practicum*</td>
<td>2</td>
</tr>
<tr>
<td>N 291 (2 credits)</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

*recommended but not required

SAMPLE PROGRAM FOR A FULL-TIME NURSING STUDENT

FRESHMAN YEAR

1ST SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry (C 107-108)</td>
<td>4</td>
</tr>
<tr>
<td>Nutrition HE 207</td>
<td>3</td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology (Z 111)</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>

2ND SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Health Needs</td>
<td>3</td>
</tr>
<tr>
<td>N 150-151 or N 160-161 or N 170-171</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3</strong></td>
</tr>
</tbody>
</table>

SCHOOL OF HEALTH SCIENCES

**COURSES**

**Nursing**

114 "Orientation to Associate Degree Nursing for Advanced Placement Students" (1 credit). Designed as a part of the advanced placement program enabling students who successfully pass the required challenge exams to receive credit for two semesters of Nursing on the basis of previous nursing education and experience. Introduces students to the nursing process as the component for nursing care planning. Assists in understanding roles in nursing and in initiating role changes necessary for working at a different level. Prerequisite for admission to advanced placement in Sophomore Nursing courses. Fall semester only.

140-141 "Introduction to Basic Health Needs" (2 credit lecture, 1 credit lab) 8 week unit. Introduces nursing process and seven basic health needs for oxygen, nutrition, elimination, activity, mental health, safety, and comfort, as a basis for providing nursing care. Opportunity is provided to develop beginning skills. Prerequisite: Admission to the Nursing major. Fall semester only.

150-151, 160-161, 170-171 "Basic Health Needs" (2 credit lecture, 1 credit lab) 8 week unit. Nursing process is utilized to meet basic health needs as related to health care of persons of all ages in hospitals and health agencies. Opportunity is provided to develop skills in providing nursing care. Prerequisite: N 140-141. May be taken in any sequence, both semesters.

220-221 "Deviations from Basic Health-related to Mental Health" (2 credit lecture, 2 credit lab) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on mental health—mental illness considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in a mental health unit and other acute care settings. Prerequisites: Required general education and Sophomore standing in Nursing program. Offered both semesters, although Fall semester is recommended.

230-231 "Deviations from Basic Health-related to Oxygen" (2 credit lecture, 2 credit lab) 8 week unit. Utilizes nursing process to present deviations from basic health with emphasis on oxygen needs for persons of all ages. The student has the opportunity to develop skills in the hospitals' medical-surgical areas with specific reference to psychophysiological assessment and nursing care planning for patients with oxygen deficiency. Prerequisites: Required general education and Sophomore standing in Nursing program. Offered both semesters.
The current demand for improved health care requires the professional nurse to think critically and possess the capacity to think critically as a basis for selection, implementation and evaluation of strategies to meet health care needs of all ages. The student has the opportunity to develop skills in the nursing care of patients in the pediatric and medical-surgical areas. Prerequisites: Required general education and Sophomore standing in Nursing program. Offered both semesters.

250-251 "Deviations from Basic Health—related to Activity" (2 credit lecture, 2 credit lab) 6 week unit. Utilizes nursing process to present deviations from basic health with emphasis on the basic need for nutrition and elimination considering persons of all ages. The student has the opportunity to develop skills in the nursing care of patients in the pediatric and medical-surgical areas. Prerequisites: Required general education and Sophomore standing in Nursing program. Offered both semesters.

250-252 "Nursing Seminar" (1 credit per semester). Philosophy of health care and the role of the graduate as a Registered Nurse. Ethical and legal implications and other factors affecting nursing practice are discussed. Prerequisites: Required general education and Sophomore standing in the Nursing program. N 260 offered Fall semester only; N 290 offered Spring semester only.

UPPER-DIVISION

BACCALAUREATE DEGREE

Description

This program has two major purposes:

1. To enable registered nurses to earn the baccalaureate degree with a major in nursing;
2. To provide the base for graduate study in nursing.

Admission to this program is limited to registered nurses graduated from associate degree or diploma schools of nursing who meet admission requirements.

Graduates are awarded the Bachelor of Science in Nursing degree and will be prepared for independent, collaborative and leadership responsibilities in the delivery of health care services. All graduates of this program are prepared for first-level positions in community health nursing. The B.S.N. program is approved by the Idaho State Board of Nursing.

The faculty are currently preparing the program for national accreditation by the National League for Nursing. The site visit is scheduled for Fall, 1980.

Philosophy of the BSN Program

Professional nursing education includes both general education and nursing components. General education components provide knowledge of the humanities, social and physical sciences. The curriculum focuses on dynamic states of health as well as illness of individual, family and community. This knowledge base assists the nurse in identifying and understanding health status of individual, family and community and in designing effective coping with changes in that status. Further, the professional nursing curriculum promotes refinement and development of nursing practice through utilization and evaluation of nursing research, as well as by employment of theoretical and empirical knowledge derived from general education. This curriculum facilitates the development of collegiality, collaboration and consumer advocacy.

Professional nursing emphasizes the promotion and restoration of health and the prevention of illness through utilization of the nursing process. This process includes activities of assessment, planning, intervention and evaluation in health care delivery. In applying nursing process, the professional nurse demonstrates the art of clinical judgment—that capacity to think critically as a basis for selection, implementation and evaluation of strategies to meet health care needs of individuals, family and community. The professional nurse is prepared to provide health care services ranging from simple to complex for individuals, families and groups of all ages and in a wide variety of settings. The professional nurse understands the dynamics of small and large groups and utilizes communication skills which facilitate effective functioning.

The current demand for improved health care requires the professionally-prepared nurse. This individual must be able to: (1) accept responsibility and accountability for his/her own actions; (2) critically analyze and respond to emerging scientific and humanistic advances in knowledge and the potential for implementation in the health care delivery system; and (3) participate in identifying health care trends, predicting health care needs in a changing society, and in developing new nursing roles and strategies for meeting those needs.

Pre-Entrance Advisement

Potential applicants should contact the program office to obtain advisement as far in advance of their application date as is possible. Revision of admission qualifications or application procedures, as well as year-to-year variations in the scheduling of courses, will have implications for the potential student's academic plans. By establishing early contact with the program advisors, the potential student will be kept advised of such changes so that the student is able to plan more effectively to ensure his/her eligibility for admission by the date which he/she desires.

The potential student must take the initiative for contacting a program advisor. This is best done immediately following the initial request to the Admissions Office for information about the program. During the time when the student is attempting to qualify for admission, the program advisor will provide academic assistance. Candidates for admission who fail to utilize this service or who apply too late to receive pre-entrance advisement, run the risk of discovering that they have not completely qualified for admission by the date which they have chosen.

Admission, Application and Enrollment

To qualify for admission, applicants must:

1. Possess current license as a registered nurse and secure Idaho licensure prior to enrollment in upper-division nursing courses.
2. Have maintained a GPA of 2.75 or better in 36-40 semester credits in general education courses, including the following:
   a. 3 or 6 credits—English composition (at BSU E101 and/or E102).
   b. 3 credits each—microbiology and nutrition (at BSU B205 and H. Ec. 207).
   c. 6 credits behavioral science (Area II) — must be introductory courses in psychology and sociology (at BSU P 101 and So101).
   d. 6 credits in humanities (Area I) courses.
   e. 8 credits in chemistry (MUST include inorganic (or general) and organic chemistry; biochemistry also recommended).
   (At BSU C107-108 and C109-110).
   f. 8 credits in human anatomy and physiology (at BSU Z 111-112).
3. Have passed the required theoretical and clinical nursing tests.*

To apply for admission, the applicant must:

1. Request from the Admissions Office an application to the university (if not previously admitted) and the special application form for the baccalaureate nursing program.
2. Have completed the following actions by March 1, preceding the Fall semester in which enrollment in upper-division nursing courses is planned:
   a. Returned completed application forms to the Admissions Office.
   b. Submitted transcripts from all institutions of higher education which candidate has attended. It may take 6-8 weeks for transcripts to be processed and mailed, so adequate time should be allowed. Graduates of diploma schools of nursing who took college courses in conjunction with their nursing program must submit transcript(s) from college(s) in question. The nursing school transcript, even though it lists such courses, can not be used as an official record of course(s) completed in institutions of higher education.
   c. Have taken, or applied to take, the required nursing tests as described under Item 3, Qualification for Admission.
   d. Submitted a nursing school transcript, if a graduate of a diploma school of nursing.

*Information on these tests is available from the Baccalaureate Program Office.
To qualify for enrollment, the candidate must:

1. Return the form indicating intent to enroll. This form is sent to the candidate when he/she is notified of acceptance, in late April or early May. Failure to complete and return the form by the required date will result in removal of the candidate's name from the listing of students to be admitted that Fall.

2. Arrange to attend an orientation session usually lasting half a day and scheduled immediately prior to registration for the Fall semester. Accepted students will be notified regarding the time and place of this meeting. The Baccalaureate Program Student Handbook will be distributed at this meeting.

3. Secure malpractice insurance so that insurance is in force prior to enrollment in any nursing courses with a clinical practicum.
   a. For full-time students, this insurance will be needed at the beginning of the Spring semester and thereafter, throughout the program.
   b. For students who plan to complete the junior year on a part-time basis, this insurance will not be needed until the Spring semester of the second year of enrollment and thereafter, throughout the program.

Failure to have the necessary insurance in force at the time it is required, will render the student ineligible to enroll in any nursing course with a clinical practicum. This will almost certainly result in delaying anticipated graduation. Information concerning sources of malpractice insurance will be provided at the orientation meeting held immediately prior to registration for the Fall semester.

4. Have completed all requirements for admission prior to entering the first semester of the nursing program in the Fall. This regulation applies to candidates who are given conditional admission, pending completion of requirements.

General information regarding admission, application and enrollment:

1. Candidates should apply by the March 1 deadline even if they have course work to complete prior to their anticipated enrollment in the Fall semester of that year. If it appears that they will have completed requirements in time for Fall enrollment, then a conditional admission will be granted, pending completion of requirements by the time of anticipated enrollment.

2. Late applications will be accepted if vacancies still exist in the class to be admitted. Such applications will be considered in the order in which they are received by the director of the baccalaureate nursing program.

3. Enrollment is regulated, according to available faculty, clinical facilities and other resources. If more fully qualified candidates have applied by March 1 than can be admitted, those candidates will be ranked according to the GPA and admission will be granted in order to those with the higher GPAs. Remaining fully qualified applicants will be placed on a waiting list. As vacancies occur in the list of admitted students, the next candidate on the waiting list will be granted admission. Conditionally qualified applicants will be considered for admission only after all candidates who are fully qualified by March 1 have been admitted.

4. Candidates are not required to have had a specified period of work experience; however, they are strongly advised to have had one year of nursing practice within the two year period immediately preceding anticipated enrollment in the baccalaureate nursing program. General staff nursing practice is recommended for those who have recently obtained licensure or who have not been actively engaged in nursing during the two years immediately preceding anticipated enrollment.

5. Students are expected to provide their own transportation to clinical agencies when enrolled in a nursing course with a clinical practicum. For full-time students, this will begin in the spring of the junior year and continue throughout the remainder of the program. For students who take the junior year on a part-time basis, this will begin in the second spring semester of enrollment in the nursing program and continue throughout the remainder of the program.
should be able to complete the program in two years. Students who attend part time throughout their entire program should complete the nursing curriculum in four academic years and the sequence given for nursing courses must be followed. Students who wish to attend full time for one year and part time for two years must follow the required sequence for the level of courses taken on a part-time basis.

Program—Full-Time Student

<table>
<thead>
<tr>
<th>YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUNIOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 302 Professional Nursing I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 308 Professional Interactions</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 309 Practicum: Professional Interactions</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 360 Health-Illness I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 361 Practicum: Health-Illness I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>H 300 Pathophysiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>SO 340 Sociology of the Family</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>N 328 Family and Group Interactions</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 329 Practicum: Family/Group Interactions</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 362 Health-Illness II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 363 Practicum: Health-Illness II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 390 Nursing Research</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 391 Practicum: Nursing Research</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>H 306 Applied Pharmacotherapeutics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I—Humanities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>SECOND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 406 Families and Groups under Stress</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 409 Practicum: Family and Groups under Stress</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 410 Nursing in Community Health</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 411 Practicum: Nursing in Community Health</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 430 Health-Illness III</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 431 Practicum: Health-Illness III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I—Humanities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area III—Elective</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 402 Professional Nursing II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 432 Health-Illness IV (1st 8 weeks)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 433 Practicum: Health-Illness IV (1st 8 weeks)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 435 Practicum: Health-Illness V (2nd 8 weeks)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area II/III—Elective</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Area II—Elective (not psychology or sociology)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>13</td>
</tr>
</tbody>
</table>

Program—Part-Time Student

<table>
<thead>
<tr>
<th>YEAR</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 302 Professional Nursing I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>H 300 Pathophysiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>SO 340 Sociology of the Family</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>N 390 Nursing Research</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 391 Practicum: Nursing Research</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>H 306 Applied Pharmacotherapeutics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I—Humanities</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>SECOND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N 308 Professional Interactions</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 309 Practicum: Professional Interactions</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 360 Health-Illness I</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 361 Practicum: Health-Illness I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>N 328 Family and Group Interactions</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 329 Practicum: Family/Group Interactions</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 362 Health-Illness II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 363 Practicum: Health-Illness II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Area III—Elective</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

THIRD YEAR

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 408 Families and Groups under Stress</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 409 Practicum: Families/Groups under Stress</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 410 Nursing in Community Health</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 411 Practicum: Nursing in Community Health</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Area I/III—Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area II—Elective (not psychology or sociology)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Independent Study (if desired)</td>
<td>7</td>
<td>6</td>
</tr>
</tbody>
</table>

FOURTH YEAR

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 430 Health-Illness III</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 431 Practicum: Health-Illness III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Area I/II/III—Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>N 402 Professional Nursing II</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>N 432 Health-Illness IV (1st 8 weeks)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 433 Practicum: Health-Illness IV (1st 8 weeks)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>N 435 Practicum: Health-Illness V (2nd 8 weeks)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

COURSES

N NURSING

JUNIOR YEAR

392 Professional Nursing (1 credit). Theoretical and historical perspectives in nursing as well as roles and responsibilities of the professional nurse today. Conceptual foundations of professional nursing exploration. Identification of individual professional goals. Prerequisite: Admission to baccalaureate nursing program. Fall semester.

308 Professional Interactions (2 credits). Theoretical base for communication in professional nursing practice, emphasizing assertiveness, therapeutic communication, group process and leadership in groups. Prerequisite or concurrent enrollment in N 308. To be taken concurrently with N 309 and N 309-310. Fall semester.

309 Practicum: Professional Interactions (1 credit). To be taken concurrently with N 308.

326 Family and Group Interactions (2 credits). Theoretical base for application of nursing process to promote optimal health for individuals and families in community settings. Focus on use of communication base in situational and maturational family crises. Prerequisite: N 302, N 308-309, N 306-308. Prerequisite or concurrent enrollment in N 309-310. To be taken concurrently with N 326 and N 326-326. Spring semester.

329 Practicum: Family and Group Interactions (2 credits). To be taken concurrently with N 326.

388 Health-Illness I (2 credits). Theoretical base for nursing practice drawn from developmental, systems, stress-adaptation and high-level wellness theories. Overall perspective on biopsychosocial adaptation by individuals throughout major phases of the life cycle, with focus on assessment of the individual's health status and potential. Prerequisite or concurrent enrollment in H 300 and N 310. To be taken concurrently with N 388 and N 388-388. Fall semester.

361 Practicum: Health-Illness I (3 credits). To be taken concurrently with N 388.


363 Practicum: Health-Illness II (2 credits). To be taken concurrently with N 362.

390 Nursing Research (2 credits). Introduction to research concepts, research process and selected approaches to health care research. Practice in defining researchable problems, processing qualitative data, and evaluating research reports for application of findings to nursing practice. Prerequisite: N 362. To be taken concurrently with N 390. Spring semester.

391 Practicum: Nursing Research (1 credit). To be taken concurrently with N 390.

SENIOR YEAR

402 Professional Nursing II (2 credits). Leadership role of professional nurse in improvement of health care services and advancement of the nursing profession. Emphasis on emerging nursing roles and issues and trends which affect nursing. Examination of individual goals relevant to professional commitments. Prerequisites: N 408-409, N 410-411, and N 430-430. To be taken concurrently with N 430-430 and N 432-432. Spring semester.

408 Families and Groups Under Stress (2 credits). Theoretical base for application of nursing process to facilitate adaptation of individuals, families, and groups to complex mental health and psychiatric problems. Emphasis on therapeutic communication. Prerequisites: Completion of all 300 level nursing courses and H 300, H 306, and So 340. To be taken concurrently with N 409 and N 410-411. Fall semester.
409 Practicum: Families and Groups Under Stress (1 credit). To be taken concurrently with N 408.

410 Nursing in the Community (2 credits). Theoretical and historical perspectives on community problems in relationship to professional nurse roles. Application of nursing process in assessing communities to identify needs as a basis for planned improved health care services. To be taken concurrently with N 411 and N 408-409. Fall semester.

411 Practicum: Nursing in the Community (2 credits). To be taken concurrently with N 410.

433 Health-Illness III (2 credits). Application of theoretical base for nursing practice to individuals of all ages and families in order to facilitate their adaptation to life-threatening illnesses/troubles. Continuing use of nursing process with emphasis on implementation and evaluation of care. Prerequisite or concurrent enrollment in N 408-409 and N 410-411. To be taken concurrently with N 431. Fall semester.

431 Practicum: Health-Illness III (3 credits). To be taken concurrently with N 430.

432 Health-Illness IV (1 credit). Application of theoretical base for nursing practice to care of individuals of all ages and families in order to facilitate their adaptation to chronic illness. Continuing use of nursing process with emphasis on implementation and evaluation of care. Prerequisites: N 408-409, N 410-411, and N 430-431. To be taken concurrently with N 402, N 432, and N 433. Spring semester (first 8 weeks).

433 Practicum: Health-Illness IV (1 credit). To be taken concurrently with N 432.

435 Practicum: Health-Illness V (3 credits). Student will contract for a specific leadership and clinical experience which builds upon knowledge and skills gained from previous nursing courses. Prerequisites: N 408-409, N 410-411, and N 430-431. To be taken concurrently with N 402, and N 432-433. Spring semester (second 8 weeks).

DEPARTMENT OF PREPROFESSIONAL STUDIES

INTRODUCTION

The Preprofessional Studies Department has responsibility to those students who intend to apply to a professional school in one of the health sciences, particularly those who have declared a major in: pre-medicine, pre-dentistry, pre-dental hygiene, pre-physician, pre-veterinary medicine, etc.

In view of the specialized nature of each program, each student should seek regular counsel from the advisor who has been designated for his or her major field of interest. A handbook for preprofessional students is available from the advisors and should also be referred to.

Students who will be applying to professional schools should be aware of deadlines established by the professional schools and testing organizations for submitting application materials and taking admissions examinations. Medical College Admission Testing, Dental Admission Testing, Dental Hygiene Aptitude Testing, Pharmacy College Admission Testing, and the Graduate Record Examination for veterinary medicine schools must be taken at specific times. These examinations may or may not be administered on BSU campus. Deadlines change from year to year. The student is responsible for ascertaining from the appropriate advisor the specific deadlines and fees which pertain to the application process and admission testing for the particular program.

CLINICAL

In addition to their academic course work the Preprofessional Studies students have opportunities and are encouraged to work and observe at first hand the practice and delivery of health care in a clinical environment.

PREPROFESSIONAL INTERNSHIP

Selected students in their third or fourth year may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, veterinarian, etc. Prerequisites: Upper division standing; cumulative G.P.A. above 3.25; recommendation of faculty advisor; completion of the dean. See course H-493 described in the Community and Environmental Health section.

HOSPITAL LEARNING—VOLUNTEERS

Students may be identified as special volunteers. The hospital will endeavor to rotate each volunteer through various departments of the hospital in which they will perform their volunteer service. These students must be majors in the School of Health Sciences and be certified to the hospital by the Dean.

PRE-MEDICAL AND PRE-DENTAL STUDIES

Pre-medical Advisors: Dr. H. K. Fritchman, Dr. Richard C. Banks

Pre-dental Advisor: Dr. Charles W. Baker

REQUIREMENTS

I. Biology Option

1. General University and Baccalaureate

   Degree Requirements to include: English Composition, General Psychology, Zoology, Botany, Cell Biology, General Bacteriology, Comparative Anatomy, Vertebrate Embryology, Physiological Z 401 or Z 409, Genetics, with or without lab, Vertebrate Histology, Chemistry Requirements, College Chemistry, Organic Chemistry, Biochemistry, with or without lab.

2. Biology Requirements

   2.1. General University and Baccalaureate

   2.2. Biology Requirements

   2.3. Chemistry Requirements

   2.4. Physics and Mathematics

   2.5. Electives

   Total for Categories 1-4 above: 103-108

II. Chemistry Option

1. General University and Baccalaureate

   Degree Requirements to include: English Composition, General Psychology.

2. Biology Requirements

   2.1. General University and Baccalaureate

   2.2. Biology Requirements

   2.3. Chemistry Requirements

   2.4. Physics and Mathematics

   2.5. Electives

   Total for Categories 1-4 above: 117-120

III. Electives

### BIOLOGY OPTION

**Suggested Programs**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FRESHMAN YEAR:</strong></td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Math 111-204</td>
<td>5</td>
</tr>
<tr>
<td>Area II Courses</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SOPHOMORE YEAR:</strong></td>
<td></td>
</tr>
<tr>
<td>Botany</td>
<td>4</td>
</tr>
<tr>
<td>Zoology</td>
<td>-</td>
</tr>
</tbody>
</table>
SCHOOL OF HEALTH SCIENCES

Organic Chemistry ........................................ 5 3-5
General Psychology ........................................ 3 —
Area I Courses and Electives ............................. 3 6-9
15 16-19

JUNIOR YEAR:
Cell Biology .................................................. 3 —
Comparative Anatomy ...................................... 4 —
Genetics, with or without lab ............................ 3-4
Vertebrate Embryology .................................. 3 1
Biochemistry, with or without lab ...................... 4 4
General Physics .............................................. 4 4
Area III Courses .............................................. 5
14 17-18

SENIOR YEAR:
General Bacteriology ..................................... 5 —
Vertebrate Histology ...................................... 4 —
Physiology Z 401 or Z 409 ............................... 4 —
Area II Electives ............................................ 3 —
Area I Course .................................................. 3
Electives ....................................................... 3-5 9
15-17 16

CHEMISTRY OPTION

FRESHMAN YEAR:
English Composition .................................... 3 3
College Chemistry .......................................... 5 5
Mathematics 111-204 ..................................... 2 2
Area II Courses .............................................. 3 3
15 16

SOPHOMORE YEAR:
Biology ....................................................... 4 5
Zoology .......................................................... 5
Organic Chemistry ......................................... 5 5
Math 205-206 ................................................. 4 4
Area I Courses ................................................. 3 3
16 17

JUNIOR YEAR:
Cell Biology .................................................. 3 —
Comparative Anatomy ...................................... 4 —
General Physics ............................................. 4 4
Genetics, with or without lab ............................ 3-4
Bio- or Analytical Chemistry, with lab ............... 3-5 1
Area I Courses ................................................. 3 3
13-15 15-16

SENIOR YEAR:
Physical Chemistry ........................................ 4 4
Instrumental Analysis ..................................... 4 —
Chemistry Independent Study ............................. 1 1
General Psychology ........................................ 3 —
Chemistry Seminar ......................................... 1 1
Area II Courses ................................................. 3
Electives ....................................................... 4-5
16 13-14

PRE-DENTAL HYGIENE

Advisor: Duane Akroyd

This curriculum is designed for students interested in a professional career in dental hygiene. The curriculum leads to a Bachelor of Science degree in Dental Hygiene. The suggested program outlined here is based upon an articulation agreement between Boise State University and Idaho State University whereby students may take the first two years of the curriculum at BSU and upon satisfactory completion of that academic work transfer to ISU to complete the professional courses. Students who plan to enroll are advised to see the Pre-Dental Hygiene advisor and pattern their curriculum at BSU after that of the specific school to which they expect to transfer.

FRESHMAN YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 107, 109</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry 108, 110</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Math</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Allied Health</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
<td>15</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR:

<table>
<thead>
<tr>
<th>Course</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech 111</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Zoology 130</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Microbiology 205</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Area I</td>
<td>—</td>
<td>9</td>
</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
<td>12</td>
</tr>
</tbody>
</table>

PRE-OPTOMETRIC

Advisor: Conrad Colby

Science courses should be pre-professional courses designed for science majors which offer laboratory experience. Brief survey courses in the sciences will not prepare a student for the schools and colleges of optometry.

All of the schools and colleges require additional courses for admittance, but each optometry school has its own set of requirements. The student should write to the optometry school of his or her choice for a list of specific courses.

Although a minimum of two years of preoptometric study is required, most students accepted by a school or college of optometry have completed three years in an undergraduate college. A large percentage of students accepted by the schools and colleges of optometry have earned a bachelor's degree.

The requirements for admission to the schools and colleges of optometry vary. However, all optometric schools and colleges require at least two years of preoptometric study which should include:

CURRICULUM

<table>
<thead>
<tr>
<th>Course</th>
<th>1 or 2 semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Biology or Zoology</td>
<td>1 or 2 semesters</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>2 semesters</td>
</tr>
<tr>
<td>General Physics</td>
<td>1 to 2 semesters</td>
</tr>
<tr>
<td>English</td>
<td>1 to 2 semesters</td>
</tr>
<tr>
<td>College Mathematics</td>
<td>2 semesters</td>
</tr>
</tbody>
</table>

Additional courses that may be needed for the preoptometric program are:

- Psychology
- Social Science
- Philosophy
- Literature
- Organic Chemistry
- Microbiology
- Bacteriology
- Comparative Anatomy
- Physiology
- Statistics
- Algebra and Trigonometry
- Analytic Geometry
- Differential Calculus
- Integral Calculus

PRE-PHARMACY

Advisor: Dr. Robert A. Hibbs

BSU students who wish to receive a bachelor of science in Pharmacy usually plan to take their preprofessional courses at BSU and then transfer to the College of Pharmacy at Idaho State University, Pocatello. The pharmacy program consists of two years of preparatory studies followed by three years in the college of pharmacy. The curriculum outlined below is based upon the re-
Students who intend to apply to pharmacy schools other than ISU are advised to consult the Pre-Pharmacy Advisor and pattern their curriculum after that of the school to which they expect to transfer.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 131-133</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Lab 132-134</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>English 101-102</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Math 111</td>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>Math 204</td>
<td>—</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>3-4</td>
<td>3-4</td>
</tr>
<tr>
<td>15-16</td>
<td>16-17</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zoology 130</td>
<td>4</td>
<td>—</td>
</tr>
<tr>
<td>Cell Biology 225</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Organic Chemistry 317-318</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Organic Chemistry Lab 319-320</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Microbiology 205</td>
<td>—</td>
<td>4</td>
</tr>
<tr>
<td>Physics 101-102</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>3-4</td>
<td>—</td>
</tr>
<tr>
<td>16-17</td>
<td>16-17</td>
<td></td>
</tr>
</tbody>
</table>

When possible it is desirable to take M 204 the first semester and add General Botany 130 and 130L the second semester of the Freshman year.

Quantitative Analysis C211-212 can also be taken as a preprofessional course.

**PRE-PHYSICAL THERAPY**

*Advisor: Duane Akroyd*

(Suggested Curriculum)

This curriculum is designed for students interested in a professional career in physical therapy.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR:</th>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Math 111</td>
<td>5</td>
<td>—</td>
</tr>
<tr>
<td>Psychology</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Lecture (131)</td>
<td>3</td>
<td>—</td>
</tr>
<tr>
<td>Chemistry Lab (132)</td>
<td>—</td>
<td>1</td>
</tr>
<tr>
<td>Area I or II Elective</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Lecture (133)</td>
<td>—</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Lab (134)</td>
<td>—</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

Before the freshman year is finished, the student should see the Physical Therapy advisor to pattern the sophomore year according to the requirements of the school he/she is planning to attend.

**PRE-VETERINARY MEDICINE**

*Advisor: Dr. Russell Centanni*

A shared curriculum agreement exists between the Washington State University School of Veterinary Medicine and the State of Idaho under which a number of Idaho residents each year are guaranteed admission to the WSU School of Veterinary Medicine. For those Idaho residents planning to pursue a pre-veterinary medicine curriculum, it is important that the entrance requirements for Washington State University be satisfied during undergraduate work. The student majoring in pre-veterinary medicine should seek regular counseling from the pre-veterinary academic advisor.

In addition to the typical curriculum, as outlined below, the student must maintain a minimum grade point average of 3.00; submit scores from the general aptitude section of the Graduate Record Examination by October of the year preceding the year in which the student hopes to enter the WSU School of Veterinary Medicine; and must record a minimum of 300 hours of veterinary medical exposure while employed by or doing volunteer work for a graduate veterinarian.

**REQUIREMENTS**

1. General College and Baccalaureate Degree Requirements

---

**SUGGESTED PROGRAM**

1. **English Composition**: 6
2. **Area I Requirements**: 12
3. **Area II Requirements**: 12
4. **Biology Requirements**: 19
   - General Botany: 4
   - General Zoology: 5
   - Cell Biology: 3
   - Bacteriology: 5
   - Genetics: 3-4
5. **Chemistry Requirements**: 19
   - College Chemistry: 9
   - Organic Chemistry: 10
6. **Mathematics & Physics Requirements**: 18
   - Mathematics 111-204: 10
   - General Physics: 8
7. **Applied Animal Nutrition**: 3
8. **Electives Needed**: 38-39

---

**FRESHMAN YEAR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>College Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 111-204</td>
<td>5</td>
</tr>
<tr>
<td>Area I Electives</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
</tr>
</tbody>
</table>

---

**SOPHOMORE YEAR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Botany/Zoology</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Applied Animal Nutrition*</td>
<td>3</td>
</tr>
<tr>
<td>Area I/II Electives</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
</tr>
</tbody>
</table>

---

**JUNIOR YEAR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Biology</td>
<td>3</td>
</tr>
<tr>
<td>General Physics</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td>Area I/II Electives</td>
<td>6</td>
</tr>
<tr>
<td>17</td>
<td>14-15</td>
</tr>
</tbody>
</table>

---

**SENIOR YEAR:**

<table>
<thead>
<tr>
<th>1ST SEM.</th>
<th>2ND SEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacteriology</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
<td>12</td>
</tr>
<tr>
<td>17</td>
<td>18</td>
</tr>
</tbody>
</table>

*To be taken either as correspondence course through Washington State University or as special topic at BSU.

---

**COURSES**

**H HEALTH SCIENCES**

For H Health Sciences courses see Community and Environmental Health Section.