Department of Nursing
Science/Nursing Building, Room 107
Telephone (208) 385-3907

Associate Dean/Chair and Associate Professor: Dr. Anne Payne; Associate Degree Faculty: Associate Professor; Fountain; Assistant Professors: Adams, Leahy, Lorenz, Pomerance, Springer; Instructors: Glennon, Soran; Special Lecturers: Allerton, Carey, Downey, Bachelor of Science Faculty: Associate Professors: Brudell, Farnsworth, Murray, Taylor, Payne; Assistant Professors: Brown, Callaghan, Draney, Gehrie, Kurtz, Otterness, Springer, Straub. Instructors: Satterwhite, Stephen; Special Lecturer: Dawson.

Degrees Offered
• A.S., Nursing
• B.S., Nursing

Department Statement
The department of nursing is one of five departments in the College of Health Science. The department offers bachelor of science and associate of science programs in nursing. Both programs are approved by the Idaho State Board of Nursing and accredited by the National League for Nursing.

The four-year bachelor of science program prepares the graduates to take the NCLEX-RN Exams to practice as a professional nurse. It also offers an Advanced Placement Option for Registered Nurses who wish to pursue a bachelor of science degree with a major in nursing.

The associate of science program in nursing leads to an associate degree and eligibility to take the NCLEX-RN Exam. Licensed Practical Nurses (LPNs) seeking to become Registered Nurses may apply for advanced placement in the associate of science program.

Special Lab Fees
Students who are admitted to either the associate or bachelor of science programs will pay an additional laboratory fee at the time of enrollment for some clinical courses. See semester course schedule for specific courses and amounts.

This fee is used for purchasing such things as liability insurance, expendable laboratory equipment and supplies, name tags and patches, handbooks, standardized achievement tests, professional pamphlets, additional copies of high-use audiovisual and/or CAI programs and replacement practice models.

The fee may vary from course to course and some courses may not require a fee. Elective courses may include a fee that provides travel and per diem support for faculty teaching the course.

Bachelor of Science Degree
Description: This program offers two options for students pursuing the bachelor of science degree in nursing. One option is for students who are seeking to become RNs and the second option is advanced placement for RNs with a diploma or associate of science degree. Both options are designed to prepare professional nurses to provide nursing care to patients/clients in hospitals, nursing homes and a variety of community health settings. The curriculum also provides a foundation for graduate study in nursing. Graduates are eligible to take the NCLEX-RN Exam.

Admission Requirements and Application Process for Non-Licensed Students Seeking the Bachelor Degree
Deadline for application to the Fall class is on or before March 1. It is strongly recommended that pre-nursing students contact a nursing faculty advisor, 385-3790.

1. Admission to Boise State University.
2. Completion of the following:
   A. Specific courses - all of the following:
      * College Chemistry C 107-108 or equivalent
      * English Composition E 101 or equivalent
      * Human Anatomy & Physiology Z 111 or equivalent
   B. At least one of the following prior to applying:
      * General Psychology P 101
      * Mathematics M 105, 108 or above
      * Medical Terminology H 101
   C. Successfully completed all the remaining "First Year" courses, as listed in the BSU catalog, by June 1, with at least a "C" grade.
3. Minimum grade of "C" and a GPA of 2.50 or above for the courses listed in number two (2) above. A 2.50 GPA is a minimum requirement and does not guarantee admission.
4. Selection for Fall admission is based on completion of the starred (*) courses along with the stipulation that to maintain admission status the student must successfully complete all of the remaining courses as listed in the first year of the bachelor of science program curriculum by June 1.

Admission Process:
1. Submit to the department of nursing the completed bachelor of science "Application for Admission" form on or before March 1.
2. The Admission Committee will review all completed applications. Qualified applicants will be processed according the following criteria:
   Category I
   Up to 25% of the available positions are reserved for qualified academic excellence applicants (GPA 4.0 to 3.3 will rank ordered for selection process).
   Category II
   Up to 25% of the available positions are reserved for qualified culturally diverse applicants. (GPA's will rank ordered for selection process.)
   Category III
   Fifty percent drawn randomly from qualified applicants including any remaining candidates from Category I and/or II. Any unfilled positions from Categories I and II will be filled from this pool of applicants.

*Boise State University is strongly committed to achieving excellence through cultural diversity. The nursing program actively encourages applications of: Native Alaskans, Afro-Americans, Hispanic/Latino Americans, Native Americans and Pacific Islander/Asian students.

*Degree Requirements for Students Seeking to Become Rns

NURSING
BACHELOR OF SCIENCE

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
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<tr>
<td>English Composition E 101-102</td>
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<tr>
<td>Medical Terminology H 101</td>
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<tr>
<td>General Psychology P 101 (Area II Core)</td>
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<tr>
<td>Mathematics M 105 or above</td>
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<tr>
<td>Human Anatomy &amp; Physiology Z 111-112 (Area III Core)</td>
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<tr>
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<td>Applied Pharmacotherapeutics H 306</td>
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<tr>
<td>Intro Sociology SO 101 (Area II Core)</td>
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<td>-</td>
</tr>
<tr>
<td>Computer Course H 120, CS 108 or IS 101</td>
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</table>
Option for RN Licensed Students Seeking Baccalaureate Degree

The advanced placement option provides an opportunity for RNs to individualize educational plans to complete a Baccalaureate Degree with a major in Nursing. RN applicants are to contact the bachelor of science Program Office for academic advisement, advanced placement examination and detailed information on placement.

Admission Requirements for Advanced Placement Option for RNs

RNs must successfully complete with a "C" or better, the following before entering advanced placement in senior nursing courses:

- Changing Professional Roles in Nursing NU 300
- Any College Core Course (Prereq. to Nursing Research)

To enroll in these courses, RNs must be admitted to the university.

Degree Requirements for Advanced Placement Option for RNs

University Core Requirements: RNs with associate degrees, or graduates from diploma schools may transfer or select courses which complete the Boise State University core requirements as listed in the Boise State University Catalog.

Support Courses:
Pathophysiology H 300; Pharmacotherapeutics H 306; Computer Course; Statistics Course

Courses Given Credit by Exam: Upon completion of NLN Mobility II Exams, students will be awarded 36 credits equivalent to the following courses:
- Medical Terminology H 101; Introduction to Professional Nursing NU 204; Health Assessment NU 208-209; Nursing and Health Promotion NU 210-211; Chronic and Rehabilitative Nursing NU 314-315; Acute Care Nursing NU 318-319; Nursing Care of the Childbearing Family NU 312-313; Mental Health/Illness Nursing NU 316-317.

Junior Nursing Courses:
- Changing Professional Roles in Nursing NU 300
- Nursing Research NU 392

Senior Nursing Courses:
- Community Health Nursing NU 418
- Community Health Nursing Lab NU 419
- Elective (Area I Core)
- Elective (Area II Core)
- Professional Issues NU 434
- Nursing Elective
- Nursing Leadership NU 438
- Nursing Leadership Lab NU 439

Total Credit Hours for the Baccalaureate Degree: 128

RN's who qualify for Advanced Placement must:
1. Have a current Idaho Nursing license for Registered Nurses.
2. Have completed all support courses and junior nursing courses and successfully completed the NLN Mobility II exams or equivalent courses.
3. Submit to the department of nursing the completed Advanced Placement application by March 1 of the year of planned senior course enrollment.
4. Advanced placement students will be chosen from qualified applicants using a random selection process.

Course Offerings

See page 4 for definition of course numbering system.

NU NURSING COURSES

Lower Division

NU 204 INTRODUCTION TO PROFESSIONAL NURSING (2-0-2)(F). Introduction to nursing process and theoretical formulations as basis for clinical decision-making and development of a nursing knowledge base. Includes historical development and criteria of professional nursing. PREREQ: Admission to nursing major.

NU 208 HEALTH ASSESSMENT (2-2-2)(F). The concepts of systems and development theory, health-illness continuum and health promotion provide a basis for the health assessment of individuals across the life span. The nursing process is used as a framework for organizing and communicating assessment data. PREREQ: Admission to nursing major.

NU 209 HEALTH ASSESSMENT LAB (0-2-1)(S). Campus Laboratory for NU 208.

NU 210 NURSING AND HEALTH PROMOTION (3-0-3)(S). Theoretical basis for acquisition of interpersonal, affective and psychomotor skills needed to maintain, promote and restore health to persons of all ages. Uses nursing theories, nursing process, interaction, growth and development, teaching-learning principles and health as a basis for beginning nursing practice. PREREQ: NU 204, NU 208, NU 209, H 300, B 205, H 207. COREQ: NU 211.

NU 211 NURSING AND HEALTH PROMOTION LAB (0-3-3)(S). Practical application of concepts and knowledge from NU 210 and support courses to nursing care of clients with stable health patterns and health patterns and health promotion needs. COREQ: NU 210. (Pass/Fail).
Upper Division

NU 300 CHANGING PROFESSIONAL ROLES IN NURSING (2-0-2)(F/S). Overview of concepts related to professional nursing. Focuses on the relationship of values, ethics, critical thinking and communication processes in the role of the professional nurse. PREREQ: Must be a Registered Nurse.

NU 312 NURSING CARE OF THE CHILDBEARING FAMILY (2-0-2)(F/S). Focus is on exploration of nursing and psychosocial theories and concepts relevant to the nursing care of the individual and family during the childbearing cycle. PREREQ: NU 210. COREQ: NU 313.


NU 314 CHRONIC AND REHABILITATIVE NURSING (4-0-4)(F). Focuses on concepts, principles and theories related to the promotion, rehabilitation and maintenance of health for persons of all ages from varied cultures who have chronic health problems. PREREQ: NU 210, H 306. COREQ: NU 315.

NU 315 CHRONIC AND REHABILITATIVE NURSING LAB (0-0-3)(F). Applies concepts, principles and theories from NU 314 to nursing care for persons who have chronic health problems. COREQ: NU 314. (Pass/Fail).


NU 318 ACUTE CARE NURSING (4-0-4)(S). Focuses on concepts, principles and theories related to promotion and maintenance of health in acute illness for persons of all ages. PREREQ: NU 314. COREQ: NU 319.

NU 319 ACUTE CARE NURSING LAB (0-0-3)(S). Applies concepts, principles and theories from NU 318 to persons with acute illness in a variety of settings. COREQ: NU 318. (Pass/Fail).

NU 392 INTRODUCTION TO NURSING RESEARCH (3-0-3)(SU). Research process as applied in health care research. Emphasis on defining researchable problems, conceptualizing research design and analyzing the data in the research process. Critical review of research articles to evaluate findings for application to nursing practice. PREREQ: a college statistics course.

NU 418 COMMUNITY HEALTH NURSING (3-0-3)(F/S). Basic and advanced concepts related to health nursing of individuals, families, groups and communities. Major content areas include: roles and responsibilities of communities, health, community health care, epidemiology, community assessment, health promotion and maintenance and health policy formulation. PREREQ: NU 312, 316, 318, 392. COREQ: NU 419.


NU 434 PROFESSIONAL ISSUES IN NURSING (3-0-3)(F/S). An analysis of contemporary professional nursing and its reciprocal interaction with current, social, political and economic issues. COREQ: NU 438.


NU 450 INTENSIVE CLINICAL NURSING ELECTIVE (0-12-4)(SU). Management of multiple patients with support of qualified preceptors in selected clinical sites. Content includes application of medical/surgical/psychosocial concepts in a nursing practice setting. PREREQ: Sophomore standing in an accredited associate program or Junior standing in an accredited baccalaureate program and the approval of the instructor. Pass/Fail.

NU 456 NURSING STRATEGIES IN HIGH RISK CHILDBEARING FAMILIES (3-0-3)(F/S). Concepts and content relative to potential or actual maternal-fetal-neonatal crises. PREREQ: Current enrollment as Senior nursing major or PERM/INST.

NU 460 APPLICATIONS OF LEGAL AND ETHICAL CONCEPTS TO CONTEMPORARY NURSING PRACTICE (2-0-2)(F/S). Course provides current legal and ethical concepts and their application to contemporary nursing practice in a variety of institutional and community settings. Course enrollment limited to Registered Nurses, or to students enrolled in nursing programs preparing to write the Registered Nurse Examination.

NU 462 CARING FOR DIVERSE HIV/AIDS CLIENTS. (2-0-2) (F/S). Course deals with multiple issues facing nursing professionals as they learn to deal with the challenges of caring for HIV/AIDS groups and investigate the gamut of issues faced by the clients. Experience with clients, social support systems, families and other groups/agencies involved in client care are scheduled. PREREQ: Sophomore standing (BS Program) Freshman standing (A.S. program), or PERM/INST.

NU 470 PRINCIPLES AND PRACTICES OF SCHOOL NURSING (3-0-3)(F/S). Application of the principles and practices of community health nursing to the organization, administration and legal aspects of school health programs. (Meets Idaho Certification Standards for Professional School Personnel) PREREQ: Current enrollment as Senior nursing major or PERM/INST.

NU 472 NURSING CARE OF THE ADULT IN THE WORK PLACE (3-0-3)(F/S). Exploration of nursing concepts essential to promotion of health and prevention of illness/accidents in the occupational setting; roles and responsibility of the occupational health nurse. PREREQ: Current enrollment as Senior nursing major or PERM/INST.

NU 478 NURSING AND POLITICS (3-0-3)(F/S). Explores the relationship between professional nursing and the policy process; concepts of power, politics and process as these impact nursing practice. PREREQ: Current enrollment as Senior nursing major or PERM/INST.

Associate of Science 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 hours of clinical and/or campus laboratory time. During the first year, there is an average weekly number of nine to twelve clinical practice hours and during the second year, fifteen to eighteen hours per week, which may be scheduled days, afternoons, or evenings, between the hours of 6:30 a.m. and 11:30 p.m.

The program is approved by the Idaho Board of Nursing and accredited by the National League for Nursing. The graduate is eligible to write the National Council Licensure Examination to become a Registered Nurse (R.N.).

Philosophy: The associate degree-prepared registered nurse (RN) practices primarily in formally organized health care agencies providing direct care for individuals with identified health problems whose nursing needs fall within prescribed standards of care. The associate degree graduate is expected to seek guidance from supervisory personnel in making decisions concerning complex nursing situations and in making referrals to other health agencies.

The curriculum includes courses in general education as well as nursing. General education courses provide support knowledge for nursing courses. The nursing courses utilize the nursing process as a system of learning. Content is focused on the identified health needs of all individuals. A planned program of clinical practicum in health care agencies is the major learning experience in the application of theoretical content and in the development of clinical nursing skills.

Advisement: The associate of science degree may be completed in five semesters. However, students' needs and goals may indicate a three year approach to the program. Advisement, therefore, is essential and it is the student's responsibility to seek faculty assistance.

Admission Requirements

Applicants must have "Regular Admission Status" at Boise State University before admission to the associate of science nursing program. Applicants who have other than "Regular Admission Status" at Boise State University should refer to the Boise State University Catalog and/or contact the Nursing Advisement Center for directions on how to achieve "Regular Admission Status."
The faculty of the associate of science in nursing program review the qualifications of applicants and selects all students. The number of students that can be admitted to the program is limited. All college transcripts must be submitted to the nursing office in order to make applications complete.

The class is selected from qualified applicants. Students are selected based on a point system that gives points for GPA and number of required general education courses completed. Further information regarding selection criteria can be obtained from the Nursing Advising Center, SN107A. Those applicants who wish to be part of the initial screening must have completed applications submitted by March 1 of the year of planned enrollment in nursing courses.

1. In order to qualify for admission, the student must meet one of the following criteria:
   A. Completion of Z 111 (Human Anatomy and Physiology) and E 101 (English Composition) as application prerequisites. To be eligible for consideration, the applicant must have a GPA of 2.5 or above and a C or better in the above courses. Applicants who have completed more of the required general education courses are evaluated on the GPA in all those courses.
   OR for the student applying within one year of graduation from high school:
   B. Completion of two (2) years of high school algebra or higher and three (3) years of laboratory sciences, including human anatomy and physiology. These courses must have been passed with a GPA of 3.5 or higher.

2. Transfer students from other associate degree nursing programs and Licensed Practical Nurses (LPNs) who wish to challenge nursing program courses. Those applicants selected will be notified in May.

3. Completed applications are reviewed after March 1 and the class selected from qualified applicants by rank of GPA in all completed required courses.

4. A second review of all remaining applicants and completed applications received after May 1, occurs in July. Any vacancies that have occurred in the class will be filled from qualified applicants. These applicants will be selected by rank of GPA.

5. A lab fee payable during registration (nonrefundable after class begins).

Following acceptance into the associate of science program, all applicants must submit to the nursing department by July of each academic year:

1. The completed Physical Examination form provided by the department of nursing.
2. Documentation of a negative PPD or a chest X-ray.
3. Documented positive Rubelia and Rubelia titres.
4. Documentation of completion of a Cardiopulmonary Resuscitation course (including infant CPR).
5. *Fee payable during registration (nonrefundable after class begins).

**Degree Requirements**

**NURSING ASSOCIATE OF SCIENCE**

**APPLICATION PREREQUISITES:**

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<thead>
<tr>
<th>Course Offerings</th>
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<tbody>
<tr>
<td><strong>First Year in Nursing Program</strong></td>
<td>SEM</td>
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<tr>
<td>English Composition E 101</td>
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</tr>
<tr>
<td>Human Anatomy &amp; Physiology Z 111</td>
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<td>4</td>
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<td><strong>Total</strong></td>
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**First Year in Nursing Program**

- Essentials of Chemistry C 107-108
- Nutrition H 207
- Human Anatomy & Physiology Z 112
- General Psychology P 101
- Fundamentals of Nursing I & II NA 100-102

**Second Year in Nursing Program**

- Microbiology B 205
- English Composition E 102
- Elective (strongly recommend AREA I or II)
- Nursing Intervention I & II NA 200-202

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<td><strong>Second Year in Nursing Program</strong></td>
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<td>Microbiology B 205</td>
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<tr>
<td>English Composition E 102</td>
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<td>Elective (strongly recommend AREA I or II)</td>
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<tr>
<td>Nursing Intervention I &amp; II NA 200-202</td>
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<td><strong>Total</strong></td>
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*Prerequisite or Coerequisites to First Year Nursing Courses.*

**Course Offerings**

See page 4 for definition of course numbering system.

**NA Nursing Courses**

**Lower Division**

<table>
<thead>
<tr>
<th>Course Offerings</th>
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<tr>
<td><strong>NA 100 Fundamentals of Nursing I (D-9-4) (F).</strong></td>
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<tr>
<td>First of four sequential courses. Focuses on patient's growth and development level, well-being, environmental interaction and ability to cope with stress. Learning experiences increase student knowledge of self and others. Nursing process and psychomotor skills are introduced to assist individuals of all ages to cope with change and to progress toward wellness. PREREQ: Admission to the A.S. program.</td>
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<th>Course Offerings</th>
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<td><strong>NA 102 Fundamentals of Nursing II (D-12-7) (S).</strong></td>
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<tr>
<td>Builds upon concepts presented in NA 100. Focuses on concepts and methods to assist individuals and families in preparation for stressors of illness and surgery. Learning experiences assist student to implement nursing process and further develop psychomotor skills to help individuals of all ages progress toward wellness. PREREQ: NA 100.</td>
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<tr>
<td><strong>NA 114 Orientation to Associate Degree Nursing for Advanced Placement Student (2-0-2-F, S).</strong></td>
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<tr>
<td>Designed to assist the student in transition from one role in nursing to another. Content focuses upon basic nursing roles and issues and challenge examinations for advanced placement. PREREQ: PERMISSION, passing score on National League for Nursing Mobility Exam I. (Pass/Fail).</td>
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<tr>
<td><strong>NA 200 Nursing Intervention I (4-15-9) (F).</strong></td>
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<tr>
<td>Develop concepts presented in first year courses. Focuses on coping with changes in psychosocial health status of individuals and families from pre-natal through late adulthood. Students learn by using the nursing process to provide care for patients with complex health problems. PREREQ: NA 102, Completion of Intravenous Certification Class (Advanced Placement Students only). COREQ: B 205.</td>
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<tr>
<td><strong>NA 202 Nursing Intervention II (4-18-10) (S).</strong></td>
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<tr>
<td>Continues development of concepts acquired in previous courses. Focuses on development of self directed, flexible and organized use of nursing process in providing care for individuals of all ages. Learning experiences emphasize patient education, psychodynamics and management of multiple patients with complex problems. PREREQ: NA 200 and B 205.</td>
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</table>

**Application Procedures:**

1. Make application for admission to BSU and the department of nursing, associate of science in nursing degree program. BSU application forms are available in the Administration Building, Room 101. A.S. program applications are available in the Science-Nursing Building, Room 107.

2. Submit an official high school transcript or GED test score and official transcripts of all previous college work. LPNs applying for advanced placement must also submit evidence of previous education as well as current licensure. These documents must be received by the Nursing department prior to March 1 if applications are to be reviewed in the initial screening.
**Department of Philosophy**

Library, Room 206  
Telephone (208) 385-3304

Chair and Professor: Alan Brinton; Professor: Schoedinger; Associate Professor: Harbison. Special Lecturer: DiPietro

## Degrees Offered

- B.A. in Philosophy

## Department Statement

Philosophy involves a reasoned attempt to answer questions which arise from reflection on basic concepts and assumptions about the world and our experience of it. Some of these questions are of obvious practical importance, for example "How should moral decisions be made?" Others are more abstract, for example "What is the nature of knowledge (or reality, or goodness)?" Serious philosophical inquiry into such questions is typically grounded in careful study of the efforts of earlier thinkers; thus, an important aspect of the major is the study of the history of philosophy.

The undergraduate major in philosophy does not in itself prepare the student for a specific vocation. For students who aspire to academic careers in philosophy, the major provides the basis for graduate work in the field. For other students, it develops intellectual skills useful in life and in other fields of advanced study such as law, religion and public affairs.

### PHILOSOPHY MAJOR

**Bachelor of Arts Degree**

The program requirements for a major in Philosophy, in addition to the necessary requirements to obtain a bachelor of arts degree from Boise State University, consist of 30 hours of philosophy credit, 21 of which are specifically required courses and 9 of which are electives from other courses in philosophy. Philosophy majors should bear in mind that the university requires the completion of a total of 40 hours of upper division credit by all graduating seniors. The courses required for a major in philosophy are:

1. PY 101 Introduction to Philosophy
2. PY 211 Ethics
3. PY 221 Introduction to Logic
4. PY 305 Ancient Philosophy
5. PY 309 Modern Philosophy
6. PY 413 Analytic Philosophy
7. PY 433 Metaphysics or PY 432 Epistemology

### PHILOSOPHY MINOR

Intro Philosophy PY 101  
Ethics PY 211  
Intro Logic PY 221  
Philosophy Electives (NOT PY 489)  

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<th>Course</th>
<th>Hours</th>
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<tr>
<td>Intro Philosophy PY 101</td>
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<tr>
<td>Ethics PY 211</td>
<td>3</td>
</tr>
<tr>
<td>Intro Logic PY 221</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy Electives (NOT PY 489)</td>
<td>9</td>
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<td><strong>Total</strong></td>
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</table>

### Course Offerings

**See page 4 for definition of course numbering system.**

**PY PHILOSOPHY**

**Lower Division**

**PY 101 INTRODUCTION TO PHILOSOPHY (3-0-3)(F/S)(AREA I), A general introduction to some basic philosophical problems and concepts, with attention to selected major philosophers and with an emphasis on philosophical method.**

**Upper Division**

**PY 201 ORIENTAL PHILOSOPHY (3-0-3)(S), An examination of the philosophical teachings of the great oriental thinkers through a study of classical texts selected from the traditions of Hinduism, Confucianism, Taoism and Buddhism. Alternate years.**

**PY 211 ETHICS (3-0-3)(S), An investigation of the validity of moral claims, the use of moral language and the evaluation of classical efforts, e.g., utilitarianism, to provide a test of moral rightness.**

**PY 221 INTRODUCTION TO LOGIC (3-0-3)(F/S)(AREA I), A study of the concepts and methods used in the analysis and evaluation of arguments, with emphasis on the structure of arguments.**

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

**PY 304 SYMBOLIC LOGIC (3-0-3)(S), A study of techniques of validation in propositional logic and predicate logic, with emphasis on the construction of formal proofs. Some attention will be given to metalogical notions such as consistency and completeness. PREREQ: PY 221. Alternate years.**

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

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

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

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

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

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

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

**PY 413 ANALYTIC PHILOSOPHY (3-0-3)(S), A critical examination of the development of the analytic method in Anglo-American philosophy with attention to such selected figures as Frege, Russell, Moore, Wittgenstein and Austin. PREREQ: PY 101 and PY 221. Alternate years.**

**PY 433 METAPHYSICS (3-0-3)(F), An investigation of basic problems about the nature of reality. Possible topics include personal identity, the nature of mind, freedom and determinism and the problem of universals. PREREQ: PY 101. Alternate years.**

**PY 435 EPISTEMOLOGY (3-0-3)(F), An investigation of basic problems concerning knowledge and the justification of belief. Possible topics include attempts to define knowledge and related concepts, the problem of skepticism and the problem of other minds. PREREQ: PY 101. Alternate years.**

**PY 441 PART I WESTERN POLITICAL THEORY (3-0-3)(F), Development of political philosophy from Socrates to Machiavelli. Alternate years.**

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

**PY 489 SENIOR TUTORIAL (3-0-3)(F), Directed research culminating in the writing of a Senior Essay to be approved by the members of the philosophy faculty. PREREQ: Senior standing in philosophy major and approval by the department chair of a Tutorial Project Proposal by April 1 of the semester preceding the semester when the Tutorial is taken.**
Department of Physics

Science-Nursing Building, Room 318
Telephone (208) 385-3775


Degrees Offered

B.S. in Physics
B.S. in Physics, Secondary Education

Degree Requirements

PHYSICS MAJOR
Bachelor of Science Degree

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

Liberal Arts Option

1. General University and B.S. degree Requirements ........................................ 30
2. Major Requirements ........................................................................................................... 98
   A. Physics .......................................................................................................................... 56
      Mechanics, Waves and Heat & Lab PH 211-212 .......................................................... 5
      Electricity, Magnetism & Optics & Lab PH 213-214 ..................................................... 5
      Intermediate Programming PH 225 .................................................................................. 2
      Analog Electronics PH 301 ............................................................................................. 4
      Transducers PH 304 ......................................................................................................... 3
      Intro Modern Physics & Lab PH 309-310 ................................................................. 4
      Modern Physics PH 311, 312 ......................................................................................... 6
      Optics PH 332-333 ......................................................................................................... 6
      Optics Lab PH 334 .......................................................................................................... 1
      Mechanics PH 341 .......................................................................................................... 4
      Electricity & Magnetism, PH 381, 382 .............................................................................. 6
      Advanced Topics PH 422 ............................................................................................... 3
      Thermal Physics PH 432 ............................................................................................... 3
      Senior Lab PH 481 ......................................................................................................... 3
      Seminar PH 499 ............................................................................................................. 1

   B. Math ............................................................................................................................ 20
      1) Calculus Sequence M 204, 205, 206 ................................................................. 13
      2) Differential Equations M 331 .............................................................................. 3
      3) A choice of one or more of the following for at least 4 credit hours:
         a) Linear Algebra M 301 ......................................................................................... 4
         b) Vector Calculus M 320 ......................................................................................... 2
         c) Numerical Analysis M 340 ..................................................................................... 4
         d) Fund of Statistics M 361 ..................................................................................... 4
         e) Four Ser & Bd Value Prob M 421 ......................................................................... 3
         f) Probability & Statistics M 431 .............................................................................. 3
         g) Linear Systems & Sig Process CS 426 ................................................................. 4
   C. Chemistry C 131, 132-133, 134 .................................................................................... 9
   D. Recommended Electives .............................................................................................. 13

Secondary Option

1. General University Requirements .................................................................................. 30
2. Major Requirements ....................................................................................................... 78
   A. Physics ........................................................................................................................ 34
      Mechanics, Waves and Heat Lecture & Lab PH 211-212 .............................................. 5
      Electricity, Magnetism & Optics Lecture & Lab PH 213-214 ....................................... 5
      Intro to Descriptive Astronomy PH 105 ................................................................. 4

Intro Modern Physics PH 309 ....................................................................................... 3
Intro Modern Physics Lab PH 310 ................................................................................... 1
Modern Physics PH 311, 312 ......................................................................................... 6
Optics PH 332, 333 ......................................................................................................... 6
Optics Lab PH 334 .......................................................................................................... 1
Senior Lab PH 481 ........................................................................................................... 3
B. Programming .................................................................................................................. 2-3
C. Math .............................................................................................................................. 16
   Calculus Sequence M 204, 205, 206 ............................................................................ 13
   Differential Equations M 331 ....................................................................................... 3
D. Chemistry C 131, 132-133, 134 ............................................................................... 9
E. General Zoology Z 230 ............................................................................................... 5
F. General Botany BT 130 ............................................................................................... 4
G. Recommended Electives .............................................................................................. 6
H. Possible Earth Science Elective ................................................................................... 4

3. Education Requirements .............................................................................................. 26-32
   Intro Sec Teach: Classroom Observation TE 172 ......................................................... 1
   Foundations of Education TE 201 ................................................................................ 3
   Educate Except Secondary Student TE 339 .................................................................. 1
   Educational Technology TE 256 .................................................................................. 2
   Educational Psychology TE 225 .................................................................................. 3
   Read in Content Subjects TE 407 ................................................................................ 3
   Secondary School Science Methods TE 384 ................................................................. 3
   Secondary School Methods TE 381 .............................................................................. 3
   Secondary School Teaching ......................................................................................... 10-16

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

PHYSICS MINOR

*Mechanics, Waves & Heat Lecture & Lab PH 211, 212 .................................................. 5
Electricity, Magnetism & Optics Lecture & Lab PH 213, 214 ............................................ 5
*Intro Modern Physics & Lab PH 309-310 ........................................................................ 4
*Modern Physics PH 311, 312 ......................................................................................... 6

One of the following

*Analog Electronics Lab PH 301 ....................................................................................... 4
*Optics PH 332-333-334 ................................................................................................... 7
*Mechanics PH 341 ......................................................................................................... 4
*Electricity & Magnetism PH 381 .................................................................................... 3
*Advanced Topics PH 422 ............................................................................................... 3
*Thermal Physics PH 432 ............................................................................................... 3
*Math or other prerequisite.

Total .................................................................................................................................. 23-24

PHYSICS MAJOR
Bachelor of Science Degree

FRESMEN YEAR

SEM 1st 2nd SEM

English Composition E 101-102 ......................................................................................... 3 3
College Chemistry C 131, 132-133, 134 ....................................................................... 4 5
Calculus & Analytic Geometry M 204-205 ....................................................................... 5 4
Mechanics, Waves and Heat Lecture & Lab PH 211, 212 ................................................. 5 5
Electives .............................................................................................................................. 2-3
Area I or II Requirements ................................................................................................. 3

Total .................................................................................................................................. 17-18 17

SOPHOMORE YEAR

Electricity, Magnetism and Optics PH 213 ........................................................................ 4
Electricity, Magnetism Lab PH 214 .................................................................................. 1
Intro Modern Physics PH 309-310 ................................................................................... 4
Electives .............................................................................................................................. 3 4
Calculus & Analytic Geometry M 206 ................................................................................ 4
Differential Equations Math M 331 ................................................................................... 3
Applied Programming PH 225 .......................................................................................... 2
Area I or II Requirements ................................................................................................. 3
Area I or II Requirements ................................................................................................. 3

Total .................................................................................................................................. 18 16

Degrees Offered

B.S. in Physics
B.S. in Physics, Secondary Education

Note: Completion of all requirements for graduation with a secondary education option may require more than 128 credit hours. See department of teacher education listing for more information.
## JUNIOR YEAR

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Units</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>Modern Physics PH 311-312</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Electronics Lab PH 301</td>
<td>4</td>
<td>-</td>
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<tr>
<td>Transducers PH 304</td>
<td>3</td>
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<tr>
<td>Thermal Physics PH 432</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Optics PH 332-333</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Optics Lab PH 334</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Math course</td>
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<td>Area I or II Requirement</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
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</table>

## SENIOR YEAR

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Units</th>
<th>Credits</th>
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</thead>
<tbody>
<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>4</td>
<td>-</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>1</td>
<td>-</td>
</tr>
<tr>
<td>Math course</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

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### Course Offerings

See page 4 for definition of course numbering system.

#### PS PHYSICAL SCIENCE

**Lower Division**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Units</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS 100 FOUNDATIONS OF PHYSICAL SCIENCE (3-2-4)(AREA III)</td>
<td>Selected concepts of matter and energy that are widely applicable toward understanding our physical environment. A one-semester course for non-Science majors.</td>
<td></td>
</tr>
<tr>
<td>PS 101-102 GENERAL PHYSICS (3-3-4)(F/S)(AREA III)</td>
<td>Mechanics, sound, heat, light, magnetism and electricity. This course satisfies the science requirement for the bachelor of arts and bachelor of science curricula and may be taken by forestry, pre-dental and pre-medical students. PREREQ: Algebra and Trigonometry.</td>
<td></td>
</tr>
<tr>
<td>PH 105 INTRODUCTION TO DESCRIPTIVE ASTRONOMY (3-2-4)(F/S)(AREA III)</td>
<td>A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Several scheduled evening viewing sessions and planetarium visits are required. A one-semester course for non-Science majors.</td>
<td></td>
</tr>
<tr>
<td>PH 106 RADIOLOGICAL PHYSICS (2-2-3)(F)</td>
<td>Fundamental concepts of radiation physics involving structure of the atom, radioactivity, electricity, magnetism and electromagnetic radiation. Includes the physical principles of magnetic resonance and diagnostic ultrasound.</td>
<td></td>
</tr>
<tr>
<td>PH 109 (CS 109) INTRODUCTION TO COMPUTERS (3-2-4)</td>
<td>The potential and limitations of computers and their impact on society. The course includes an introduction to computer hardware and programming. Designed for non-Science majors.</td>
<td></td>
</tr>
<tr>
<td>PH 207 INTRODUCTION TO BIOPHYSICS (3-3-4)(S)</td>
<td>A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used in lab to study biological systems. PREREQ: M 111 or M 108.</td>
<td></td>
</tr>
<tr>
<td>PH 212 MECHANICS, WAVES AND HEAT LAB (0-3-1)(F/S)(AREA III)</td>
<td>Lab to be taken with PH 211. Basic experiments in mechanics, wave motion and heat. COREQ: PH 211.</td>
<td></td>
</tr>
<tr>
<td>PH 214 ELECTRICITY, MAGNETISM AND OPTICS LAB (0-3-1)(F/S)(AREA III)</td>
<td>Lab to be taken concurrently with PH 213. Basic experiments in electricity, magnetism and optics. COREQ: PH 213.</td>
<td></td>
</tr>
<tr>
<td>PH 225 INTERMEDIATE APPLIED PROGRAMMING (2-2-3)(S)</td>
<td>Science and engineering computer application with emphasis on procedural and object-oriented programming including graphics. An extensive individual project is required. PREREQ: Computer programming experience. COREQ: M 205 or M 106. Credit cannot be obtained from both PH 225 and M 225.</td>
<td></td>
</tr>
<tr>
<td>PH 301 ANALOG ELECTRONICS (2-6-4)(F)</td>
<td>An introduction to basic electronic test instrumentation and to some of the more common discrete semiconductor devices and integrated circuits. Included are diodes, silicon control rectifiers, transistors, operational and instrumentation amplifiers, voltage regulators, timers and analog-to-digital converters. The devices will be utilized in simple electronic circuits for rectification, amplification, waveform creation and other applications. PREREQ: PH 214.</td>
<td></td>
</tr>
<tr>
<td>PH 304 TRANSUCERS (1-6-3)(S)</td>
<td>An introduction to some common devices used to convert energy forms into electrical signals and their appropriate signal conditioning. Included are photomultiplier tubes, photoductive cells, photodiodes, phototransistors, linear variable differential transformers, thermocouples, thermistors, Hall Effect devices, strain gauges, piezoresistive elements. The IEEE-488 Bus and BUS Controller will be introduced and used throughout the course for data acquisition from the transducers. PREREQ: PH 225 &amp; PH 301.</td>
<td></td>
</tr>
<tr>
<td>PH 309 INTRODUCTORY MODERN PHYSICS (2-0-3)(S)</td>
<td>An introduction including wave motion with resonances, the Maxwell distribution, the special theory of relativity, plus atomic, molecular, solid state, nuclear and elementary particle physics. PREREQ: PH 213, M 206. COREQ: PH 310.</td>
<td></td>
</tr>
<tr>
<td>PH 310 INTRODUCTORY MODERN PHYSICS LAB (0-3-1)(S)</td>
<td>Lab to be taken concurrently with PH 310. Experiments with resonances and basic modern physics including some computer simulations. PREREQ: PH 213, M 206. COREQ: PH 309.</td>
<td></td>
</tr>
<tr>
<td>PH 311-312 MODERN PHYSICS (3-0-3)(F/S)</td>
<td>Basic ideas and statistical methods of elementary quantum mechanics with applications to atomic, molecular, solid state, nuclear and elementary particle physics. PREREQ: M 331 and either PH 309 or PERM/INST.</td>
<td></td>
</tr>
<tr>
<td>PH 332-333 OPTICS (3-0-3)(F/S)</td>
<td>An upper division course in geometrical and physical optics to include basics of electromagnetic theory, optical systems (including stops and pupils, lens aberrations, thick lenses and fiber optics), polarization, interference, diffraction, Fourier optics, lasers and holography. PREREQ: PH 213, M 331. COREQ: for PH 333 is PH 334.</td>
<td></td>
</tr>
<tr>
<td>PH 334 OPTICS LABORATORY (0-3-1)(S)</td>
<td>Laboratory to be taken concurrently with PH 334. Experiments in optics to include optical systems, thick lenses, interference, diffraction, polarization, Fourier optics, image processing and holography. COREQ: PH 333.</td>
<td></td>
</tr>
<tr>
<td>PH 341 MECHANICS (4-0-4)(F/S)</td>
<td>An upper division course which approaches classical mechanics with the aid of vector calculus and differential equations. Numerical techniques and computer applications will be used. PREREQ: M 331 and PH 211.</td>
<td></td>
</tr>
<tr>
<td>PH 422 ADVANCED TOPICS (3-0-3)(F/S)</td>
<td>Selected topics from the major fields of physics such as astrophysics, nuclear, solid state, solar applications, biophysics or medical physics. PREREQ: Upper division standing and PERM/INST and possible specific courses depending on topic. Offered on demand.</td>
<td></td>
</tr>
<tr>
<td>PH 432 THERMAL PHYSICS (3-0-3)(S)</td>
<td>Discussion of temperature, work, specific heat and entropy. The laws of thermodynamics are discussed and applied to physical problems. Ideal gases, statistics, Gibbs free energy and cryogenics. PREREQ: PH 213, M 331.</td>
<td></td>
</tr>
<tr>
<td>PH 481 SENIOR LAB (1-6-3)(F)</td>
<td>A senior laboratory course designed to acquaint the student with concepts of modern physics, laboratory techniques and measurements. PREREQ: PH 312.</td>
<td></td>
</tr>
<tr>
<td>PH 482 SENIOR PROJECT (0-6-2)(S)</td>
<td>1 or 2 credits depending on the project. Elective. A sophisticated library or laboratory project in some area of physics. PREREQ: PH 481.</td>
<td></td>
</tr>
<tr>
<td>PH 499 PHYSICS SEMINAR (1-0-1)(S)</td>
<td>Individual reports on selected topics. PREREQ: Senior status.</td>
<td></td>
</tr>
</tbody>
</table>
Department of Political Science

Public Affairs & Arts West Bldg., Rm 127
Telephone (208) 385-1458

Chair and Professor: Dr. Gregory A. Raymond; Professors: Donoghue, Kinney, Moncrief, Overgaard, Skillern; Associate Professors: Freemuth, Sallie, Weatherby; Assistant Professors: Aim, Patton, Witt.

Degrees Offered
- B.A. and B.S. in Political Science (with emphasis areas in American Governmental Systems and Processes, International Relations, Political Philosophy and Public Law, and Public Administration.)
- B.A. and B.S. in Political Science, Social Science, Secondary Education
- Master of Public Administration: see Graduate College Catalog for further details.

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

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

Majors in political science are prepared for further study at the graduate level, or for a variety of careers. Many of our students become teachers or lawyers. Others work for large corporations as public affairs officers, or for federal, state, or local governments in numerous capacities. Some become reporters, lobbyists, or campaign managers; some have been elected to public office.

Degree Requirements

POLITICAL SCIENCE MAJOR
Bachelor of Arts Degree
Bachelor of Science Degree

1. General University Requirements for Baccalaureate Degree.
2. A total of 45 credits in political science, including 15 credits in each of the following:
   A. All political science majors, regardless of chosen area of emphasis, must complete the following courses:
      - American National Government PO 101 ..............................................3
      - Contemporary Political Ideologies PO 141 .......................................3
      - International Relations PO 231 ..................................................3
      - Introduction to Political Inquiry PO 298 ........................................3
      - Advanced Political Science Methods PO 309 .................................3
      Subtotal 15
   B. Upper division political science electives ....................................15
   C. Area of Emphasis Requirements. A minimum of 15 credits must be completed in the student's chosen area of emphasis (see specific courses below) .................................................................15

   Total Political Science Credits 45

The American Governmental Systems and Processes Emphasis:
Students opting for this area of emphasis must complete a minimum of 15 credits from the following courses:
   - State & Local Government PO 102 ..................................................3
   - American Political Parties & Interest Groups PO 301 .........................3

Public Opinion and Voting Behavior PO 302 ....................................3
Urban Politics PO 308 .................................................................3
American Chief Executive PO 309 .................................................3
Legislative Behavior PO 312 .........................................................3
American Policy Process PO 320 ....................................................3
American Political Theory PO 331 ................................................3
Environmental Politics PO 340 .....................................................3
Constitutional Law PO 351 ..........................................................3
American Political Economy PO 381 .............................................3

International Relations Emphasis: Students opting for this area of emphasis must complete a minimum of 15 credits from the following courses:
   - Comparative Foreign Policy PO 311 .................................................3
   - Introduction to Comparative Politics PO 321 ................................3
   - Politics in Russia and Eastern Europe PO 324 ................................3
   - Politics of Industrialized Nations PO 329 ....................................3
   - Canadian Politics PO 330 ..........................................................3
   - Comp Govt & Pol of Develop Nations PO 333 ................................3
   - United States Foreign Policy PO 335 ............................................3
   - International Law and Organization PO 421 ................................3
   - International Political Economy PO 429 ....................................3

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

Public Administration Emphasis: Students opting for this area of emphasis must complete a minimum of 15 credits from the following courses:
   - State and Local Government PO 102 .............................................3
   - Intro to Public Administration PO 303 ........................................3
   - Urban Politics PO 308 .................................................................3
   - American Chief Executive PO 309 .................................................3
   - Public Finance PO 310 ...............................................................3
   - American Policy Process PO 320 ................................................3
   - Administrative Law PO 467 ..........................................................3
   - Intergovernmental Relations PO 469 .............................................3
   - Organ Theory & Bureaucratic Structure PO 487 .........................3

POLITICAL SCIENCE-SOCIAL SCIENCE
SECONDARY EDUCATION EMPHASIS
Bachelor of Arts Degree
The Social Science, Secondary Education Emphasis degree programs are cooperative, interdisciplinary programs involving the departments of economics; history; political science; sociology; and anthropology. Each of these departments provides a major emphasis with the Social Science, Secondary Education Emphasis. The following requirements apply for students choosing this emphasis:
1. Must complete a minimum of 30 credits in political science.

LOWER DIVISION COURSES:
   - American National Government PO 101 ...........................................3
   - State and Local Government PO 102 ...........................................3
   - Contemporary Political Ideologies PO 141 ..................................3
   - International Relations PO 231 ................................................3
   Subtotal 12
Department of Political Science

UPPER DIVISION
One course from each of the 4 areas of emphasis ........................................... 12
Upper division electives ..................................................................................... 6
Total .................................................................................................................. 30

2. Must also complete a minimum of 15 credits in each of two of the above
departments (other than political science) to satisfy graduation
requirements. See the department listings for each of these
departments for additional information. However, teacher certification
requires additional coursework in these two departments. See "Minor
Certification Endorsements" in the Teacher Education section of this
catalog.

3. Must complete six credits in U.S. History and three credits of American
National Government for certification requirements.

4. Total General University and Major Requirements ........................................ 128
NOTE: Completion of all requirements for graduation with a secondary education option may require more
than 128 credit hours. See the Teacher Education listing for more information.

POLITICAL SCIENCE-SOCIAL SCIENCE
EDUCATION MINOR 15 HOUR OPTION
American National Government PO 101 .............................................................. 3
Contemporary Political Ideologies PO 141 .......................................................... 3
International Relations PO 231 ........................................................................... 3
Two upper division political science elective courses ........................................ 6
Total .................................................................................................................. 15

Political Science Internship Program
Participation in the internship program is strongly encouraged for Political
Science majors. Political Science internships are most appropriate for junior
and senior students. Students may serve as interns in the Idaho State
Legislature, Office of the Governor, the Lt. Governor, or the Attorney
General. In addition to providing valuable work experience, students may
carry up to 12 academic credits for interning. These academic credits may
be earned for every 150 hours interning. Interns are also placed with local
governments and the public affairs offices of major corporations.

POLITICAL SCIENCE MINOR
For students who wish to major in another field, the department of political
science offers an option of a minor in Political Science. The student must
complete 21 credits in Political Science in addition to the requirements for
their major. Students are required to take 9 lower division credits and 12
upper division credits, from the following course offerings. Each student
seeking this minor must get approval from the department chair in the
political science department.

NINE CREDITS FROM THE FOLLOWING COURSES:
American National Government PO 101 .............................................................. 3
State & Local Government PO 102 .................................................................. 3
Contemporary Political Ideologies PO 141 .......................................................... 3
International Relations PO 231 ........................................................................... 3
Intro to Political Inquiry PO 298 ......................................................................... 3

TWELVE CREDITS FROM THE FOLLOWING COURSES:
American Parties & Interest Groups PO 301 ....................................................... 3
Public Opinion & Voting Behavior PO 302 ....................................................... 3
Intro to Public Administration PO 303 ............................................................. 3
Urban Politics PO 308 ...................................................................................... 3
American Chief Justice PO 309 ......................................................................... 3
Public Finance PO 310 ...................................................................................... 3
Comparative Foreign Policy PO 311 ................................................................. 3
Legislative Behavior PO 312 .............................................................................. 3
American Policy Process PO 320 ...................................................................... 3
Introduction to Comparative Politics PO 321 .................................................... 3
Politics in Russia and Eastern Europe PO 324 .................................................. 3
Politics of Industrialized Nations PO 329 .......................................................... 3
Canadian Politics PO 330 .................................................................................. 3
American Political Theory PO 331 .................................................................... 3
Comp Govt & Pol of Develop Nations PO 333 .................................................. 3
United States Foreign Policy PO 335 ............................................................... 3
Environmental Politics PO 340 ......................................................................... 3
Constitutional Law PO 351 ............................................................................... 3
American Political Economy PO 381 ............................................................... 3
Advanced Political Science Methods PO 398 .................................................... 3
International Law & Organization PO 421 ....................................................... 3
International Political Economy PO 429 ........................................................... 3
Western Political Theory I PO 441 .................................................................... 3
Western Political Theory II PO 442 ................................................................. 3
Comparative Legal Systems PO 451 ................................................................. 3
Administrative Law PO 467 ............................................................................... 3
Intergovernmental Relations PO 469 ................................................................. 3
Organizational Theory & Bureau Structures PO 487 ....................................... 3
Internship PO 493 ............................................................................................. 3

Course Offerings
See page 4 for definition of course numbering system

PO POLITICAL SCIENCE
Lower Division

PO 101 AMERICAN NATIONAL GOVERNMENT (3-0-3)(F/S)(AREA II). Institutions
and processes of American political system, emphasizing social, ideological and
constitutional background.

PO 102 STATE AND LOCAL GOVERNMENT (3-0-3)(F/S). Institutions and
processes of state and local government, with emphasis on state institutions and
processes, federalism and subnational political economies.

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

PO 231 INTERNATIONAL RELATIONS (3-0-3)(F/S)(AREA II). Nature of relations
among nations with particular reference to contemporary international issues.
Analysis of the causes of war and efforts to promote peace. Study of national
sovereignty and its relation to international cooperation.

PO 298 INTRODUCTION TO POLITICAL INQUIRY (3-0-3)(F). Introduction to
techniques of political science inquiry, concentrating on behavioral and attitudinal data
analysis. Includes an introduction to statistics and computer applications.

Upper Division

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

PO 302 PUBLIC OPINION AND VOTING BEHAVIOR (3-0-3)(S). Development of
public opinion and voting behavior. Empirical research from a variety of fields for
understanding and analysis of factors that mold popular attitudes and political
behavior. PREREQ: PO 101 or 102.

PO 303 INTRODUCTION TO PUBLIC ADMINISTRATION (3-0-3)(F/S). Theory,
administrative organization, functions and problems of governmental units PREREQ:
PO 101.

PO 306 URBAN POLITICS (3-0-3)(S). An inquiry into different urban political
systems and issues. Included are investigations into different governing arrangements in
urban jurisdictions including variations in electoral structures, types of governing
bodies and different government structures. Also included is an analysis of the role of
political parties and interest groups, as well as urban issues such as transportation,
transportation, service delivery and financing. PREREQ: PO 102 or PERMINST.
Alternate years.
PO 309 AMERICAN CHIEF EXECUTIVE (3-0-3)(F). Consideration of the importance and involvement of the President in the political and policy-making processes and powers of the Presidency. Presidential campaigns and elections. Role of the President as policy-maker and administrator. Effect of personality of a President on performance in office. PREREQ: PO 101.

PO 310 PUBLIC FINANCE (3-0-3)(S). Fiscal aspects of planning and control of governmental units. Principles of taxation and other revenues, government indebtedness and policy-making. (Interdepartmental course with department of economics students cannot receive credit for both PO 310 and EC 310). PREREQ: EC 205, 206.

PO 311 COMPARATIVE FOREIGN POLICY (3-0-3)(F). Examination of foreign policies and objectives of world's major powers; analysis of contemporary international problems; consideration of theories of international politics. PREREQ: PO 101 or 231 or PERM/INST.

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

PO 320 AMERICAN POLICY PROCESS (3-0-3)(S). Process through which policy is determined, implemented and adjusted, with emphasis on role of administrators.

PO 321 INTRODUCTION TO COMPARATIVE POLITICS (3-0-3)(F). An introduction to the cross-national analysis of the structure and functioning of various types of political systems, with special emphasis on the problems of political change. PREREQ: PO 101 or PO 231 or PERM/INST.

PO 322 POLITICS IN RUSSIA AND EASTERN EUROPE (3-0-3)(S). A comparative analysis of the political systems of the former Soviet republics and Eastern Europe, with primary emphasis on Russia. Special attention will be given to the collapse of communism, the problem of democratization and the transition from state to socialism to a market economy. PREREQ: PO 101 or PO 231. Alternate years.

PO 323 POLITICS OF INDUSTRIALIZED NATIONS (3-0-3)(F/S). Political systems of selected industrialized nation-states, including Great Britain, France, German Federal Republic, Japan and Scandinavian states. Analysis of patterns of political culture, political interests, political power and selected public policy issues. PREREQ: PO 101 or PO 231 or PERM/INST.

PO 330 CANADIAN POLITICS (3-0-3)(F). An analysis of the Canadian political system, with emphasis on political culture, governmental institutions and processes, and selected public policy issues. PREREQ: PO 101 or PERM/INST. Alternate years.

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

PO 333 COMPARATIVE GOVERNMENTS AND POLITICS OF DEVELOPING NATIONS (3-0-3)(F/S). Political systems of selected nations in developing areas of the world, including nation-states in Africa, Asia and Latin America. Patterns and problems of political development and modernization in the nations will be analyzed. PREREQ: PO 101 or PO 231. Alternate years.

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

PO 340 ENVIRONMENTAL POLITICS (3-0-3)(F/S). This course explores the political context of natural resource and environmental issues and examines how various aspects of the political process influence natural resource and environmental policy outcomes. PREREQ: PO 101 or PERM/INST.

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

PO 381 AMERICAN POLITICAL ECONOMY (3-0-3)(F/S). Focuses on the interface between American politics and economics. Topics include: theories of the capitalist state and society, and different interpretations of American political economy through competing theoretical approaches. PREREQ: PO 101 or 141 or PERM/INST. Alternate years.

PO 398 ADVANCED POLITICAL SCIENCE METHODS (3-0-3)(S). Examination of discipline of political science, its central problems and unifying concepts; techniques of scientific political investigation as they relate to improved research methods. PREREQ: PO 298 or PERM/INST.

PO 421 INTERNATIONAL LAW AND ORGANIZATION (3-0-3)(F). Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practice of international law. Historical background of international organizations, including the United Nations. PREREQ: PO 101, 231 or PERM/INST.

PO 429 INTERNATIONAL POLITICAL ECONOMY (3-0-3)(F/S). Examines the relationship between international politics and international economics across different levels of analysis. Includes a discussion of the international political economy, as well as an analysis of the many relationships between/among different nation-state groupings within the world system. PREREQ: PO 101, 231 or PERM/INST. Alternate years.

PO 441 WESTERN POLITICAL THEORY I (3-0-3)(F). Development of political thought since Socrates. Alternate years.

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

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

PO 467 ADMINISTRATIVE LAW (3-0-3)(F/S). Sources of power and duties of administrative agencies, rules and regulations made by agencies through investigation and hearings, judicial decisions and precedents relating to administrative activities. PREREQ: PO 303 or PERM/INST.

PO 469 INTERGOVERNMENTAL RELATIONS (3-0-3)(F/S). Interunit cooperation and conflict in the American federal system, including state-local relationships and metropolitan dispersion and integration. PREREQ: PO 101, 102, 303.

PO 487 ORGANIZATIONAL THEORY AND BUREAUCRATIC STRUCTURES (3-0-3)(F/S). Sociopolitical analysis of theories and concepts of complex social organizations, their application to public administration and the inter-relationship between political science and sociological organizational theory.

PO 493 INTERNSHIP (Variable credit). Upper division students may arrange through the department for an internship program. The legislative internship is a part of this program and application for it should be made in early October. PREREQ: Cumulative GPA of 2.50 or higher.
Department of Psychology

Education Building, Room 629
Telephone (208) 386-1207

Chair and Professor: Mark Snow; Professors: Aanooshian, Chastain, Dodson; Assistant Professors: Hoyt, Jurden, Landrum, Seibert.

Degrees Offered
- B.A. and B.S. in Psychology

Special Information for Students
1. The College of Social Sciences and Public Affairs, through its department of psychology, confers a baccalaureate degree in psychology. Because of the core requirements for all candidates, it is regarded as a degree in general psychology; but some latitude is allowed within the framework set by those requirements. The student should be aware that the total program is designed to produce a graduate with a strong background in basic psychology, and should not regard successful completion of that program as preparation for professional work in psychology. Rather, the student should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.
2. Psychology is classified as a social science by the university, but not by the State Department of Education. You may apply psychology toward a baccalaureate degree in Social Sciences. (In this catalog see the sections on Economics, History, Political Science, Anthropology and Sociology.) If you do that, you may be certified to teach the subjects that are classified by the State as "social studies," but you will not be certified to teach psychology unless you also meet the requirements for the Minor Certification Endorsement.
3. Any student who is planning a career of counseling in the schools should major either in Elementary Education or in some subject matter area that includes a Secondary Education Option. Psychology courses often are explicitly prescribed parts of such programs; additional courses may be taken as electives.
4. Every psychology course that is specifically required for the baccalaureate degree in psychology must be passed with a grade of "C" or better in order to qualify a student for that degree.

Degree Requirements

Upper Division Admission
All psychology majors must petition for upper division standing in the major. The evaluation of these petitions, as completed by the Psychology Major Selection Committee, serves to inform students of the likelihood of successful completion of upper division requirements for the psychology major.

Psychology majors who have not been admitted to upper division standing in the major will not be allowed to enroll in upper division psychology courses; majors without upper division standing will be administratively withdrawn from upper division courses. Students with majors other than psychology (e.g., Social Work, Social Science) can enroll in upper division courses as long as they have fulfilled other stated prerequisites. However, students who have not been admitted to upper division standing by the Psychology Major Selection Committee will be denied a B.A./B.S. degree with a major in psychology. To petition for upper division standing, psychology majors must submit a completed petition form and a current transcript to the Psychology Major Selection Committee. These materials must be received by the Psychology Major Selection Committee prior to the preregistration period for the semester for which the student is seeking upper division standing. Specific deadline dates will be posted in E-629. Minimum requirements for upper division standing in psychology include the following:

1. Admission to Boise State University.
2. Successful completion of the following courses with a grade of 'C' or higher:
   A. E 101 and E 102 English Composition.
   B. B 100 Concepts of Biology.
   C. Z 107 Concepts of Human Anatomy & Physiology or Z 111 Human Anatomy & Physiology.
   D. One Core course in Mathematics (Area III) or 8 credits in mathematics (if not Area III Core courses).
   E. P 101 General Psychology.
   F. P 225 Physiological Psychology.
   G. P 235 Statistical Methods.
3. Completion of at least 58 credit hours (including courses in progress at time of application).
4. Cumulative GPA of at least 2.50.

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### Bachelor of Arts or Bachelor of Science Degree

**PSYCHOLOGY MAJOR**

#### Bachelor of Arts or Bachelor of Science Degree

1. **Lower division:**
   - A. English Composition .......................... 3-6
   - B. Area I Core Arts and Humanities Total Credits .......................... 12
   - Literature ............................................. 3
   - Second Area I Field .................................... 3
   - Third Area I Field ..................................... 3
   - Any Area I Field ....................................... 3
   - C. Social Sciences Total Credits .................. 22
   - Area II Core Courses ................................ 12
   - General Psychology P 101 .......................... 3
   - History .................................................. 3
   - Third Area II field ................................... 3
   - Any Area II field ..................................... 3
   - Non-core courses: .................................... 10
   - Physiological Psychology P 225 .................. 3
   - Statistical Methods P 295 .......................... 3
   - Computer Applications in Social Science SO 210 ............... 4
   - D. Natural Science/Math Total ..................... 16
   - Area III Core courses ............................ 12
   - Concepts of Biology B 100 .......................... 4
   - Area III - Second Field ............................. 4
   - Area III - Any Field ................................. 4
   - Non-core courses: .................................... 4
   - Concepts of Human Anatomy & Physiology Z 107 or
     *Human Anatomy & Physiology Z 111 ............... 4
   - *Mathematics ........................................... 8

   *If the selected mathematics courses are Area III Core courses, they may also apply toward the requirement of 12 credits in the Area III Core, Z 111, if selected, can also be applied toward the Area III Core requirement.

2. **Upper division:**
   - A. Psychology Total Credits ....................... 25
   - Experimental Design P 321 .......................... 4
   - Learning P 441 ......................................... 3
   - Systems Seminar P 489 ............................. 3
   - P 405, P 421, or P 498 .............................. 3
   - P 341, P 343, or P 345 .............................. 3
   - Two courses from the following: .................. 6
     - P 301, P 309, P 310, P 351, P 431
   - Psychology elective ................................ 3
   - B. Upper division Elective Credits ............... 15
   - C. Free Elective Credits ............................ 32-35
PSYCHOLOGY MINOR

General Psychology P 101 ................................................. 3
Statistical Methods P 295 ................................................. 3
Perception P 341, The Psychology of Thought P 343, or
The Psychology of Language P 345 ........................................ 3
Two of the following courses: Abnormal Psychology,
Life-span Development I P 308, Life-span Development II P 310,
Personality P 351, Social Psychology P 431 ........................................ 3
Upper division Psychology electives ........................................ 6

Total 21

PSYCHOLOGY REQUIREMENTS

FOR CERTIFICATION BY STATE DEPARTMENT OF EDUCATION

Minor Certification Endorsement by State Department of Education

General Psychology P 101 ................................................. 3
Statistical Methods P 295 ................................................. 3
Abnormal Psychology P 301 ................................................. 3
Personality P 351 ................................................. 3
Psychology upper division electives ........................................ 6

Total 21

Social Science, Secondary Education Option Major

General Psychology P 101 ................................................. 3
Abnormal Psychology P 301 ................................................. 3
Personality P 351 ................................................. 3
Psychology upper division electives ........................................ 6

Total 15

Recommended Program

PSYCHOLOGY MAJOR

FRESHMAN YEAR

*English Composition E 101-102 ................................................. 3
**Concepts of Human Anatomy & Physiol Z 107 ........................................ 3
***History (e.g. HY 101 or 102) ................................................. 3
**Area I Core Electives ................................................. 3
**Mathematics Elective ................................................. 4
**Area II Core Elective (e.g., AN 102, SO 101) ........................................ 3

Total 16

SOPHOMORE YEAR

*Literature ................................................. 3
**Mathematics Elective ................................................. 4
**Physiological Psychology P 225 ................................................. 3
**Statistical Methods P 295 ................................................. 3
**Area II Core Electives (e.g., AN 102, SO 101) ........................................ 3
**Area I Core Elective ................................................. 3
***General Electives ................................................. 6

Total 15

JUNIOR YEAR

*Computer Applications in Social Sciences SO 210 ........................................ 4
*Experimental Design P 321 ................................................. 4
Psychology Seminar P 398 ................................................. 3
*Learning P 441 ................................................. 3
*P 431, P 343, or P 345 ................................................. 3

Two courses from the following:
P 301, P 309, P 310, P 351, P 431 ................................................. 3
Upper division Psychology Elective ................................................. 3
*Upper division Electives (Psych. or other) ........................................ 3

Total 16

SENIOR YEAR

***Two courses from P 405, P 421, P 498 ................................................. 3
**Systems Seminar P 489 ................................................. 3
*Upper Division Electives (Psych. or other) ........................................ 3
***General Electives ................................................. 10

Total 16

*Specifically required
**Courses approved for the Core
***One course is specifically required. A minimum of two courses is highly recommended for students planning for graduate school
****It is advisable for students planning for graduate school to obtain additional credits in mathematics and the sciences.

Course Offerings

See page 4 for definition of course numbering system.

P 101 GENERAL PSYCHOLOGY (3-0-3)(Area II). An introductory course in psychology and a prerequisite to most other psychology courses. Empirical findings are major concerns in the treatment of such topics as perception, learning, language, intelligence, personality, social interactions and behavioral problems. An overview of scientific methodology is provided.

P 125 BRAIN, MIND AND BEHAVIOR (1-0-1)(Demand). An educational television series with accompanying textbook, the eight one-hour programs focus on the mysteries of consciousness, vision and movement, pain, anxiety and behavior, memory, the relationship between thought and language, schizophrenia and implications of brain research for the future. Examinations will be administered through the mail. (Pass/Fail).

P 211 CHILD PSYCHOLOGY (3-0-3)(Area II). A study of development and adjustment from conception to adolescence with an emphasis on school-aged children. Consideration will be given to both constitutional and environmental factors, to normal growth patterns and to problem areas. Not for psychology majors. Credit cannot be obtained for both P 211 and P 309. PREREQ: P 101.

P 212 ADOLESCENT PSYCHOLOGY (3-0-3)(F,S). Chronologically a continuation of child psychology P 211; the special conditions of adolescent growth and adjustment will be emphasized in this course. Consideration will be given to maturational and social patterns and to behavioral, learning and other problem areas. Not for psychology majors. Credit cannot be obtained for both P 212 and P 310. PREREQ: P 101.

P 225 PHYSIOLOGICAL PSYCHOLOGY (3-0-3)(F). A survey of classical and current problems, with emphasis on central and peripheral nervous systems in the processing of information and organization of behavior. Perception, motivation, emotion and learning are studied from this point of view. PREREQ: P 101, Z 107 or Z 111.

P 251 PSYCHOLOGY OF ADJUSTMENT (3-0-3)(F). Theory, research and techniques related to psychological adjustment and health are examined. Cognitive, emotional, behavioral and environmental factors are studied as they relate to issues of self-concept, self-control and relationships with others. Students are encouraged to apply problem-solving strategies and cognitive/behavioral self-control techniques in the pursuit of their personal goals. PREREQ: P 101.

P 251 HUMAN SEXUALITY (3-0-3)(F). An overview of human sexuality emphasizing both physiological and psychological aspects of sexuality. Topics include sexual anatomy and physiology, sexual response cycle, childbirth, contraception, sexual dysfunctions, sex role development and sexual deviation. Cross cultural values will be examined and a values clarification unit will be included.

P 291 DEATH: A CONFRONTATION FOR EVERYONE (3-0-3)(F). A multi-faceted course dealing with the subject of death and dying, its historical and social ramifications and present impact on the nature of living.

P 295 STATISTICAL METHODS (3-0-3)(F). Statistical concepts and methods commonly used in treatment of data in the social sciences. Topics covered will include: measures of central tendency and of variability, correlation measures, probability and analysis of variance. PREREQ: P 101, High School Algebra.

Upper Division

NOTE: Upper division Psychology courses are reserved for upper division students.

P 369 LIFE-SHAP DEVELOPMENT I (3-0-3)(F). Designed for psychology majors, the course emphasizes theories of human development including psychodynamic, behavioral, social-learning and cognitive. Contemporary views of heredity and environmental contributions will be examined. Research designs appropriate to developmental issues will be explored. The emphasis will be on development from the prenatal period to adolescence. Credit cannot be obtained for both P 211 and P 369. PREREQ: P 101.

P 370 LIFE-SHAP DEVELOPMENT II (3-0-3)(S). A continuation of the study of human development with the emphasis on development from adolescence to death. Credit cannot be obtained for both P 212 and P 370. PREREQ: P 369.

P 371 PSYCHOLOGY OF AGING (3-0-3)(F/S). An examination of the functional changes occurring during the aging process. Topics will include contemporary methods in the study of aging, aging as a part of life-span development in perception, cognition, personality, achievement and family relations. Attention will be given to mental health problems of the aged, diagnosis and therapy. PREREQ: P 101.

P 321 EXPERIMENTAL DESIGN (2-4-4)(F/S). The application of scientific methodology to the study of behavior. Design of experiments, methods of analysis and interpretation of data; reporting of behavioral research. PREREQ: P 295.

P 331 THE PSYCHOLOGY OF HEALTH (3-0-3)(F/S). Principles that have emerged from the experimental analysis of behavior will be examined. The principles include, but are not limited to, operant and classical conditioning. The course will deal with applications of these principles to the understanding and change of phobias, obesity, smoking, alcoholism, aberrant sexual behavior and similar problems. PREREQ: P 101.

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

P 343 COGNITIVE PSYCHOLOGY (3-0-3)(F). This course explores fundamental issues, principles and models involved in the study of mental processes. Topics include the sensory register, attention, working memory, encoding, retrieval, types of memory, comprehension, schemata, constructive and reconstructive processes, problem solving and the emotion/cognition relationship. A course in statistics or research design is strongly recommended. PREREQ: P 101.

P 345 THE PSYCHOLOGY OF LANGUAGE (3-0-3)(F). Examines language structure, types of grammar, problems of meaning, competence versus performance, whether all thinking is verbal, linguistic determinism and cultural factors in language. PREREQ: P 101.

P 351 PERSONALITY (3-0-3)(F). A study of the major contemporary theories and concepts of personality, with special emphasis on psychoanalytic, humanistic and behavioral approaches. PREREQ: P 101.

P 357 PEER COUNSELING: THE HELPING RELATIONSHIP (3-0-3)(F/S). This course will explore relevant dimensions of the helping relationship, especially the role of the helper. Emphasis will be on developing effective communications and fundamental counseling skills through required student participation in role-playing, audio and especially videotaping and group activities. Limited enrollment. PREREQ: P 101. PASS/FAIL.

P 371 SOCIAL PSYCHOLOGY OF SEX ROLES (3-0-3)(F). This course will examine sex roles in our own society. Attention will be given to the development of identity and roles, the social utility and rigidity of sex roles, the implications of sex roles for institutional policy and the effect of such policy on cultural change. This course may be taken for psychology or sociology credit but not for both. PREREQ: P 101 or SO 101.

P 398 PSYCHOLOGY SEMINAR (3-0-3)(S). Selected topics of special interest to persons planning careers in psychology. PASS/FAIL.

P 401 SENIOR REVIEW PRACTICUM (0-3-3)(F). A systematic coverage of the general principles of psychology and an opportunity to teach them to others. Practical experience in rendering academic assistance to beginning students and managing large classes. Seminar discussion of difficulties encountered by those students. PREREQ: Senior or 2nd-semester junior standing in psychology with an upper division GPA above 3.0 and PERM/INST.

P 405-405G ADVANCED STATISTICAL METHODS (3-0-3)(S). Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced topics in univariate statistics (e.g., repeated measurements designs) as well as current multivariate techniques such as discriminant analysis, factor analysis and principal component analysis. PREREQ: P 295 or equivalent or PERM/INST.


P 431 SOCIAL PSYCHOLOGY (3-0-3)(S). The primary focus is the individual; the unit of analysis, the interpersonal behavior event. A study of individual motives, emotions, attitudes and cognition with reference to interactions with other human beings. This course may be taken for psychology or sociology credit, but not both. SO 101 and a course in statistics or research design are strongly recommended. PREREQ: P 101.

P 441 LEARNING (3-0-3)(F). Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: conditioning, rote learning, problem solving, memory, discrimination and motor skills. PREREQ: P 101 and P 295.

P 451 ENVIRONMENTAL PSYCHOLOGY (3-0-3)(F). This course investigates how various aspects of natural and built environments influence human behavior and mental health. Lecture topics and student projects focus upon current environmental research and theories in such topics as conservation attitudes, spatial cognition, crowding, environmental hazards, work environments and human needs in designed and wilderness spaces. A course in statistics or research design is strongly recommended. PREREQ: P 101.

P 455 INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY (3-0-3)(S). This course examines the psychological theories and methodologies used to respond to the needs of industries and other organizations and to those of the individuals and groups within organizational settings. Topics include organizational theory, organizational behavior, motivation, job satisfaction, job design, group processes, leadership, performance evaluation, selection, placement, training and development. PREREQ: P 101.

P 459 PSYCHOLOGY AND LAW (3-0-3)(F). The course provides an overview of research in the field of psychology and the law and documents how psychological research relates to pressing issues facing the judicial system. A partial list of the topics covered include: eyewitness testimony, jury deliberations, criminal behavior, evidence and the structure and function of the legal system. A course in statistics or research design is strongly recommended. PREREQ: P 101.

P 489 SYSTEMS SEMINAR (3-0-3)(S). Theories and controversies in American Psychology. After a four-week historical orientation by the professor, the emphasis shifts to the present and more recent past and the format shifts from lecture to seminar. PREREQ: Senior standing in psychology.

P 491 INTERNSHIP IN PSYCHOLOGY (Variable Credit). Some internship experiences are available through the department. Credit may be granted for psychological activities in applied settings. PREREQ: Upper division standing, psychology major, cumulative GPA above 3.00 and PERM/INST.

P 495 SENIOR THESIS (3-0-3)(F/S). An individual research project in psychology selected by student. Proposal must be approved by instructor before enrolling. Recommended projects are those which will contribute to the body of psychological knowledge or will apply psychological principles to practical problems. Recommended for psychology students planning on graduate school. PREREQ: P 101 and P 321, P 321, P 495, P 499, PERM/INST.

P 496 INDEPENDENT STUDY IN PSYCHOLOGY (Variable Credit). Independent Study is an opportunity to earn academic credit outside of the established curriculum. It assumes the confluence of two streams of interest: that of a student and that of a professor. Thus, enrollment is contingent on a voluntary commitment to the project by both parties. PREREQ: Upper division standing, psychology major, cumulative GPA above 3.00 and PERM/INST.

P 498 EXPERIMENTAL RESEARCH SEMINAR I (1-4-3)(S). A research topic, along with its theoretical background and relevant empirical findings, will be supplied by the instructor to each student. The student will learn to operate the necessary apparatus; to prepare instructions, explanation and written materials; to run subjects; to analyze results; and to write a research report in American Psychological Association style. Students should not enroll in this course unless they intend to complete P 499 in the next fall semester. PREREQ: P 321, PERM/INST.

P 499 EXPERIMENTAL RESEARCH SEMINAR II (1-4-3)(F). A continuation of the research activities initiated in P 498 with an emphasis on data analysis and the final preparation of a research report to be submitted for presentation at a professional convention. PREREQ: P 498.