2008-2010 UNDERGRADUATE CATALOG
ALTERNATIVE NATURAL SCIENCE COURSES
SPRING 2012

- Only 6 hours from Sections 1 & 2 may be used to satisfy Natural Science requirements.
- The courses on this list are not offered every semester.
- The courses on this list may have restrictions or additional prerequisites.
- Only 3 hours from Section 2 may be used to satisfy Natural Science requirements:

Section 1: Alternative Science Courses

- ANT 310L**, PRIMATE COGNITION
- ANT 324L**, 33-GIS/REM SNS FOR ARCHAEOLOGY/PALEONTOLOGY
- ANT 325L, PRIMATE ANATOMY
- ANT 346L, PRIMATE SOCIAL BEHAVIOR
- ANT 346M, COMPARATIVE PRIMATE ECOLOGY
- ANT 347C, METHODS IN PRIMATE BIOLOGY
- ANT 348, HUMAN ORIGINS & EVOLUTION
- ANT 348K**, CURRENT TOPICS IN PALEONTOLOGY
- ANT 349C, HUMAN VARIATION
- ANT 349D, ANTHROPOLOGICAL GENETICS
- ANT 350C, PRIMATE SENSORY ECOLOGY
- ANT 351E, PRIMATE EVOLUTION
- ANT 366, ANAT AND BIO OF HUMAN SKELETON
- BME 301, WORLD HEALTH AND BIOTECHNOLOGY
- CHE 311, ENGR SUSTAINABLE TECHNOLOGIES
- CSD 311K, PHONETIC DESCRIPTION OF SPEECH
- CSD 313L, HEARING SCIENCE
- CSD 358, ANAT/PHYS SPEECH/HEARING MECHE
- GRG 333C, SEVERE AND UNUSUAL WEATHER
- GRG 333K, CLIMATE CHANGE
- GRG 334C, ENVIRONMENTAL HAZARDS
- GRG 334K, SOILS
- GRG 335C, QUATERNARY LANDSCAPES
- GRG 335K, MOUNTAIN GEOECOLOGY
- GRG 335N, LANDSCAPE ECOLOGY
- GRG 338C, RIV/LANDSCAPE, FLUVIAL GEOMORPH
- GRG 339, PROCESS GEOMORPHOLOGY
- GRG 366C, COMPARATIVE ECOSYSTEMS
- GRG 366K, BIOECOLOGY
- GRG 367K, VEGETATION ECOLOGY
- HIS 365C**, SCIENCE, ETHICS, & SOCIETY
- HIS 366N**, BIOLOGY, BEHAVIOR, & INJUSTICE
- KIN 324K, APPLIED HUMAN ANATOMY
- LIN 313, LANGUAGE AND COMPUTERS
- LIN 344K, PHONET: PROD/PERCPT SPE SOUNDS
- LIN 350**, INTRO TO COMPUTATION LING
- LIN 350**, I-LANGUAGE AND THE BRAIN
- LIN 350**, NATURAL LANGUAGE PROCESSING
- LIN 358S, FUNDAMENTALS OF SPEECH SCIENCE
- PHIL 312*, INTRODUCTION TO LOGIC
- PHIL 313*, INTRODUCTORY SYMBOLIC LOGIC
- PHIL 313K*, LOGIC, SETS, AND FUNCTIONS
- PHIL 313Q*, LOGIC AND SCIENTIFIC REASONING
- PHIL 344K, INTERMEDIATE SYMBOLIC LOGIC
- PHIL 358, PHILOSOPHICAL LOGIC
- PSY 308, BIOPSYCHOLOGY
- PSY 418, STATISTICS & RESEARCH DESIGN
- PSY 525, PERCEPTION
- PSY 523P, PERCEPTRON, NEURONS/BEHAVIOR
- PSY 523S, SEX DIF EN COGNIT/PERCEPTR
- PSY 525K, ADVANCED STATISTICS
- PSY 532, BEHAVIORAL NEUROSCIENCE
- PSY 532C, HORMONES AND BEHAVIOR
- PSY 535K, PSYCHOPHARMACOLOGY
- PSY 598, EXPERIMENTAL PSYCHOLOGY
- PSY 571, LEARNING AND MEMORY
- SOC 308**, 2-WOMEN'S REP RIS IN NONSEX MAJ
- SOC 317L, INTRO TO SOCIAL STATISTICS
- T C 310*, MODES OF REASONING

Section 2: History or Philosophy of Science Courses

- ANT 324L**, ANTHROPOLOGICAL HEALTH & ILLNESS
- HIS 322D, GREAT REVOLUTIONS OF 17TH CEN
- HIS 322G, HISTORY OF MODERN LIFE SCIENCES
- HIS 322M, HISTORY OF MODERN SCIENCE
- HIS 329U, PERSPECTIVES ON SCIENCE & MATH
- HIS 350L*, BIOL/HUMAN NATURE SINCE DARWIN
- HIS 350L**, EINSTEIN IN AGES OF CONFLICTS
- HIS 350L***, SCIENCE, TECHNOLOGY, AND WAR
- PHL 316K, SCIENCE AND PHILOSOPHY
- PHL 322, SCIENCE AND THE MODERN WORLD
- PHL 325M, MEDICINE, ETHICS, AND SOCIETY
- PHL 329U, PERSPECTIVES OF SCIENCE AND MATH
- PHL 344M, PHILOSOPHY OF MATHEMATICS
- PHL 363, SCIENTIFIC METHOD
- PHL 363L**, TOPICS IN PHILOSOPHY OF SCIENCE

* Only one of the following may be counted: PHL 312 may not be taken if credit for PHL 313, 313K, 313Q, or 344K has previously been earned.
** Only this specified topic title may be used to satisfy the requirement.
*** All topic titles may be used to satisfy the requirement.
2008-2010 UNDERGRADUATE CATALOG
COLLEGE OF LIBERAL ARTS MATH & NATURAL SCIENCE REQUIREMENTS FOR THE BACHELOR OF ARTS, PLAN I

18 HOURS OF MATH & SCIENCE AS follows:

<table>
<thead>
<tr>
<th>UNIVERSITY CORE REQUIREMENTS</th>
<th>COLLEGE OF LIBERAL ARTS REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics (020) 3 hours A</td>
<td>Math: 3 hours excluding M 301, 316K, and 316L</td>
</tr>
<tr>
<td></td>
<td>May be fulfilled by Core Requirement in Mathematics</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Natural Science, Part I (030) 6 hours in a single field of study A</th>
<th>Natural Science: 6 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Selected from Astronomy, Biology, Chemistry, Geology, Marine Science, Nutrition, Physical Science, Physics, Mathematics, Computer Science, Statistics and Scientific Computations, or list of approved alternatives B C</td>
</tr>
</tbody>
</table>

| Natural Science, Part II (031) 3 hours in a field of study different from that used in Part I A |

NOTES FOR CORE & LIBERAL ARTS REQUIREMENTS:

A Must be from approved core list.

B Notes for Core and Liberal Arts Math & Science Requirements:
1) Max. 9 hours in one subject can be used for the Core and Liberal Arts natural sciences/math requirements combined.
2) Max. 12 hours in M, C S, & SSC combined can be used for the Core and Liberal Arts natural sciences/math requirements combined.
3) Max. of 3 hours in either the history of science or the philosophy of science may be used.

C Lists of approved alternatives available on the reverse side.

NOTE FOR ECONOMICS MAJORS:
- Economics majors must complete either M 408C and M 408D, OR M 408K and M 408L and M 408M, with a grade of at least C in each;

NOTE FOR URBAN STUDIES MAJORS:
- Urban Studies majors must complete M 408C OR M 408K, and M 316, with a grade of at least C in each.

NOTE FOR PSYCHOLOGY MAJORS:
- This worksheet is not for students seeking a Bachelor of Science in Psychology.