

AREA 'C' MATH & SCIENCE REQUIREMENT FOR THE BACHELOR OF ARTS, PLAN I APPROVED ALTERNATIVE COURSES SUMMER/FALL 2008 & SPRING 2009

- Only 6 hours from Items 11-15 may be used toward the Area 'C' requirement, and only for items D) and E) on the Area C worksheet shown on the reverse side of this page.
- The courses on this list are not offered every semester.
- The courses on this list may have restrictions or additional prerequisites.

Item 11: Experimental Psychology

PSY 308, BIOPSYCHOLOGY
 PSY 418, STATISTICS & RESEARCH DESIGN
 PSY 323, PERCEPTION
 PSY 323P, PERCEP SYS: NEURONS/BEHAV/ EVOL
 PSY 323S, SEX DIFS IN COGNITN/PERCEPTN
 PSY 325K, ADVANCED STATISTICS
 PSY 332, BEHAVIORAL NEUROSCIENCE
 PSY 332C, HORMONES AND BEHAVIOR
 PSY 353K, PSYCHOPHARMACOLOGY
 PSY 458, EXPERIMENTAL PSYCHOLOGY

Item 12: Physical Anthropology

ANT 301, PHYSICAL ANTHROPOLOGY
 ANT 304, INTRO ARY STDS I: PREHIST ARY
 ANT 323K, PRIMATE BEHAVIOR
 ANT 432L, PRIMATE ANATOMY
 ANT 348, HUMAN ORIGINS & EVOLUTION
 ANT 348K, CURRENT TOPICS IN PALEOANTHRO
 ANT 366, ANAT & BIO OF HUMAN SKELETON

Item 13: Physical Geography

GRG 301C, THE NATURAL ENVIRONMENT
 GRG 301K, WEATHER AND CLIMATE
 GRG 304E, ENVIR SCI: A CHANGING WORLD
 GRG 333C, SEVERE & 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/LANDSCP: FLUVIAL GEOMORPH
 GRG 339, PROCESS GEOMORPHOLOGY
 GRG 366C, COMPARATIVE ECOSYSTEMS
 GRG 366K, BIOGEOGRAPHY
 GRG 367K, VEGETATION ECOLOGY

Item 14: Philosophy Logic

PHL 312*, INTRODUCTION TO LOGIC
 PHL 313*, INTRODUCTORY SYMBOLIC LOGIC
 PHL 313K*, LOGIC, SETS, AND FUNCTIONS
 PHL 313Q*, LOGIC & SCIENTIFIC REASONING
 PHL 344K, INTERMEDIATE SYMBOLIC LOGIC
 PHL 358, PHILOSOPHICAL LOGIC

Item 15: Other Alternative Sciences

CSD 313L, HEARING SCIENCE
 BME 301, WORLD HEALTH & BIOTECHNOLOGY
 CHE 311, ENGR SUSTAINABLE TECHNOLOGIES
 KIN 324K, APPLIED HUMAN ANATOMY
 LIN 312**, LANGUAGE AND COMPUTERS
 LIN 344K, PHONET: PROD/PERCPT SPE SOUNDS
 LIN 350**, INTRO TO COMPUTATION LING
 LIN 350**, 1-LANGUAGE AND THE BRAIN
 LIN 358S, FUNDAMENTALS OF SPEECH SCIENCE
 PHL 325M, MEDICINE, ETHICS, & SOCIETY
 T C 310*, MODES OF REASONING
 R S 373**, BIOMEDICINE, ETHICS & CULTURE
 SOC 308**, 2-WOM'S REPROD HLTH NONSCI MAJ
 STS 332, NANOTECHNOLOGY & SCI REVOL

- Only 3 hours from Item 16 may be applied to item E) on the Area C Worksheet shown on the reverse side of this page:

Item 16: History & Philosophy of Science

ANT 324L**, ANTHROPOL OF HEALTH & ILLNESS
 HIS 322C, CUL HIST OF WORLD SCI TO 1650
 HIS 322D, SCIENTIF REVOLUTN OF 17TH CEN
 HIS 322G, HIST OF MODERN LIFE SCIENCES
 HIS 322M, HISTORY OF MODERN SCIENCE
 HIS 329U, PERSPECTIVES ON SCIENCE & MATH
 HIS 350L**, BIOL/HUMAN NATURE SNC DARWIN

HIS 350L**, CHINESE SCI/TECHNOL/MEDICINE-W
 PHL 316K, SCIENCE AND PHILOSOPHY
 PHL 322, SCIENCE AND THE MODERN WORLD
 PHL 329U, PERSPECTVS OF SCIENCE AND MATH
 PHL 344M, PHILOSOPHY OF MATHEMATICS
 PHL 363, SCIENTIFIC METHOD
 PHL 363L, PHILOSOPHY OF SCIENCE

* Only one of the following may be counted; PHL 312 may not be taken if credit for PHL 313, 313K or 313Q has previously been earned.
 ** Only this specified topic title may be used to satisfy the requirement.

AREA C REQUIREMENTS

FOR THE BACHELOR OF ARTS, PLAN I 2006-2008 LIBERAL ARTS CATALOG

18 HOURS^a OF MATH & SCIENCE AS FOLLOWS:

- A) 3 hours of MATH^b
excluding 301, 316K, or 316L () _____
- B) 6 hours in one subject from items 1-8 () _____
() _____
- C) 3 hours from items 1-10 () _____
- D) 3 hours from items 1-15 () _____
- E) 3 hours from items 1-16 () _____

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|------------------------------------|--|
| 1. ASTRONOMY | 11. EXPERIMENTAL PSYCHOLOGY ^d |
| 2. BIOLOGY | 12. PHYSICAL ANTHROPOLOGY ^d |
| 3. CHEMISTRY | 13. PHYSICAL GEOGRAPHY ^d |
| 4. GEOLOGICAL SCIENCES | 14. PHILOSOPHY LOGIC ^d |
| 5. MARINE SCIENCE | 15. OTHER ALTERNATE SCIENCE ^d |
| 6. NUTRITION | COURSES APPROVED BY |
| 7. PHYSICAL SCIENCE ^c | DEAN |
| 8. PHYSICS ^c | 16. HISTORY OF SCIENCE *OR |
| 9. MATHEMATICS ^b | PHILOSOPHY OF SCIENCE ^d |
| 10. COMPUTER SCIENCES ^b | |

^a Maximum 9 hours in any one subject; M 301 or its equivalent may not be used in Area C

^b Maximum 12 hours of combined Math & Computer Sciences may be used

^c Physical Science and Physics may be combined for 6 hours in one subject (part B)

^d SEE REVERSE SIDE OF THIS PAGE FOR AN UPDATED LIST OF APPROVED ALTERNATIVE COURSES IN THESE SUBJECTS

***NOTE: 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; Urban Studies majors must complete M 408C OR M 408K, and M 316, with a grade of at least C in each.

***NOTE: This worksheet is not for students seeking a Bachelor of Science in Psychology.