2006-08 UNDERGRADUATE CATALOG
AREA ‘C’ MATH & SCIENCE REQUIREMENTS FOR THE
BACHELOR OF ARTS, PLAN I APPROVED ALTERNATIVE COURSES
SUMMER/FALL 2012

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
PSY 371, LEARNING AND MEMORY

Item 12: Physical Anthropology

ANT 301, PHYSICAL ANTHROPOLOGY
ANT 304, INTRO ARY STD'S: PREHIST ARY
ANT 310L**, INTRO TO PRIMATE COGNITION
ANT 324L**, 33-GIS/REM SNS ARCHAEOLOGY/PALEO
ANT 432L, 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 PALEOANTHRO
ANT 349C, HUMAN VARIATION
ANT 349D, ANTHROPOLOGICAL GENETICS
ANT 350C, PRIMATE SENSORY ECOLOGY
ANT 351E, PRIMATE EVOLUTION
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

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

BME 301, WORLD HEALTH & BIOTECHNOLOGY
CSD 311K, PHONETIC DESCRIPTION OF SPEECH
CSD 313L, HEARING SCIENCE
CSD 358, ANAT/PHYS SPEECH/HEARING MECH
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**, 1-LANGUAGE AND THE BRAIN
LIN 353C, INTRO TO COMPUTATION LING
LIN 353N, NATURAL LANGUAGE PROCESSING
LIN 358S, FUNDAMENTALS OF SPEECH SCIENCE
R S 373**, BIOMEDICINE, ETHICS & CULTURE
SOC 308**, 2-WOM'S REPROD HLTH NONSCI MAJ
SOC 317L, INTRO TO SOCIAL STATISTICS
SSC, ALL COURSES
T C 310*, MODES OF REASONING

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

Item 16: History & Philosophy of Science

ANT 324L**, ANTHROPOL OF HEALTH & ILLNESS
HIS 322D, SCIENTIFIC REVOLUTION OF 17TH CEN
HIS 322G, H I S T OF MODERN LIFE SCIENCES
HIS 322M, HISTORY OF MODERN SCIENCE
HIS 350L**, BIOL/HUMAN NATURE SNC DARWIN
HIS 350L**, EINSTEIN IN AGE OF CONFLICTS

HIS 350L**, SCIENCE, TECHNOLOGY, AND WAR
PHL 316K, SCIENCE AND PHILOSOPHY
PHL 322, SCIENCE AND THE MODERN WORLD
PHL 325M, MEDICINE, ETHICS, & SOCIETY
PHL 329U, PERSPECTVS 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: HIS 312 may not be taken if credit for HIS 313, 313K or 313Q 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.
**AREA C REQUIREMENTS**

**FOR THE BACHELOR OF ARTS, PLAN I**

**2006-2008 UNDERGRADUATE 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
2. BIOLOGY
3. CHEMISTRY
4. GEOLOGICAL SCIENCES
5. MARINE SCIENCE
6. NUTRITION
7. PHYSICAL SCIENCE\(^c\)
8. PHYSICS\(^c\)
9. MATHEMATICS\(^b\)
10. COMPUTER SCIENCES\(^b\)
11. EXPERIMENTAL PSYCHOLOGY\(^d\)
12. PHYSICAL ANTHROPOLOGY\(^d\)
13. PHYSICAL GEOGRAPHY\(^d\)
14. PHILOSOPHY LOGIC\(^d\)
15. OTHER ALTERNATE SCIENCE\(^d\) COURSES APPROVED BY DEAN
16. HISTORY OF SCIENCE *OR PHILOSOPHY OF SCIENCE\(^d\)

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\(^a\) 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.***