2006-08 UNDERGRADUATE CATALOG
AREA ‘C’ MATH & SCIENCE REQUIREMENTS FOR THE
BACHELOR OF ARTS, PLAN I APPROVED ALTERNATIVE COURSES
SPRING 2014

• 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, PERCEPT SYS: NEURONS/BEHAV/EVOL
PSY 323S, SEX DISRS 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 3585, FUNDAMENTALS OF SPEECH SCIENCE
R S 373M, 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
HIS 322D, SCIENTIFIC REVOLUTION OF 17TH CEN
HIS 322G, HIST OF MODERN LIFE SCIENCES
HIS 322M, HISTORY OF MODERN SCIENCE
HIS 350L**, SCIENCE, TECHNOLOGY, AND WAR
HIS 350L***, EINSTEIN IN AGE OF CONFLICTS
WGS 323**, WOMEN IN SCIENCE

PHL 316K, SCIENCE AND PHILOSOPHY
PHL 322, SCIENCE AND THE MODERN WORLD
PHL 325M, MEDICINE, ETHICS, & SOCIETY
PHL 329U, PERSPECTYS 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 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\textsuperscript{a} OF MATH & SCIENCE AS FOLLOWS:

A) 3 hours of MATH\textsuperscript{b}
excluding 301, 316K, or 316L \hspace{1cm} ( ) \hspace{0.5cm} _________
B) 6 hours in one subject from items 1-8 \hspace{1cm} ( ) \hspace{0.5cm} _________
\hspace{1cm} ( ) \hspace{0.5cm} _________
C) 3 hours from items 1-10 \hspace{1cm} ( ) \hspace{0.5cm} _________
D) 3 hours from items 1-15 \hspace{1cm} ( ) \hspace{0.5cm} _________
E) 3 hours from items 1-16 \hspace{1cm} ( ) \hspace{0.5cm} _________

\begin{itemize}
  \item 1. ASTRONOMY
  \item 2. BIOLOGY
  \item 3. CHEMISTRY
  \item 4. GEOLOGICAL SCIENCES
  \item 5. MARINE SCIENCE
  \item 6. NUTRITION
  \item 7. PHYSICAL SCIENCE\textsuperscript{c}
  \item 8. PHYSICS\textsuperscript{c}
  \item 9. MATHEMATICS\textsuperscript{b}
  \item 10. COMPUTER SCIENCES\textsuperscript{b}
  \item 11. EXPERIMENTAL PSYCHOLOGY\textsuperscript{d}
  \item 12. PHYSICAL ANTHROPOLOGY\textsuperscript{d}
  \item 13. PHYSICAL GEOGRAPHY\textsuperscript{d}
  \item 14. PHILOSOPHY LOGIC\textsuperscript{d}
  \item 15. OTHER ALTERNATE SCIENCE\textsuperscript{d}
  \hspace{0.5cm} COURSES APPROVED BY
  \hspace{0.5cm} DEAN
  \item 16. HISTORY OF SCIENCE *OR
  \hspace{0.5cm} PHILOSOPHY OF SCIENCE\textsuperscript{d}
\end{itemize}

\textsuperscript{a} Maximum 9 hours in any one subject; M 301 or its equivalent may not be used in Area C
\textsuperscript{b} Maximum 12 hours of combined Math & Computer Sciences may be used
\textsuperscript{c} Physical Science and Physics may be combined for 6 hours in one subject (part B)
\textsuperscript{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.