

**2006-08 & PREVIOUS UNDERGRADUATE CATALOGS
 AREA 'C' MATH & SCIENCE REQUIREMENT FOR THE
 BACHELOR OF ARTS, PLAN I APPROVED ALTERNATIVE COURSES
 SUMMER/FALL 2011**

- **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 STDS I: PREHIST ARY
 ANT 310L**, INTRO TO PRIMATE COGNITION
 ANT 324L**, 33-GIS/REM SNS ARCHAEOLOG/PALAEOL
 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 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

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

BME 301, WORLD HEALTH & BIOTECHNOLOGY
 CHE 311, ENGR SUSTAINABLE TECHNOLOGIES
 CSD 311K, PHONETIC DESCRIPTION OF SPEECH
 CSD 313L, HEARING SCIENCE
 CSD 358, ANAT/PHYS SPEECH/HEARING MECH
 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**, NATURAL LANGUAGE PROCESSING
 LIN 350**, 1-LANGUAGE AND THE BRAIN
 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, SCIENTIF REVOLUTN OF 17TH CEN
 HIS 322M, HISTORY OF MODERN SCIENCE
 HIS 329U, PERSPECTIVES ON SCIENCE & MATH
 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, AND 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; 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.