

# Minor Report Form



The University of Arizona  
University College Pre-Health Advising Center  
Integrated Learning Center, Room 103  
PO Box 210070 Tucson, AZ 85721-0070

**TITLE OF MINOR:** *Pre-Health Professions Thematic-Science*

## CORE COURSES

Course Number	Credits	Title
CHEM 241B/243B	4	Organic Chemistry Lecture and Lab (Pre-Requisite: CHEM 103A/104A or 151 and CHEM 103B/104B or 152)
BIOC 460	3	General Protein and General Metabolic (Pre-Requisite:, MCB 181 R/L, CHEM 241B)
PHYS 103 and 182	4	Introductory Physics (P, Physics 102/181)

**11 Core Credits**

## TO COMPLETE THE 18 UNIT MINIMUM MINOR SELECT FROM THE FOLLOWING COURSES

Course Number	Credits	Title
BIOC 461	2	General Nucleic Acid Biochemistry <b>Open to non-majors only</b> (Pre-Requisite: MCB 181 CHEM 241b; CR, 460 (Identical with CHEM 461 and N SC 461). <b>Credit allowed for 461 and 411, but not for both.</b>
ECOL 320	4	Genetics (Pre-Requisite: MCB 181 R/L, Ecol 182, CHEM 103/104B or 152)
ECOL 437	4	Vertebrate Physiology (Pre-Requisite: MCB 181 R/L, ECOL 182) Note: Writing emphasis course
V SC 459	4	Comparative Vertebrate Histology (Pre-Requisite: 12 unites of animal biology, a vertebrate anatomy and/or systematics course is strongly recommended). <b>Note: may be convened with 559</b>
MCB 404	4	Contemporary Biology in Human Affairs
MCB 410	3	Cell Biology (Pre-Requisite: MCB 181 R/L, ECOL 182, BIOC 462A or BIOC 460; recommended ECOL 320 and CR, MCB 411)
MCB 411	3	Molecular Biology (Pre-Requisite: BIOC 462A or BIOC 460, MCB 181 R/L, ECOL 182; recommended ECOL 320)
NRSC 407	4	Neurobiology (Pre-Requisite: MCB 181 R/L, ECOL 182, MCB 410 or equivalent)
MCB 455	3	Developmental Mechanisms (Pre-Requisite: MCB 181 R/L, and advanced course in genetics, molecular or cell biology)
AN S 456	3	Developmental Biology (Pre-Requisite: MCB 181 R/L) <b>Note: May be convened with AN S 556</b>
MCB 470	3	Cell & Environment (Pre-Requisite: MCB 410 and/or Biochemistry)
MIC 429	3	General Virology (Pre-Requisite: MCB 181 R/L or MIC 205, CHEM 241/243B, MCB 411 suggested) <b>Note: may be convened with MBIM 529</b>
PL S 312	4	Plant Genetics (Pre-Requisite: PL S 100 or PL S 130, ECOL 182, CHEM 103A/104A or 151)
PSIO 480	5	Human Physiology (Pre-Requisite: CHEM 243B, MATH 113, PHYS 103; consult with department before enrolling) <b>(offered in Spring)</b>

## **DEFINITION OF MINOR**

The ***Pre-Health Professions Thematic-Science Minor*** is designated to assist non-science students prepare for careers in the health professions. It is intended to provide additional upper-division science course work beyond the introductory level.

## **COMMENTS**

The ***Pre-Health Professions Thematic-Science Minor*** includes the minimum science Pre-Health Curriculum and upper-division science course work recommended for students majoring in a non-science discipline.

APPROVED BY: Pre-Health Professions Advisory Council  
Nancy J. Stiller, Associate Director, University College

Revised: July 14, 2008