

SUGGESTED COURSE SEQUENCING - PRE-HEALTH STUDENTS

No specific major is required for pre-health students. Students who self-declare as pre-med should contact the pre-health advisor for enrollment in the Pre-Health Advising Course Site. Course offerings cannot be guaranteed in the semester displayed. This plan assumes students will be prepared to take MCAT after their junior year.

Major Course
MCAT recommended prep course
Both major and MCAT recommended

Year 1			
COH First-year seminar	3	(1) Course to fulfill major requirements	3
WRT 001 Critical Reading and Composition	3	WRT 002 Research and Argument	3
MATH 051 Survey of Calculus I	4	MATH 052 Survey of Calculus II	3
CHM 030 Introduction to Chemical Principals	4	CHM 031 or CHM 041 Chemical Equilibria in Aqueous Systems	4
		BIOS 041/042* Introduction to Cellular and Molecular & Lab	4
Total Semester Credits:	14	Total Semester Credits:	17

Year 2			
(1) Course to fulfill major requirements	3	(2) Courses to fulfill major requirements	6-8
CGH 104** Sociocultural & Political Determinants of Health	4	CGH 021** Cultural and Health	3
BIOS 115/116 Genetics	4	BSTA 005 OR Statistical Literacy OR	
PSYC 001 Intro to Psychology	4	BSTA 101 & BSTA 102*** Population Health Data Science I & Algorithm Lab	3 or 4
CHEM 110/111 Organic Chemistry I	4	CHEM 112/113 Organic Chemistry II	4
Total Semester Credits:	19	Total Semester Credits:	17-19

Year 3			
(1) Course to fulfill major requirements	3	(3) Courses to fulfill major requirements	9-12
Careers Course (CGH 101 or POPH 104)	3	PHY 013/022 Physics II	4
PHY 010/012 Physics I	4	BIOS 372 Elements of Biochemistry II	3
BIOS 044/045 Introduction to Integrative and Comparative Biology	4		
BIOS 371 Elements of Biochemistry I	3		
Total Semester Credits:	17-19	Total Semester Credits:	16-18

Year 4			
(4) Courses to fulfill major requirements	12-15	(3) Courses to fulfill major requirements	9-12
Major Capstone or Field Experience or substitute credits *discuss with advisor	3-4	Major Capstone or Field Experience or substitute credits *discuss with advisor	3-4
Total Semester Credits:	15-19	Total Semester Credits:	12-16

TOTAL CREDITS: 128-136

NOTES

*First year students accepted into the SEA-PHAGES program will register for BIOS 041 and substitute BIOS 043 for the BIOS 042 lab.

**Recommended courses to prepare students for the sociology section of MCAT include CGH 104 Sociocultural & Political Determinants of Health and CGH 021 Culture and Health. Students are encouraged to use these courses towards their major requirements.

***BSTA 005 Statistical Literacy OR BSTA 101 Population Health Data Science I/BSTA 102 Population Health Data Science I Algorithms Lab fulfills the medical school statistics requirement. MATH 51 & 52 meet the requirements for MCAT preparation.

BA students must take 2 courses in foreign language to fulfill collateral requirement. For purposes of this table, collateral requirements are considered major requirements.

Students in the COH must satisfy a basic set of Distribution Requirements

- Science Writing (12-14 credits)
 - First Year English (WRT 001 and 002, or equivalent)
 - 2 Health Science Writing courses from an approved list
- First Year Seminar (3 credits)
- Determinants of Health (8 credits)--2 courses
- Bioethics (3-4 credits)--1 class from an approved list
- Diversity, Equity, & Inclusion (3-4 credits)--1 class from an approved list
- Sustainability (3-4 credits)--1 class from an approved list

Total minimum credits required 120 credits (B.A.) or 124 credits (B.S.)