

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
ENGL 001	Critical Reading and Composition	3	ENGL 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
	<i>Total Semester Credits:</i>	14	BIOS 041/042*	Introduction to Cellular and Molecular & Lab	4
				<i>Total Semester Credits:</i>	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 001 & BSTA 002***	Population Health Data Science I & Algorithm Lab	3 or 4
CHEM 110/111	Organic Chemistry I	4	CHEM 112/113	Organic Chemistry II	4
	<i>Total Semester Credits:</i>	19		<i>Total Semester Credits:</i>	17-19
Year 3					
(2) Courses to fulfill major requirements		6-8	(2) Courses to fulfill major requirements		6-8
PHY 010/012	Physics I	4	CGH 101 or POPH 104	Careers in Community and Global Health/Population Health	3
BIOS 044/045	Introduction to Integrative and Comparative Biolog	4	PHY 013/022	Physics II	4
BIOS 371	Elements of Biochemistry I	3	BIOS 372	Elements of Biochemistry II	3
	<i>Total Semester Credits:</i>	17-19		<i>Total Semester Credits:</i>	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		3-4	Major Capstone or Field Experience		3-4
	<i>Total Semester Credits:</i>	15-19		<i>Total Semester Credits:</i>	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 requirement.
***BSTA 005 Statistical Literacy OR BSTA 001 Population Health Data Science I/BSTA 002 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 (ENGL 001 and 002, or equivalent)
 - 2 upper-level 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.)