

SUGGESTED COURSE SEQUENCING - PRE-HEALTH/Pop 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		
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 Principles	4	CHM 031 or CHM 041	Chemical Equilibria in Aqueous Systems	4
COH First-year seminar		3	BIOS 041/042	Introduction to Cellular and Molecular & Lab	4
Total Credits:		14	POPH 001	Introduction to Population Health	3
			Total Credits:		17
Year 2					
POPH 002	Population Health Research Methods & Application	3	Bioethics course		3
*CGH 104	Sociocultural & Political Determinants of Health	4	Health elective		3
CHEM 110/111	Organic Chemistry I	4	*CGH 021 (DEI)	Culture and Health	3
BIOS 115/116	Genetics	4	**BSTA 001 & BSTA 002	Population Health Data Science I	4
PSYC 001	Intro to Psychology	4	CHEM 112/113	Organic Chemistry II	4
Total Credits:		19	Total Credits:		17
Year 3					
EPI 304	Methods in Epidemiology I	4	EPI 305	Methods in Epidemiology II	4
POPH 104	Careers in Population Health	3	BSTA 101 & 103	Pop Health Data Science & Algorithms lab II	4
PHY 010/012	Physics I	4	2nd determinants course		3
BIOS 044/045	Introduction to Integrative and Comparative Biology	4	PHY 013/022	Physics II	4
BIOS 371	Elements of Biochemistry I	3	BIOS 372	Elements of Biochemistry II	3
Total Credits:		18	Total Credits:		18
Year 4					
POPH 301/305	Capstone Proposal	3-4	POPH 302/306		3-4
Upper level Methods course		3	Upper level methods course		3
Health elective/sustainability course		3	Health elective (upper level)/writing intensive course		3
Health elective		3	Elective		3
Health elective (upper level)/writing intensive course		3	Total Credits:		12-14
Total Credits:		15-16	TOTAL CREDITS:		130-133

SUMMER	
TOTAL	0

Max credits allowed 16

SUMMER	
TOTAL	0

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SUMMER	
TOTAL	0

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SUMMER	
TOTAL	0

Max credits allowed 16

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
- 120 credits (B.A.) or 124 credits (B.S.) minimum

NOTES

*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 001 Population Health Data Science I/BSTA 002 Population Health Data Science I Algorithms Lab fulfills MCAT statistics requirement.