

Thomas Harriot College of Arts and Sciences
B.S. in Biochemistry, Biology concentration (pre-med option)

Please note that this is a **recommended** sequence.

Check catalog for prerequisites.

Course availability may vary from semester to semester.

FRESHMAN YEAR			
Fall Semester		Spring Semester	
BIOL 1100, 1101 [†]	4	BIOL 1200, 1201 [†]	4
CHEM 1150, 1151 [†]	4	CHEM 1160, 1161 [†]	4
ENGL 1100 (WI)	3	ENGL 2201 (WI)	3
MATH 1065 [†]	3	MATH 1083	3
PSYC 1000 (GE:SO) [†]	3	SOCI 2110 (GE:SO, DD) [†]	3
	17		17
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
BIOL 2300 (Genetics)	3	BIOL 3260 (Cell and Dev Biol)	3
CHEM 2750, 2753 [†]	4	CHEM 2760, 2763 [†]	4
KINE 1000	1	MATH 2172	4
MATH 2171	4	MATH 2228 or 2283 or BIOS 1500 [†]	3
Social Sciences (GD)	3		
	15		14
JUNIOR YEAR			
Fall Semester		Spring Semester	
BIOL 4880 (Biochemistry I) [†]	3	BIOL 4890 (Biochemistry II)	3
BIOL 4891 (Biochemistry Lab)	1	BIOL 3220, 3221 (Microbiology) ^{*†}	4
Fine Arts	3	Humanities	3
MATH 2173	4	PHYS 2360, 1261 [†]	5
PHYS 2350, 1251 [†]	5		
	16		15
SENIOR YEAR			
Fall Semester		Spring Semester	
CHEM 3250, 3251 (WI)	5	Restricted Electives*	4
Restricted Electives*	3	Restricted Electives*	3
Restricted Electives*	3	HLTH 1000	2
Humanities or Fine Arts (WI)	3	Social Sciences	3
	14		12
TOTAL HOURS			120

Confirmed by: GFC

Updated: June 2024

NOTES:

A 3 s.h. Global Diversity course and a 3 s.h. Domestic Diversity course are also required (these can coincide with other general education or major courses).

4 Writing Intensive (WI) courses must be completed, typically including ENGL 1100, ENGL 2201, CHEM 3251, and an additional WI of the student's choice.

* Choose 16 s.h. of restricted electives from the following list: BIOL 2100/2101, 3110, 3220/3221, 3310/3311, 3820, 4030, 4230, 4260, 4420, 4490/4491, 4650, 4830, 4860, 5870, 5900/5901, CHEM 4522, MATH 3331; up to 3 s.h. of research in biology or chemistry (BIOL 3504, 3550, CHEM 4505, 4506, 4507, 4515, 4516, 4517)

[†] Pre-med courses should be completed by spring of Junior year in order to take MCAT.

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