

**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.

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

Confirmed by: GFC

Updated: May 2025

**NOTES:**

*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 1120, 2100/01, 2800, 3110, 3220/21, 3310/11, 3820, 4030, 4230, 4260, 4420, 4490/91, 4650, 4830, 4860, 5870, 5900/01, CHEM 4522, MATH 3331; up to 6 s.h. of research in biology or chemistry (BIOL 3504, 3550, 4995, CHEM 4505, 4506, 4507, 4515, 4516, 4517).*

*<sup>†</sup> Pre-med courses should be completed by spring of Junior year in order to take MCAT.*

*<sup>#</sup> The Foundations of American Democracy requirements (FAD-1 and FAD2) should be fulfilled through the completion of one or two of the courses with the specific attributes.*

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