

Thomas Harriot College of Arts and Sciences

B.A. in Chemistry

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

The BA degree in chemistry provides excellent grounding in chemistry principles, including specially focused 3000-level coursework. Students who earn a BA in chemistry have a broad education in chemistry, and are equipped with skills that enhance their marketability to a wide variety of scientific companies, and are well-prepared to enter professional school such as medical, dental, or pharmacy school. With a BA in chemistry and two semesters of laboratory-based biology courses, pre-medical students will have satisfied the course requirements for application to most US medical schools. This flexible 4-year plan leaves room for exploring other interests and is a popular major to pair with other science majors (foreign language is waived for BS/BA double majors).

FRESHMAN YEAR			
Fall Semester		Spring Semester	
CHEM 1150, 1151	3,1	CHEM 1160, 1161	3,1
MATH 1065	3	MATH 2121*	3
ENGL 1100 (WI)	3	HLTH 1000	2
Humanities/Fine Arts	3	Humanities/Fine Arts	3
Social Science	3	Social Science	3
	<u>16</u>		<u>15</u>
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
CHEM 2750, 2753	3,1	CHEM 2760, 2763	3,1
MATH 2122*	3	PHYS 1250, 1251	3,1
ENGL 2201 (WI)	3	Foreign Language 1001	3
Fine Arts	2	KINE 1000	1
Elective**	3	Elective**	3
	<u>15</u>		<u>15</u>
JUNIOR YEAR			
Fall Semester		Spring Semester	
PHYS 1260, 1261	3,1	CHEM 2250, 2251 (^WI)	3, 2
Foreign Language 1002	3	Foreign Language 2003	3
Social Science	3	Social Science or humanity or fine art	3
Elective**	6	Humanities	3
	<u>16</u>		<u>14</u>
SENIOR YEAR			
Fall Semester		Spring Semester	
CHEM 3850, 3851 (^WI)	4,1	CHEM 3450, 3451 (^WI)	3,1
Foreign Language 2004	3	Elective**	9
Elective**	8		<u>13</u>
	<u>16</u>		

Total hours completed 120

Confirmed: ASD

Updated: 3/2/2017

NOTES:

[^]Labs, not lecture, are writing intensive. Students need to select an additional 3 hour WI course to fulfill graduation requirements.

*Students may choose to replace MATH 2121 and 2122 (6 s.h. sequence) with the following sequence: MATH 1083, MATH 2171 and MATH 2172 (11 s.h. sequence). Adjust elective hours accordingly.

**An elective can be any course in any department. Consider taking prerequisites for graduate or professional schools when this degree plan lists "elective."

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)