

Thomas Harriot College of Arts and Sciences
B.A. in Chemistry

This 4-year plan is designed for students who should take MATH 0001/0045 & 1065 before CHEM 1150.

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 fields such as medicine, dentistry, pharmacy, and forensics. 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 students earning a BS in another field and a second major in Chemistry).

FRESHMAN YEAR

Fall Semester		Spring Semester	
MATH 0001/0045 (Inter. Algebra)	3	MATH 1065 (College Algebra)	3
ENGL 1100 (College Writing)	3	Social Science	3
Humanities/Fine Arts	3	Fine Arts	3
Social Science	3	Elective**	6
Elective**	3		<hr style="width: 100%;"/>
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SOPHOMORE YEAR

CHEM 1150,1151 (Gen Chem I)	3,1	CHEM 1160,1161 (Gen Chem II)	3,1
MATH 2121 (Calc I Life Sciences)*	3	MATH 2122 (Calc II Life Sciences)*	3
ENGL 2201 (Writing / Disciplines)	3	KINE 1000 (Physical Activity)	1
Foreign Language 1001	3	Foreign Language 1002	3
HLTH 1000 (Health)	2	Social Science	3
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	15		14

JUNIOR YEAR

CHEM 2750,2753 (Organic Chem I)	3,1	CHEM 2760,2763 (Organic Chem II)	3,1
PHYS 1250,1251 (Gen Phys I)	3,1	PHYS 1260,1261 (Gen Phys II)	3,1
Foreign Language 2003	3	Foreign Language 2004	3
Elective**	6	Elective**	3
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	17		14

SENIOR YEAR

CHEM 3250,3251 (Quant. Analysis)	3,2	CHEM 3450, 3451 (Inorganic Chem)	3,1
CHEM 3850,3851 (Intro Phys Chem)	4,1	Elective**	7
Humanities	3	Social Science, Humanities,	3
Elective**	3	Fine Arts, Science, or Math	3
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	16		14

*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."
