

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

**This 4-year plan is designed for students who should take MATH 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 1065 (College Algebra)	3	CHEM 1150,1151 (Gen Chem I)	3,1
ENGL 1100 (College Writing)	3	MATH 2121 (Calc I Life Sciences)*	3
Humanities/Fine Arts	3	HLTH 1000 (Health)	2
Social Science	3	Fine Arts	3
Elective**	3	Elective**	3
	15		15

### SOPHOMORE YEAR

CHEM 1160,1161 (Gen Chem II)	3,1	CHEM 2750,2753 (Organic Chem I)	3,1
MATH 2122 (Calc II Life Sciences)*	3	PHYS 1250,1251 (Gen Phys I)	3,1
ENGL 2201 (Writing / Disciplines)	3	KINE 1000 (Physical Activity)	1
Foreign Language 1001	3	Foreign Language 1002	3
Elective**	3	Elective**	3
	16		15

### JUNIOR YEAR

CHEM 2760,2763 (Organic Chem II)	3,1	CHEM 3250,3251 (Quant. Analysis)	3,2
PHYS 1260,1261 (Gen Phys II)	3,1	Social Science	3
Foreign Language 2003	3	Foreign Language 2004	3
Elective**	6	Humanities	3
	17		14

### SENIOR YEAR

CHEM 3850,3851 (Intro Phys Chem)	4,1	CHEM 3450, 3451 (Inorganic Chem)	3,1
Social Science	3	Elective**	6
Elective**	7	Social Science, Humanities, Fine Arts, Science, or Math	3
	15		13

\*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."