

## 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	3	MATH 1065	3
ENGL 1100	3	Social Science	3
Humanities/Fine Arts	3	Fine Arts	3
Social Science	3	Elective**	6
Elective**	3		15
	<hr/> 15		
SOPHOMORE YEAR			
CHEM 1150, 1151	3,1	CHEM 1160, 1161	3,1
MATH 2121*	3	MATH 2122*	3
ENGL 2201	3	KINE 1000	1
Foreign Language 1001	3	Foreign Language 1002	3
HLTH 1000	2	Social Science	3
	<hr/> 15		<hr/> 14
JUNIOR YEAR			
CHEM 2750, 2753	3,1	CHEM 2760, 2763	3,1
PHYS 1250, 1251	3,1	PHYS 1260, 1261	3,1
Foreign Language 1003	3	Foreign Language 1004	3
Elective**	6	Elective**	3
	<hr/> 17		<hr/> 14
SENIOR YEAR			
CHEM 2250, 2251	3,2	CHEM 3450, 3451	3,1
CHEM 3850, 3851	4,1	Elective**	7
Humanities	3	Social Science, Humanities,	3
Elective**	3	Fine Arts, Science, or Math	3
	<hr/> 16		<hr/> 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."

**Total hours completed                      120**

**Contact:** [CHEMISTRY@ECU.EDU](mailto:CHEMISTRY@ECU.EDU)

**Confirmed:** ASD

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