



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

Catalog: 2019-2020

This 4-year plan is designed for students who may take MATH 1065 (or higher) with 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	
CHEM 1150, 1151	3,1	CHEM 1160, 1161	3,1
MATH 1065	3	MATH 2121*	3
ENGL 1100	3	HLTH 1000	2
Humanities/Fine Arts	3	Fine Arts	3
Social Science	3	Elective**	3
	<hr/> 16		<hr/> 15

SOPHOMORE YEAR

CHEM 2750, 2753	3,1	CHEM 2760, 2763	3,1
MATH 2122*	3	PHYS 1250, 1251	3,1
ENGL 2201	3	KINE 1000	1
Foreign Language 1001	3	Foreign Language 1002	3
Elective**	3	Elective**	3
	<hr/> 16		<hr/> 15

JUNIOR YEAR

PHYS 1260, 1261	3,1	CHEM 3250/3251 (formerly 2250/2251)	3, 2
Foreign Language 1003	3	Foreign Language 1004	3
Social Science	3	Social Science	3
Elective**	6	Humanities	3
	<hr/> 16		<hr/> 14

SENIOR YEAR

CHEM 3850, 3851	4,1	CHEM 3450, 3451	3,1
Elective**	10	Elective**	6
	<hr/> 15	Additional Gen Ed	3
			<hr/> 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."

Total hours completed 120

Contact: CHEMISTRY@ECU.EDU

Confirmed: Etheridge

Updated: March 2019



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Catalog: 2018-2019

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FRESHMAN YEAR

Fall Semester		Spring Semester	
MATH 1065	3	CHEM 1150, 1151	3,1
ENGL 1100	3	MATH 2121*	3
Humanities/Fine Arts	3	HLTH 1000	2
Social Science	3	Fine Arts	3
Elective**	3	Elective	3
	<hr/> 15		<hr/> 15

SOPHOMORE YEAR

CHEM 1160, 1161	3,1	CHEM 2750, 2753	3,1
MATH 2122*	3	PHYS 1250, 1251	3,1
ENGL 2201	3	KINE 1000	1
Foreign Language 1001	3	Foreign Language 1002	3
Elective**	3	Elective**	3
	<hr/> 16		<hr/> 15

JUNIOR YEAR

CHEM 2760, 2763	3,1	CHEM 3250/3251 (formerly 2250/2251)	3, 2
PHYS 1260, 1261	3,1	Social Science	3
Foreign Language 1003	3	Foreign Language 1004	3
Elective**	6	Humanities	3
	<hr/> 17		<hr/> 14

SENIOR YEAR

CHEM 3850, 3851	4,1	CHEM 3450, 3451	3,1
Social Science	3	Elective**	6
Elective**	6	Social Science, Humanities, Fine Arts, Science, or Math	3
	<hr/> 14		<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.

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B.A. in Chemistry

Catalog: 2018-2019

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

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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		<hr/>
	<hr/>		15
	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/>		<hr/>
	15		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/>		<hr/>
	17		14

SENIOR YEAR

CHEM 3250/3251 (formerly 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	
	<hr/>		<hr/>
	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."

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