



Catalog: 2019-2020

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

This 4-year plan is designed for students who place into Calculus I (MATH 2171).

The BS degree in chemistry offers in-depth coverage of all major areas of chemistry, featuring challenging advanced coursework for our majors. Students who earn a BS in chemistry are equipped with skills that enhance their marketability to a wide variety of employers in technology and science, and are well-prepared to enter graduate school in chemistry or professional school such as medical, dental, or pharmacy school. Our BS degree is certified by the American Chemical Society, the largest professional scientific organization in the world.

FRESHMAN YEAR

Fall Semester

CHEM 1150, 1151	3,1
MATH 2171	4
ENGL 1100 (WI)	3
Social Science	3
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	14

Spring Semester

CHEM 1160, 1161	3,1
MATH 2172	4
HLTH 1000	2
Humanities	3
Social Science	3
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	16

SOPHOMORE YEAR

CHEM 2750, 2753	3,1
MATH 2173	4
PHYS 2350, 1251	4,1
ENGL 2201 (WI)	3
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	16

CHEM 2760, 2763	3,1
KINE 1000	1
PHYS 2360, 1261	4,1
Fine Arts	3
Social Science	3
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	16

JUNIOR YEAR

CHEM 3250/3251 (formerly 2250/2251)	3,2
CHEM 2103	1
Humanities/Fine Arts	3
Electives*	6
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	15

CHEM 3950/3951	4,1
CHEM 3450, 3451	3,1
Electives*	6
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	15

SENIOR YEAR

CHEM 3960, 3961	4,1
CHEM 2770	3
Elective Lab**	1
Electives*	5
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	14

CHEM 4350/4351	3,1
Restricted Elective***	3
Elective Lab**	1
Electives*	3
Social Science, Humanities, Fine Arts, Science, or Math	3
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	14

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

**This degree plan requires 2 s.h. of elective labs. Choose from CHEM 2301 (2 s.h.), CHEM 2771 (1 s.h.), CHEM 3301 (1 s.h.), CHEM 4515 (1 s.h.), CHEM 4516 (2 s.h.), CHEM 4517 (3 s.h.), CHEM 4522 (3 s.h.) CHEM 5993 (3 s.h.), BIOL 4891 (1 s.h.), or PHYS 3700/3701 (3/0 s.h.).

Choose one restricted elective from the following list: CHEM 4517, 4522, 4550, 5760, 5993, or BIOL 4890. All restricted electives are 3 s.h. If a 3 s.h. Elective Lab** is chosen, it meets both the Elective Lab** and Restricted Elective requirement.