

Chemistry (BS)

Plan II Professional Ten Semester Plan 3+2 Program

This degree program is intended for students who have been offered and have accepted admission to a professional program without finishing one of the other Chemistry BS options. It is recommended that students be placed on the Chemistry Pre-Health Biochemistry option first and then transferred to this degree program once they are offered and have accepted admission to a professional program.

Suggested Plan of Study

2020-2021 Catalog

Fall - Semester 1		Spring - Semester 2	
CHEM 1501 Background & Strategies in CHEM	1	ENGL 1123 Composition II	3
ENGL 1113 Composition I	3	MATH 1525 Calculus I	5
MATH 1045 Pre-Calculus Mathematics	5	HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National	3
HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National	3	CHEM 1123/1121 University Chemistry II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4		
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	18	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
World Literature I/II (ENGL 2213 or ENGL 2223)	3	Fine Arts/Humanities (ART 1103 or ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2003 or MUS 2013, PHIL 2403, THEA 2003 or Foreign Language)	3
BIOL 1203/1201 Principles of Biology I/Lab	4	BIOL 1213/1211 Principles of Biology II/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	CHEM 3103/3101 Organic Chemistry II/Lab	4
Fine Arts/Humanities (ART 1103 or ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2003 or MUS 2013, PHIL 2403, or THEA 2003)	3	Social Science choice (ECON 2103, FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003)	3
		CHEM 2012/2001 Analytical Chemistry	3
Total Semester Hours	14	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
CHEM 3313/3311 Instrumentation I/Lab or CHEM 4313/4311 Instrumentation II/Lab	4	Upper level chemistry electives	4
PHYS 2003/2001 College Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2103/2101 College Physics II/Lab or PHYS 2213/2211 University Physics II/Lab	4
Upper level biology elective (with lab)	4	BIOL 3023/3021 Microbiology/Lab	4
Total Semester Hours	12	Total Semester Hours	12

Total hours for major – 120 hours plus 7, 8, 9, and 10: Clinical/Professional Program – 32 hours (minimum of four (4) semesters)

*Note: Must have six hours of history/government. Three hours must be World History I or II. Three hours must be U.S. History I, U.S. History II or American Government: National.

Taking both MATH 1023 College Algebra and MATH 1033 Plane Trigonometry is equivalent to MATH 1045 Pre-Calculus Mathematics.

#Scholarship requirements may require the student to enroll in a minimum number of hours each semester.