

Major in Chemistry (BS) – Medical Laboratory Science Option

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	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
MATH 1023 College Algebra	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
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	16	Total Semester Hours	13
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 or CHEM 3073/3071 Biochemistry I/Lab	4
Social Science choice (ECON 2103, FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003)	3	Statistics or higher level Mathematics	3
Total Semester Hours	14	Total Semester Hours	14
Fall - Semester 5		Spring - Semester 6	
BIOL 2063/2061 Anatomy & Physiology I/Lab	4	BIOL 3023/3021 Microbiology/Lab	4
BIOL or CHEM Elective	4	BIOL or CHEM Elective	4
BIOL or CHEM Elective	4	BIOL or CHEM Elective	4
Total Semester Hours	12	Total Semester Hours	12

Total hours required for major – 120

PLUS Clinical/Professional Program – 39 hrs (including satisfactory completion of minimum of 12 months clinical training and course work at a cooperative accredited Medical Technology program.

*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.