

The Associate in Science Degree

A.S. Chemistry
2021)

100302 Revised 10/2020 (Fall

General Education Requirements	Credits	Semester Taken	Prerequisites
ENGL 101 Composition and Reading I	3		ENGL 90 with a minimum grade of S or appropriate placement score
ENGL 102 Composition and Reading II	3		ENGL 101
Choose one of the following: HIST 120 United States History to 1865 HIST 121 United States History Since 1865 POLS 136 Introduction to U.S. National Politics	3		
COMM 100 Fundamentals of Speech	3		ENGL 90 or appropriate placement test score
Choose any one guaranteed transfer course (any MOTR courses)	3-5		
Specific Program Requirements			
CHEM 111 General College Chemistry I	5		CHEM 107 or highschool chemistry and MATH 120
CHEM 112 General College Chemistry II	5		CHEM 111
CHEM 221 Organic Chemistry I	5		CHEM 112
CHEM 222 Organic Chemistry II	5		CHEM 221
MATH 180 Analytic Geometry & Calculus I	5		MATH 130 or 150
MATH 190 Analytic Geometry & Calculus II	5		MATH 180
MATH 210 Analytic Geometry & Calculus III	5		MATH 190
PHYS 220 Engineering Physics I	5		Enrollment in or completion of MATH 190
PHYS 221 Engineering Physics II	5		PHYS 220 and enrollment in or completion of MATH 210
Total Credit Hours Required	60-62		