Lansing Community College - Aquinas College

CHEMISTRY MAJOR

Bachelor of Science As of fall 2021

Major Requirements: 59 semester hours. At least 20 semester hours of Chemistry must be taken at Aquinas. All majors must attend at least 10 seminars sponsored by the Department of Chemistry. Majors are required to take the Major Field Test in Chemistry. An internship or research experience in Chemistry is strongly recommended. A GPA of 2.0 must be maintained with no more than one C-.

AQUINAS RI	EQUIREMENTS		TRANSFER EQUIVALENTS
			CHEM151 GENERAL CHEMISTRY LECTURE I & CHEM161
CY	111 General Chemistry I	4.0	GENERAL CHEMISTRY LAB I
	•		CHEM152 GENERAL CHEMISTRY LECTURE II & CHEM162
CY	112 General Chemistry II	4.0	GENERAL CHEMISTRY LAB II
	•		CHEM251 ORGANIC CHEMISTRY LECTURE I & CHEM272
CY	211 Organic Chemistry	4.0	ORGANIC CHEMISTRY LABORATORY
	212 Organic Chemistry	4.0	CHEM252 ORGANIC CHEMISTRY LECTURE II
CY	215 Quantitative Analysis	4.0	CHEM262 QUANTITATIVE ANALYSIS
	311 Physical Chemistry I	4.0	
	312 Physical Chemistry II	4.0	
	315 Advanced Organic Chemistry or CY		
	Advanced Inorganic Chemistry	4.0	
	346 Instrumental Methods of Analysis (WI)	4.0	
	400 Undergrad Seminar / Research (SC)	1.0	
	401 Undergrad Seminar / Research (SC)	2.0	
	(,		
CS	152 Spreadsheets (prerequisite for CY 112)	1.0	CITA126 MICROSOFT EXCEL
MS	121 Calculus I	4.0	MATH151 CALCULUS I or MATH161 HONORS CALCULUS I
	122 Calculus II	4.0	MATH152 CALCULUS II
	252 Statistics or MS 494 Statistics	3.0	
	213 Mechanics, Sound, and Heat	4.0	PHYS251 PHYSICS I WITH CALCULUS
PC	214 Electricity, Magnetism, Light, & Nuclea	4.0	
Recommend	ded Courses:		
	325 Biochemistry	4.0	
	398 Readings in Chemistry	1.0	
	,	1.0 1-3 cr	-
	231 Multivariate Calculus	4.0	MATH253 CALCULUS III
	232 Linear Algebra	3.0	INATTIESS CALCULUS III
	232 Lineal Algebra 241 Differential Equations	3.0	MATH254 INTRO TO DIFFERENTIAL EQUATION
	321 Abstract Algebra	3.0 4.0	WATTEST INTING TO DITTENTIAL EQUATION
1013	321 Austraut Aigebra	4.0	

Please Note: Aquinas College reserves the right to change, modify or amend the above-stated requirements and/or courses in its sole discretion and without prior notice.