CHEMISTRY MAJOR

Bachelor of Science

Fall 2017 - Summer 2018

Name: _____ I.D. # _____

Major Requirements: 39 semester hours of Chemistry and 20 semester hours of Physics/Math/Computer Information Systems. At least 20 semester hours must be taken at Aquinas and a GPA of 2.0 must be maintained with no more than one C-. Required to take the Major Field Test in Chemistry.

AQUINAS REQUIREMENTS			TRANSFER EQUIVALENTS	
	CY 111 General Chemistry I	4.0	CHEM	220
	CY 112 General Chemistry II	4.0	CHEM	221
	CY 211 Organic Chemistry	4.0	CHEM	251
	CY 212 Organic Chemistry	4.0	CHEM	252
	CY 215 Quantitative Analysis	4.0		
	CY 311 Physical Chemistry I	4.0		
	CY 312 Physical Chemistry II	4.0		
	CY 346 Instrumental Methods of Analysis	4.0		
	CY 400 Undergrad Seminar / Research	1.0		
	CY 401 Undergrad Seminar / Research	2.0		
	CY 315 Advanced Organic Chemistry	4.0		
	OR			
	CY 336 Advanced Inorganic Chemistry	4.0		
Additional Courses: Required				
	CS 152 Spreadsheets	1.0	CMIS	257
	PC 213 Mechanics, Sound, and Heat	4.0		
	PC 214 Electricity, Magnetism and Light	4.0		
	MS 121 Calculus with Analytical Geom.	4.0	MATH	250
	MS 122 Calculus with Analytical Geom.	4.0	MATH	251
	MS 252 Statistics or MS 494 Statistics	3.0		
Recommended Elective Courses				
	CY 325 Biochemistry	4.0		
	CY 398 Readings in Chemistry	1.0		
	CY 399 Independent Project	1 to 3 cr		
Suggested courses for majors intending to continue to graduate school or chemical engineering:				
	MS 241 Differential Equations	3.0		
	MS 232 Linear Algebra	3.0		
	MS 321 Abstract Algebra	4.0		
	MS 231 Multivariate Calculus	4.0		

All students are expected to participate in the seminar/lecture series sponsored by the Department of Chemistry. Attendance at a minimum of 10 seminars is required.

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.