

2019-20 Chemistry BA Checklist

Name _____
 Student ID _____
 Date _____

GENERAL EDUCATION

I. Foundational Intellectual Skills (12-13 hours)

- ___ FYS110 First Year Seminar
- ___ ENG112 Writing, Research, Genre & Context
- ___ COM101 Public Speaking
- ___ Mathematics

II. Knowledge Acquisition (19-20 hours)

- ___ Science 1XX with lab
- ___ HUM210 Humanities Survey Course
- ___ PHL130 Human Nature & Person
- ___ Foreign Language

One course from each group A and B:

Group A

- ___ ECN200 Introductory Economics
- ___ HIS102 History of the Modern World
- ___ POL102 Introduction to American Politics

Group B

- ___ PSY101 General Psychology
- ___ PSY220 Human Growth and Development
- ___ GST200 Introduction to Gender Studies
- ___ SOC101 Introduction to Sociology
- ___ SOC175 Introduction to Anthropology

III. Faith, Ethics, and Foundation (6 hours)

- ___ THL105 Introduction to Theology
- ___ Second Approved THL

IV. Greater Depth Cluster

- a. Completion of a minor or second major outside school (or department if College of Arts & Sciences)
- b. Completion of an interdisciplinary minor or concentration outside the first major. See catalog for approved programs.
- c. Focus on a specific theme (cluster) outside the major. See catalog for cluster course areas

Total Earned General Education Hours _____

CHEMISTRY MAJOR REQUIREMENTS (50 hours)

Core Courses

___ CHE151 General Chemistry I	4
___ CHE152 General Chemistry II	4
___ CHE300 Analytical Chemistry	5
___ CHE305 Organic Chemistry	4
___ CHE325 Physical Chemistry	4
___ CHE490 Chemistry Seminar	2
___ MAT230 Calculus I	4
___ MAT231 Calculus II	4

___ PHY110 General Physics I	4
___ PHY111 General Physics II	4

OR

___ PHY201 Mechanics (calculus based)	4
___ PHY202 Heat, Electricity, & Optics (calculus based)	4

11 additional CHE credits above 152 level

- ___ CHE elective
- ___ CHE elective
- ___ CHE elective
- ___ CHE elective

Total Earned Major Hours _____

ELECTIVE/MINOR

Total Earned Minor/Elective Hours _____

TOTAL OVERALL EARNED HOURS _____

MARIAN UNIVERSITY

Indianapolis®

2019-20 Chemistry BA Major Sample Four-Year Plan

Freshman Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
General Education	FYS 110	3	Major	CHE 152	4
Major/General Education	CHE 151	4	Major	PHY 110/201	4
Major/General Education	MAT 230	4	General Education	COM 101	3
General Education	Foreign Language	4	General Education	ENG 112	3
			Major/General Education	MAT 231	4
Semester Hours	15		Semester Hours	18	
Cumulative Hours	15		Cumulative Hours	33	
Sophomore Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
Major	CHE 305	4	Major	Elective	4
Major	PHY 111/202	4	General Education	HUM 210	3
Major	CHE 300	5	General Education	ECN/HIS/POL	3
General Education	PHL 130	3	Minor/Elective/GDC		3
			Minor/Elective/GDC		3
Semester Hours	16		Semester Hours	16	
Cumulative Hours	49		Cumulative Hours	65	
Junior Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
Major	CHE 325	4	Major	Elective	4
General Education	GST/PSY/SOC	3	General Education	Second THL	3
General Education	THL 105	3	Minor/Elective/GDC		3
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Semester Hours	16		Semester Hours	16	
Cumulative Hours	81		Cumulative Hours	97	
Senior Year					
Fall Semester			Spring Semester		
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours
Major	CHE 490	2	Major	Elective	3
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Minor/Elective/GDC		3	Minor/Elective/GDC		3
Minor/Elective/GDC		4	Minor/Elective/GDC		4
Semester Hours	15		Semester Hours	16	
Cumulative Hours	112		Cumulative Hours	128	

*A minimum 2.0 cumulative GPA and a minimum 2.0 major GPA are required for graduation, so monitor your GPA closely. To meet degree requirements, some disciplines require higher grades in each course or a higher cumulative GPA. This four-year plan is only a sample and will vary by student and course availability.