

2020-21 Chemistry and Secondary Education

GENERAL EDUCATION

I. Foundational Intellectual Skills (12-13 hours)

- ___ FYS110 First Year Seminar
- ___ ENG112 Writing and Community
- ___ COM101 Public Speaking
- ___ Mathematics

II. Knowledge Acquisition (19-20 hours)

- ___ Science 1XX with lab
- ___ HUM210 Meaning Through Culture
- ___ PHL 130 Human Nature & Person
- ___ Foreign Language

One course from each group A and B:

Group A

- ___ BUS109 Business Plan Competition
- ___ ECN200 Introductory Economics
- ___ HIS102 History of the Modern World
- ___ POL102 Introduction to American Politics

Group B

- ___ PSY101 General Psychology
- ___ PSY220 General Psychology (required for Education majors)
- ___ 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 _____

MAJOR 1 REQUIREMENTS (45 hours)

- ___ EDU 190 Critical Service Learning I
- ___ EDU 224 Protocols of Effective Classroom Observation
- ___ SPD 230 Introduction to Special Education for General Education Teachers
- ___ EDU 290 Critical Service Learning II
- ___ EDU 307 Science of Learning
- ___ EDU 318 English Learners in Diverse and Inclusive Classrooms
- ___ EDU 351 Reading and Writing in the Content Areas
- ___ EDU 419 Best Practices for Teaching
- ___ EDU 255 Introduction to Schools and Society
- ___ EDU 390 Critical Service Learning III
- ___ EDU 446 Creating Positive Classroom Environments
- ___ EDU 490 Critical Service Learning IV
- ___ EDU 447 Assessment of Learning
- ___ EDU 473 Clinical Internship: Teaching Certification
- ___ EDU 491 Clinical Internship Senior Seminar

MAJOR 2 REQUIREMENTS (34 hours)

- ___ CHE 151 General Chemistry 1
- ___ CHE 152 General Chemistry 2
- ___ PHY 110 General Physics 1 or PHY 201
- ___ PHY 111 General Physics 2 or PHY 202
- ___ MAT 230 Calculus and Analytic Geometry 1
- ___ MAT 231 Calculus and Analytic Geometry 2
- ___ CHE 305 Organic Chemistry 1
- ___ Chemistry Elective
- ___ CHE 300 Analytical Chemistry
- ___ Chemistry Elective
- ___ Chemistry Elective
- ___ CHE 490 Chemistry Seminar
- ___ CHE 325 Physical Chemistry

Total Earned Major 1 Hours _____

Total Earned Major 2 Hours _____

Total Earned Minor/Elective Hours _____

TOTAL OVERALL EARNED HOURS _____

MARIAN UNIVERSITY

Indianapolis®

2020-21 Secondary Education and BA in Chemistry -4 Year Plan†

Freshman Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 224	3	C	Major 1	EDU 190	3	C
Major 2	MAT 230	3	C	Major 2	PHY 111	4	C
Major 2	CHE 151	4	C	Major 2	MAT 231	4	C
Major 2	PHY 110	4	C	Major 2	CHE 152	4	C
General Education	FYS 110	3	D	Major 2	PHY 112	4	C
Semester Hours	17			Semester Hours	19		
Cumulative Hours	17			Cumulative Hours	36		
Sophomore Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 307	3	C	Major 1	EDU 318	3	C
Major 1	SPD 230	3	C	Major 1	EDU 351	3	C
Major 2	CHE 305	4	C	Major 1	EDU 290	1	C
General Education	Language	3	D	Major 2	CHE ELEC	4	C
General Education	COM 101	3	D	General Education	ENG 112	3	B-
				General Education	COM 101	3	B-
Semester Hours	16			Semester Hours	17		
Cumulative Hours	52			Cumulative Hours	69		
Junior Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 419	3	C	Major 1	EDU 255	3	C
Major 2	CHE 300/325	4/5	C	Major 1	EDU 390	3	C
General Education	ELEC	2	D	Major 1	EDU 446	3	C
General Education	THL 105	3	D	Major 2	CHE ELEC	3	C
General Education	PHL 130	3	D	General Education	THL 200+	3	D
General Education	HUM 210	3	D	General Education	POL 102/ECN 200/HIS 102	3	D
Semester Hours	18			Semester Hours	18		
Cumulative Hours	87			Cumulative Hours	105		
Senior Year							
Fall Semester				Spring Semester			
Requirement Category	Course	Credit Hours	Minimum Grade*	Requirement Category	Course	Credit Hours	Minimum Grade*
Major 1	EDU 447	3	C	Major 1	EDU 491	3	C
Major 2	EDU 490	3	C	Major 1	EDU 473	9	C
Major 2	CHE ELEC	3	C				
Major 2	CHE 300/325	4/5	C				
General Education	CHE 490	2	C				
Semester Hours	15			Semester Hours	12		
Cumulative Hours	120			Cumulative Hours	132		

† The 4-year plan above assumes that students enter into the program with:

1. Math ACT score of 21 or higher, Math SAT score of 570 or higher, OR Math placement score of 46-53.
2. Reading ACT score of 19 or higher, Reasoning/Verbal SAT score of 530 or higher, Or Reading comprehension score lower than 12.1
3. English ACT score of 21 or higher, SAT total score of 1200 or higher, OR writing Placement Test Score of 4 or higher

*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, however Klipsch Educator College requires higher grades in each course and a higher cumulative GPA-please follow Pathway guidelines for coursework

