

# Degree Worksheet for the College of Arts and Sciences: 2022-2023

## CHEMISTRY MINOR

### MINOR in CHEMISTRY: 32-37 Credits

#### Required Foundational Courses:

20 Credits

Course	Course Title	Credits	Grade
CHEM 101	General Chemistry	3	
CHEM 101L	General Chemistry Lab	1	
CHEM 205	Inorganic Chemistry	3	
CHEM 230	Organic Chemistry I	4	
CHEM 230L	Organic Chemistry I Lab	1	
MATH 157	Calculus-Analytic Geometry I	4	

#### One of the following two courses:

Course	Course Title	Credits	Grade
PHYS 101	General Physics I	4	
<b>OR</b>			
PHYS 103	Scientific Physics I	4	

#### One of the following three options:

12-17 Credits

##### Option One:

12 credits

Course	Course Title	Credits	Grade
CHEM 231	Organic Chemistry II	3	
CHEM 231L	Organic Chemistry II Lab	1	
CHEM 245	Biochemistry	3	
CHEM 245L	Biochemistry Lab	1	
CHEM 399	or above	4	

##### Option Two:\*

17 credits

Course	Course Title	Credits	Grade
CHEM 310	Analytical Chemistry	3	
CHEM 310L	Analytical Chemistry Lab	2	
CHEM 355	Physical Chemistry	3	
CHEM 355L	Physical & Inorganic Chemistry Lab	1	
MATH 258	Calculus - Analytical Geometry II	4	
PHYS 204	Scientific Physics II	4	

##### Option Three:

13 credits

Course	Course Title	Credits	Grade
CHEM 231	Organic Chemistry II	3	
CHEM 231L	Organic Chemistry II Lab	1	
CHEM 310	Analytical Chemistry	3	
CHEM 310L	Analytical Chemistry Lab	2	
CHEM 399	or above	4	

#### \*Option Two NOTE:

PHYS 204 + PHYS 205 will substitute for CHEM 355.

Physics majors that want to minor in Chemistry will need to take 14 credits beyond the required foundational courses (CHEM 205, CHEM 230/230L, CHEM 310/310L, CHEM 355L)