

Degree Worksheet for the College of Arts and Sciences: 2020-2021

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 | |
| OR | | | |
| 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)