

# 2021-2022 Chemistry BS Degree Plan

Student name: \_\_\_\_\_ UMID: \_\_\_\_\_ Date: \_\_\_\_\_  
 Advisor name: \_\_\_\_\_ Concentration: **Biochemistry**



UNIVERSITY of  
MONTEVALLO

## The Purpose of General Education is to Gain:

- Knowledge of Human Cultures and the Physical and Natural World
- Intellectual and Practical Skills
- Personal and Social Responsibility
- Integrative and Applied Learning

### Key Courses For General Education (47 hours)

1. **Written Composition (6)**  
Choose: ENG 101 or 103. 3 \_\_\_\_\_  
Choose: ENG 102 or 104. 3 \_\_\_\_\_
2. **Humanities & Fine Arts (18)**  
Choose one: ENG 231, 233, 232 or 234.\* 3 \_\_\_\_\_  
\*Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.  
Choose: COMS 101 or 102. 3 \_\_\_\_\_  
Choose one Fine Arts: ART 100, 218, 219; 3 \_\_\_\_\_  
 MC 100, 325; MUS 121 or 122, 125, 211, 255, 342; THEA 120 or 122.  
Choose one Humanities:  
 ENG 231 or 233, 232 or 234; FRN 101, 102, 150, 201, 202, 250; SPN 101 or 103, 102 or 104, 150, 201, 202, 250; GER 101, 102, 201, 202; PHIL 110 or 111, 180, 220 or 221, 230, 280, 290.  
Choose two of the following (not used above):  
 ART 100, 218, 219; ENG 231 or 233, 232 or 234; 3 \_\_\_\_\_  
 FRN 101, 102, 150, 201, 202, 250; SPN 101 or 103, 102 or 104, 150, 201, 202, 250; GER 101, 102, 201, 202; MC 100, 325; MUS 121 or 122, 125, 211, 255, 342; PHIL 110 or 111, 180, 220 or 221, 230, 280, 290; THEA 120 or 122.
3. **Natural Sciences & Mathematics (11)**  
Choose: CHEM 121. 4 \*\*  
Choose: PHYS 201 or 241. 4 \_\_\_\_\_  
Choose: MATH 170. 4 \_\_\_\_\_
4. **History, Social & Behavioral Sciences (12)**  
Choose one History: HIST 101, 103, 102 or 104.\* 3 \_\_\_\_\_  
\*Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.  
Choose three of the following not used above:  
 EC 231, 232; FCS 291, 402; GEOG 231; 3 \_\_\_\_\_  
 HIST 101 or 103, 102 or 104; POS 200, 250; 3 \_\_\_\_\_  
 PSYC 201/202; SOC 101/102; SWK 203, 260, 322. 3 \_\_\_\_\_
5. **Personal Development (3)**  
Choose one of the following: 3 \_\_\_\_\_  
 ART 250, 255; CS 161; ED 447; ES 200; FCS 281; EXNS 120; MATH 261; MIS 161; MUS 228.

\*\*Indicates requirement is satisfied in major course requirements.

### Additional Requirements for Degree

#### Bachelor of Science Requirements

Satisfied through additional major requirements.

### Major Course Requirements (47 hours)

- |   |         |
|---|---------|
| CHEM 185 (Intro. to the Chemistry Major)    | 1 _____ |
| CHEM 121 (General Chemistry I)              | 4 _____ |
| CHEM 122 (General Chemistry II)             | 4 _____ |
| CHEM 221 (Organic Chemistry I)              | 4 _____ |
| CHEM 222 (Organic Chemistry II)             | 4 _____ |
| CHEM 320 (Analytical Chemistry)             | 4 _____ |
| CHEM 321 (Physical Chemistry I)             | 4 _____ |
| CHEM 370 (Biochemistry I)                   | 4 _____ |
| CHEM 450 (Instrumental Analysis)            | 4 _____ |
| CHEM 491 (Chemistry Seminar)                | 2 _____ |
| BIO 105 (Introductory Biology I) or BIO 107 | 4 _____ |
| BIO 206 (Genetics)                          | 4 _____ |
| BIO 307 (Cell Biology)                      | 4 _____ |

### Additional Requirements (4 hours)

- |                 |         |
|-----------------|---------|
| PHYS 202 or 242 | 4 _____ |
|-----------------|---------|

### General Electives (22 hours)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Minor Course Requirements (Optional)

Title: \_\_\_\_\_ Hrs. Req. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## GENERAL GRADUATION REQUIREMENTS

- |                                   |  |
|-----------------------------------|--|
| 1. 50% of hrs in major area at UM | 5. 45 hr limit of non-traditional credit                 |
| 2. 30 hrs 300/400 at UM           | 6. 6-hr sequence in history or literature                |
| 3. 30 of last 40 hours at UM      | 7. Capstone experience within major                      |
| 4. 64 hr limit from 2-year school | 8. 2.0 or higher UM GPA and in all major and minor areas |

Total Hours Required:	120
Total Hours Completed to Date:	_____
Hours Remaining for Completion:	_____
Hours Currently Registered:	_____
Hours Remaining:	_____