

# 2024-2025 Chemistry BS Degree Plan

Student name: \_\_\_\_\_ UMID: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor name: \_\_\_\_\_ Concentration: **None**



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, 120, 220; 3 \_\_\_\_\_

MC 100, 325; MUS 121 or 122, 125, 211, 240, 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; REL 110. 3 \_\_\_\_\_

Choose two of the following (not used above):

ART 100, 120, 220; 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, 240, 255, 342; PHIL 110 or 111, 180, 220 or 221, 230, 280, 290; REL 110; THEA 120 or 122. 3 \_\_\_\_\_

### 3. Natural Sciences & Mathematics (12)

Choose: CHEM 121. 4 \*\*

Choose: PHYS 201 or 241. 4 \_\_\_\_\_

Choose: MATH 170. 4 \_\_\_\_\_

### 4. History, Social & Behavioral Sciences (12)

Choose one: 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 (41-43 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 322 (Physical Chemistry II) 4 \_\_\_\_\_

CHEM 450 (Instrumental Analysis) 4 \_\_\_\_\_

CHEM 491 (Chemistry Seminar) 2 \_\_\_\_\_

CHEM Elective (370, 380, 420, 431, or 440)\* 3/4 \_\_\_\_\_

CHEM Elective (370, 380, 420, 431, or 440)\* 3/4 \_\_\_\_\_

\*CHEM 100 cannot apply towards the Chemistry major.

## Additional Requirements (8 hours)

MATH 171 4 \_\_\_\_\_

PHYS 202 or 242 4 \_\_\_\_\_

## General Electives (22-24 hours)

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Minor Course Requirements (Optional)

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## GENERAL GRADUATION REQUIREMENTS

1. 50% of crs in major area at UM
2. 30 hrs 300/400 at UM
3. 30 of last 40 hours at UM
4. 64 hr limit from 2-year school
5. 45 hr limit of non-traditional credit
6. 6-hr sequence in history or literature
7. Capstone experience within major
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: \_\_\_\_\_