

2025-2026 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 (50 hours)

- First Year Experience (3)**
Choose: UM 101 or HNRS 101 3 _____
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, 123.
Choose one Humanities: AAS 200; 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.
Choose two of the following (not used above):
AAS 200, ART 100, 120, 220; 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; 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, 123. 3 _____
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, 302; 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 (19 hours)

Minor Course Requirements (Optional)

Title: _____ Hrs. Req. _____

GENERAL GRADUATION REQUIREMENTS

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