

2024-2025 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, 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.
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. **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 _____
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General Electives (22 hours)

Minor Course Requirements (Optional)

Title: _____ Hrs. Req. _____

GENERAL GRADUATION REQUIREMENTS

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|-----------------------------------|--|
| 1. 50% of crs 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:	_____