

2026-2027 Chemistry BS Degree Plan

Student name: _____ UMID: _____ Date: _____

Advisor name: _____ Concentration: **ACS Certified**



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; ASL 101, 102, 201, 202; 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; 3 _____

PHIL 110 or 111, 180, 220 or 221, 230, 280, 290; REL 110.

Choose two of the following (not used above):

AAS 200; ASL 101, 102, 201, 202; ART 100, 120, 220; 3 _____

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; 3 _____

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. 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; 3 _____

POS 200, 250; PSYC 201/202; SOC 101/102;

SWK 203, 260, 322. 3 _____

5. Personal Development (3)

Choose one of the following: ART 250, 255; 3 _____

COMS 141; CS 161; ED 447; ES 200; ENG 261;

EXNS 120, 281; MATH 261; MIS 161; MUS 228;

PJS 200

** Indicates requirement is satisfied in major course requirements.

Additional Requirements for Degree

Bachelor of Science Requirements

Satisfied through additional major requirements.

Major Course Requirements (49-50 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 370 (Biochemistry I) 4 _____

CHEM 380 (Spec. Projects in Chemistry) or

CHEM 431 (Research Project) 3/4 _____

CHEM 420 (Advanced Inorganic Chemistry) 4 _____

CHEM 440 (Spec. Topics in CHEM [Polymers]) 3 _____

CHEM 450 (Instrumental Analysis) 4 _____

CHEM 491 (Chemistry Seminar) 2 _____

Additional Requirements (8 hours)

MATH 171 4 _____

PHYS 202 or 242 4 _____

Students are required to complete 400 laboratory hours above the general sequence.

General Electives (12-13 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
- 60 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: _____

For planning only. Refer to Degree Works for official degree evaluation.