

# 2017-2018 Chemistry BS Degree Plan



UNIVERSITY of  
MONTEVALLO

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

Advisor name: \_\_\_\_\_ Concentration: ACS Certified

## 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 (46 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 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, 3 \_\_\_\_\_  
 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, 3 \_\_\_\_\_  
 102 or 104, 150, 201, 202, 250; GER 101, 102, 201,  
 202; MC 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. 3 \_\_\_\_\_
4. **History, Social & Behavioral Sciences (12)**  
Choose one history: HIST 101, 103, 102, 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; SOC 101 or 102; SWK 203, 260, 322. 3 \_\_\_\_\_
5. **Personal Development (3)**  
Choose one of the following: 3 \_\_\_\_\_  
 ART 250, 255; 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 (46-47 hours)

CHEM 185 (Survey of Chemistry)	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 450 (Instrumental Analysis)	4 _____
CHEM 490 (Chemistry Seminar I)	1 _____
CHEM 491 (Chemistry Seminar II)	1 _____

### 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 (19-20 hours)

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### 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:	_____