

# 2014-2015 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 (50 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 or 232/234\* 3 \_\_\_\_\_  
\*Students must take at least one six hour sequence in Literature or History. Students are free to take both sequences.  
Choose COMS 101 or 102 3 \_\_\_\_\_  
Choose one Fine Arts: ART 100, 218, 219; 3 \_\_\_\_\_  
 MC 325; MUS 121/122, 125, 211, 255, 342; 3 \_\_\_\_\_  
 THEA 120/122.  
Choose one Humanities:  
 ENG 231/233, 232/234; FRN 101, 102, 150, 3 \_\_\_\_\_  
 201, 202, 250; SPN 101/103, 102,104, 150,  
 201, 202, 250; GER 101, 102, 201, 202; HNRS 309  
 PHIL 110/111, 180, 220/221, 230, 280, 290.  
Choose two of the following (not used above):  
 ART 100, 218, 219; ENG 231/233, 232/234; 3 \_\_\_\_\_  
 FRN/SPN 101, 102, 150, 201, 202, 250; 3 \_\_\_\_\_  
 GER 101, 102, 201, 202; HNRS 309; MC 325;  
 MUS 121/122, 125, 211, 255, 342; PHIL 110/111,  
 180, 220/221, 230, 280, 290; THEA 120/122.
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: HIST 101/103 or 102/104\* 3 \_\_\_\_\_  
\*Students must take at least one six hour sequence in Literature or History. Students are free to take both sequences.  
Choose three of the following not used above:  
 EC 231, 232; FCS 291, 402; GEOG 231; 3 \_\_\_\_\_  
 HIST 101/103, 102/104; POS 200, 250; PSYC 201; 3 \_\_\_\_\_  
 PSYC/SWK 203, 322; SOC 101; SWK 260 3 \_\_\_\_\_
5. **Personal Development (3)**  
Choose one of the following: 3 \_\_\_\_\_  
 Computer - ART 250, 255; ED 447; MATH 261;  
 MIS 161; MUS 228; Wellness – KNES 120

**Additional Requirements for Degree**

**Bachelor of Science Requirements**

*Satisfied through additional major requirements.*

✓ Indicates requirement is satisfied in major course requirements

**MAJOR COURSE REQUIREMENTS (40-42)**

- |  |           |
|--|-----------|
| 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 490 (Chemistry Seminar I)             | 1 _____   |
| CHEM 491 (Chemistry Seminar II)            | 1 _____   |
| CHEM Elective (370, 380, 420, 431, or 440) | 3/4 _____ |
| CHEM Elective (370, 380, 420, 431, or 440) | 3/4 _____ |

**ADDITIONAL REQUIREMENTS (8)**

- |                 |         |
|-----------------|---------|
| MATH 171        | 4 _____ |
| PHYS 202 or 242 | 4 _____ |

**MINOR COURSE REQUIREMENTS (Optional)**

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**GENERAL ELECTIVES**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**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:	130
Total Hours Completed to Date:	_____
Hours Remaining for Completion:	_____
Hours Currently Registered:	_____
Hours Remaining:	_____