

2014-2015 Chemistry BS Degree Plan

Student name: _____ UMID: _____ Date: _____
 Advisor name: _____ Concentration: None 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)

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 (45-46)

- | | |
|---|---------|
| 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)

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

Please note: Students will be required to complete 400 laboratory hours above the general sequence.

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:	_____