

**CHEMISTRY: SECONDARY EDUCATION  
2016-2017 Election of Major**

EDUC 475 High School Student Teaching (7) \_\_\_\_\_  
EDUC 477 Jr High/Middle School Student Teaching (6) \_\_\_\_\_

Name \_\_\_\_\_ ID # \_\_\_\_\_

Planned Degree Completion Date: Mo. \_\_\_\_\_ Yr. \_\_\_\_\_

Check Degree Plan: \_\_\_\_\_BA \_\_\_\_\_BS

**CHEMISTRY REQUIREMENTS**

- |  |       |           |
|--|-------|-----------|
| CHEM 111 Fundamentals of Chemistry I       | C-4NC | (3) _____ |
| CHEM 111L Fundamentals of Chemistry I Lab  |       | (1) _____ |
| CHEM 113 Fundamentals of Chemistry II      |       | (3) _____ |
| CHEM 113L Fundamentals of Chemistry II Lab |       | (1) _____ |
| CHEM 235 Analytical Chemistry              |       | (3) _____ |
| CHEM 235L Analytical Chemistry Lab         |       | (1) _____ |
| CHEM 311 Organic Chemistry I               |       | (3) _____ |
| CHEM 311L Organic Chemistry I Lab          |       | (1) _____ |
| CHEM 312 Organic Chemistry II              |       | (3) _____ |
| CHEM 312L Organic Chemistry II Lab         |       | (1) _____ |
| CHEM 341 Physical Chemistry I              |       | (3) _____ |
| CHEM 341L Physical Chemistry I Lab         |       | (1) _____ |
| CHEM 342 Physical Chemistry II             |       | (3) _____ |
| CHEM 342L Physical Chemistry Lab II        |       | (1) _____ |
| CHEM 380/480 Special Problems (W)          |       | (2) _____ |
| MATH 121 Calculus I                        | C-1Q  | (4) _____ |
| PHYS 210 General Physics I                 | C-4NP | (4) _____ |
| PHYS 220 General Physics II                |       | (4) _____ |

Six hours from:

- |                                       |           |
|---------------------------------------|-----------|
| CHEM 405 Biochemistry I (W)           | (3) _____ |
| CHEM 406 Biochemistry II              | (3) _____ |
| CHEM 425 Advanced Organic Chemistry   | (3) _____ |
| CHEM 435 Advanced Inorganic Chemistry | (3) _____ |

Two hours from:

- |                                    |           |
|------------------------------------|-----------|
| CHEM 405L Biochemistry I Lab       | (1) _____ |
| CHEM 406L Biochemistry II Lab      | (1) _____ |
| CHEM 427 Instrumental Analysis Lab | (2) _____ |

**PROFESSIONAL EDUCATION**

- |   |                 |
|---|-----------------|
| EDUC 111 Exploring Teaching and Learning          | (3) _____       |
| EDUC 211 The Exceptional Learner                  | (4) _____       |
| EDUC 237 Educational Psychology                   | C-4HD (4) _____ |
| EDUC 245 Educational Assessment                   | (4) _____       |
| EDUC 342 Literacy in the Content Area             | (4) _____       |
| EDUC 357 Classroom Management/Conflict Resolution | (4) _____       |
| EDUC 362 Literacy and English Language Learners   | (2) _____       |
| EDUC 444 Methods for Secondary Education          | (4) _____       |
| EDUC 410 The Teacher in Today's School            | (2) _____       |

**CORE Program**

**1 Foundational Skills (WOQ)**

- |   |           |
|---|-----------|
| 1FS: FYS First Year Seminar               | (4) _____ |
| 1O: COMM 110 Found of Human Communication | (3) _____ |
| 1Q: MATH 121                              | X         |

**2 Physical Activity and Wellness**

- |                   |            |
|-------------------|------------|
| 2PA: PE 101 _____ | (.5) _____ |
| PE 101 _____      | (.5) _____ |
| PE 105 _____      | (.5) _____ |
| PE 105 _____      | (.5) _____ |

**3 Integration into the World (3 courses)**

- |                                    |           |
|------------------------------------|-----------|
| 3RC: Responsible Citizenship _____ | ( ) _____ |
| 3GC: Global Connections _____      | ( ) _____ |
| 3RC or 3GC: _____                  | ( ) _____ |

**4 Ways of Knowing (9 Courses)**

Philosophical, Religious and Creative Inquiry (1 course in each category)

- |                                       |           |
|---------------------------------------|-----------|
| 4RL: Religion _____                   | ( ) _____ |
| 4PH: Philosophy _____                 | ( ) _____ |
| 4AR: Visual and Performing Arts _____ | ( ) _____ |
| 4LT: Literature _____                 | ( ) _____ |

Human Behavior and Institutions (3 courses, each in a different discipline)

- |               |           |
|---------------|-----------|
| 4HD: EDUC 237 | X         |
| 4H __: _____  | ( ) _____ |
| 4H __: _____  | ( ) _____ |

Natural World (2 courses, each in a different discipline)

- |               |   |
|---------------|---|
| 4NC: CHEM 111 | X |
| 4NP: PHYS 210 | X |

**5 Synthesis & Critical Connections (1 course & VIA)**

- |   |           |
|---|-----------|
| 5C: Critical Connections: INTD _____                        | ( ) _____ |
| VIA (see requirements in <i>Catalog</i> ) up to (2) credits | _____     |

(A minimum of 120 credit hours required for graduation.) **TOTAL** \_\_\_\_\_

(See other side)

**Bachelor of Arts requirements: Intermediate language proficiency at 200-level**

\_\_\_\_\_ Yes \_\_\_\_\_ No

**REQUIRED SIGNATURES:**

*Student: I understand that I have final responsibility for monitoring my graduation requirements.*

**Student Signature:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Advisor:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Dept Chair:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Dir of Teacher Ed:** \_\_\_\_\_ **Date** \_\_\_\_\_