

**CHEMISTRY: SECONDARY EDUCATION
2015-2016 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 108 Exploring Teaching and Learning | (2) _____ |
| 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 128 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 _____