

## Chemistry Department – BS in Education/Chemistry (Revised 6/18)

|       |              |          |
|-------|--------------|----------|
| Name: | Banner ID: @ | Advisor: |
|-------|--------------|----------|

### English Composition: 6 cr

|                                    |   |  |  |
|------------------------------------|---|--|--|
| ENGL 101<br>English Composition I  | 3 |  |  |
| ENGL 202<br>English Composition II | 3 |  |  |

### Humanities: 9 cr (3 courses required; 1 in history, 1 in literature, 1 in philosophy or religious studies)

|   |   |  |  |
|---|---|--|--|
| HIST 196 or 197 or 198                        | 3 |  |  |
| Literature: ENGL 121 or                       | 3 |  |  |
| Philosophy/Religious Studies: PHIL 122 or 130 | 3 |  |  |

### Fine Arts: 3 cr

|  |   |  |  |
|--|---|--|--|
|  | 3 |  |  |
|--|---|--|--|

### Social Science: 9 cr (3 courses required; no prefix may be used more than once)

|          |   |  |  |
|----------|---|--|--|
| PSYC 101 | 3 |  |  |
|          |   |  |  |
|          |   |  |  |

### Dimensions of Wellness: FIN, KHSS, NURS or FDNT 143 (3 cr), or MLSC 101 and 102 (4 cr)

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### Global and Multicultural Awareness: 3 cr (the following satisfy both this requirement and Social Science requirement: ANTH 110, ANTH 211, GEOG 103, GEOG 104, PLSC 101)

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### Writing Intensive Requirement: (one course in addition to CHEM 343)

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### Education Sequence:

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|--|----|--|--|
| ACE 103<br>Digital Instructional Tech. | 3  |  |  |
| EDSP 102<br>Educational Psychology     | 3  |  |  |
| EDEX 301<br>Ed Students w/Disabilities | 2  |  |  |
| EDEX 323<br>Instr Learners w/Sp Needs  | 2  |  |  |
| EDSP 477<br>Assessment of Learning     | 3  |  |  |
| EDUC 242<br>Pre-Student Teaching I     | 1  |  |  |
| EDUC 342<br>Pre-Student Teaching II    | 1  |  |  |
| EDUC 441<br>Student Teaching           | 12 |  |  |
| EDUC 442<br>School Law                 | 1  |  |  |
| EDUC 451<br>Teaching Science Sec. Sch. | 3  |  |  |

## B.S. in Chemistry/Pre-medical Track

Additional Requirements: 25 cr

### Required Chemistry Courses: 38 cr

|   |   |  |  |
|---|---|--|--|
| CHEM 111 or 113<br>General Chemistry I  | 4 |  |  |
| CHEM 112 or 114<br>General Chemistry II | 4 |  |  |
| CHEM 231<br>Organic Chemistry I         | 4 |  |  |
| CHEM 314<br>Interm. Inorganic Chemistry | 3 |  |  |
| CHEM 325<br>Analytical Chemistry I      | 4 |  |  |
| CHEM 332<br>Organic Chemistry II        | 4 |  |  |
| CHEM 341<br>Physical Chemistry I        | 4 |  |  |
| CHEM 343<br>Physical Chemistry I lab    | 1 |  |  |
| CHEM 390<br>Chemistry Seminar II        | 1 |  |  |
| CHEM 498<br>Problems in Chemistry       | 1 |  |  |

|   |     |  |  |
|---|-----|--|--|
| MATH 125<br>Calculus I                  | 3   |  |  |
| MATH 126<br>Calculus II                 | 3   |  |  |
| PHYS 111 or 131<br>Physics I            | 3   |  |  |
| PHYS 121 or 141<br>Physics I lab        | 1   |  |  |
| PHYS 112 or 132<br>Physics II           | 3   |  |  |
| PHYS 122 or 142<br>Physics II lab       | 1   |  |  |
| BIOL 202<br>Prin. of Cell & Molec. Bio. | 4   |  |  |
| GEOS 201<br>Foundations of Geology      | 4   |  |  |
| BIOC 301 or CHEM 351                    | 3-4 |  |  |
| CHEM/BIOC elective                      | 3   |  |  |

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|-----------------|--|--|--|
| QPA in<br>Major |  |  |  |
|-----------------|--|--|--|

### Graduation

| Credits                 | In Major | Overall |
|-------------------------|----------|---------|
| Total<br>Earned         |          |         |
| Final<br>Semester       |          |         |
| Total<br>(120 required) |          |         |
| QPA                     |          |         |

\_\_\_\_\_ check if student is eligible for ACS  
certified degree