

# CHEMISTRY TEACHING MAJOR

## SINGLE OR DUAL LICENSURE

NAME \_\_\_\_\_  
 DATE ENTERED \_\_\_\_\_  
 ADVISOR \_\_\_\_\_

| PLACEMENT SCORES |       |
|------------------|-------|
| READING          | _____ |
| ENGLISH          | _____ |
| MATHEMATICS      | _____ |
| FOREIGN LANGUAGE | _____ |

### SINGLE LICENSURE (39 HRS)

OR

### DUAL LICENSURE ( 26/27 HRS)

|                        |                           |                        |                               |
|------------------------|---------------------------|------------------------|-------------------------------|
| _____ CHEM 261 (4 hrs) | _____ CHEM 441 (4 hrs)    | _____ CHEM 261 (4 hrs) | _____ CHEM 118/119 (1 hr)     |
| _____ CHEM 262 (4 hrs) | _____ CHEM 461 (4 hrs)    | _____ CHEM 262 (4 hrs) | _____ CHEM 218/219 (1 hr)     |
| _____ CHEM 353 (4 hrs) | _____ CHEM 118/119 (1 hr) | _____ CHEM 353 (4 hrs) | _____ CHEM 318/319 (1 hr)     |
| _____ CHEM 354 (4 hrs) | _____ CHEM 218/219 (1 hr) | _____ CHEM 321 (3 hrs) | _____ CHEM 499 (2 hrs)        |
| _____ CHEM 321 (3 hrs) | _____ CHEM 318/319 (1 hr) | _____ CHEM 341 (3 hrs) | _____ CHEM elective (3/4 hrs) |
| _____ CHEM 341 (3 hrs) | _____ CHEM 418/419 (1 hr) |                        |                               |
| _____ CHEM 421 (3 hrs) | _____ CHEM 499 (2 hrs)    |                        |                               |

### DUAL LICENSURE OTHER AREAS (YOU MUST CHOOSE ONE)

#### BIOLOGY (27 HRS)

\_\_\_\_\_ Biol 141 (4hrs)  
 \_\_\_\_\_ Biol 151 (3hrs)  
 \_\_\_\_\_ Biol 152 (3hrs)  
 \_\_\_\_\_ Biol 215 (3hrs)  
 \_\_\_\_\_ Biol 272 (3hrs)  
 \_\_\_\_\_ Biol 334 (3hrs)  
 \_\_\_\_\_ Biol 382 (4hrs)  
 \_\_\_\_\_ Biol 481 (3hrs)  
 \_\_\_\_\_ Biol 490 (1hr)

#### PHYSICS (22 HRS)

\_\_\_\_\_ Phys 205 (5hrs)  
 \_\_\_\_\_ Phys 206 (5hrs)  
 \_\_\_\_\_ Phys 361 (3hrs)  
 \_\_\_\_\_ Phys 371 (3hrs)  
 \_\_\_\_\_ Phys Electives (6hrs)

#### EARTH/SPACE SCIENCE (24 HRS)

\_\_\_\_\_ Geol 161 (4hrs)  
 \_\_\_\_\_ Geol 162 (4hrs)  
 \_\_\_\_\_ Geol 315 or 316 (4hrs)  
 \_\_\_\_\_ Geol 214 (3hrs)  
 \_\_\_\_\_ Astr 201 (4hrs)  
 \_\_\_\_\_ Geol 300/400 Electives (2hrs)

#### MATHEMATICS (27 HRS)

\_\_\_\_\_ Math 230 (4hrs)  
 \_\_\_\_\_ Math 253 (3hrs)  
 \_\_\_\_\_ Math 323 (3hrs)  
 \_\_\_\_\_ Math 330 (4hrs)  
 \_\_\_\_\_ Math 335 (4hrs)  
 \_\_\_\_\_ Math 438 (3hrs)  
 \_\_\_\_\_ Math 492 (3hrs)  
 \_\_\_\_\_ Math 412 (3hrs)  
 or  
 \_\_\_\_\_ Math 413 (3hrs)

### PROFESSIONAL EDUCATION COURSES (35-39 HRS)

|                       |                                     |                                   |
|-----------------------|-------------------------------------|-----------------------------------|
| _____ Educ 196 (3hrs) | _____ *Educ 304 (3hrs) <sup>1</sup> |                                   |
| _____ Educ 202 (3hrs) | _____ *Educ 305 (3hrs)              | Student Teaching Semester (15hrs) |
| _____ Educ 214 (3hrs) | _____ *Educ 493 (3hrs)              |                                   |
| _____ Educ 302 (3hrs) | _____ *Educ 396 (2hrs)              |                                   |
|                       | _____ *Educ 488 (3hrs) <sup>1</sup> |                                   |

|                                    |       |
|------------------------------------|-------|
| _____ Educ 448 (3hrs)              | _____ |
| _____ Educ 473 (9hrs)              | _____ |
| _____ Educ 477 (3hrs)              | _____ |
| or                                 |       |
| _____ Educ 474 (3hrs) <sup>2</sup> | _____ |

\* Prerequisite for these courses: Admission into Teacher Education AND PPST scores

Reading (176) \_\_\_\_\_ Math (175) \_\_\_\_\_ Writing (172) \_\_\_\_\_ (Pencil/paper version of Praxis I)

Reading (323) \_\_\_\_\_ Math (320) \_\_\_\_\_ Writing (318) \_\_\_\_\_ (Computer version of Praxis I)

<sup>1</sup>Note: The above program covers grades 5-12. Students planning to teach grades 9-12 only are not required to take educ 304, educ 477, and educ 488.

<sup>2</sup>the above class is for students not completing the middle school teaching program

#### Notes:

|                       |                    |
|-----------------------|--------------------|
| Single License Hrs.   | _____ (36 min.)    |
| Dual License Hrs.     | _____ (27 min.)    |
| Dual License Hrs.     | _____ (22-27 min.) |
| Professional Ed. Hrs. | _____ (38-42 min.) |
| UCC Hrs.              | _____ (50 min.)    |
| Elective Hrs.         | _____              |
| Total Hours _____     |                    |
| (124 Hrs. Minimum)    |                    |