

2025-2026 **Major Academic Plan (MAP)—B.S. Secondary Education (Chemistry Concentration)** Academic Credit Hours 131–135 + ROTC

**Freshman**

|        |                 |                                   |                 |                 |                           |                 |                 |  |               |                 |
|--------|-----------------|-----------------------------------|-----------------|-----------------|---------------------------|-----------------|-----------------|--|---------------|-----------------|
| Fall   | LDRS 101<br>(1) | CHEM 151/<br>161 or 163<br>(4)    | FSEM 101<br>(3) | FSWI 101<br>(3) | Modern<br>Language<br>(3) | EDUC 101<br>(3) |                 |  | ROTC<br>Basic | 17              |
| Spring |                 | CHEM<br>152/<br>162 or 164<br>(4) | RPED 260<br>(3) | COMM 260<br>(3) | Modern<br>Language<br>(3) | EDUC 202<br>(3) | LDRS 202<br>(3) |  | ROTC<br>Basic | <u>19</u><br>36 |

**Sophomore**

|        |                                     |                        |                        |                                               |                                |                 |  |                         |               |                       |
|--------|-------------------------------------|------------------------|------------------------|-----------------------------------------------|--------------------------------|-----------------|--|-------------------------|---------------|-----------------------|
| Fall   | LDRS 211<br>(Fall or<br>Spring) (0) | CHEM<br>207/217<br>(4) | BIOL<br>130/131<br>(4) | Strand 1<br>(3)                               | MATH 106 or<br>131<br>(3 or 4) | EDUC 206<br>(3) |  | RPED<br>Activity<br>(0) | ROTC<br>Basic | 17-18                 |
| Spring |                                     | CHEM<br>208/218<br>(4) | BIOL<br>140/141<br>(4) | MATH 107 or<br>132 or<br>STAT 160<br>(3 or 4) | EART 201<br>(4)                | EDUC 301<br>(3) |  |                         | ROTC<br>Basic | <u>18-19</u><br>35-37 |

**Junior**

|        |                 |                                          |                    |                        |                        |                 |  |                         |                  |                       |
|--------|-----------------|------------------------------------------|--------------------|------------------------|------------------------|-----------------|--|-------------------------|------------------|-----------------------|
| Fall   | LDRS 311<br>(0) | CHEM<br>300<br>(4)                       | CHEM 409<br>(3)    | PHYS<br>203/271<br>(4) | LRDS 371<br>(3)<br>*** | EDUC 312<br>(3) |  | RPED<br>Activity<br>(0) | ROTC<br>Advanced | 17                    |
| Spring |                 | Approved<br>CHEM<br>elective<br>(3 or 4) | CHEM<br>220<br>(3) | PHYS<br>204/272<br>(4) | Strand 2<br>(3)        | EDUC 401<br>(3) |  |                         | ROTC<br>Advanced | <u>16-17</u><br>33-34 |

**Senior**

|        |                 |                         |                                         |                 |                 |                        |  |  |                  |                    |
|--------|-----------------|-------------------------|-----------------------------------------|-----------------|-----------------|------------------------|--|--|------------------|--------------------|
| Fall   | LDRS 411<br>(0) | CHEM<br>419<br>(3)      | Natural Science<br>Elective<br>(3 or 4) | Strand 3<br>(3) | EDUC 306<br>(3) | EDUC 402<br>(3)<br>*** |  |  | ROTC<br>Advanced | 15-16              |
| Spring |                 | EDUC 499<br>(12)<br>*** |                                         |                 |                 |                        |  |  | ROTC<br>Advanced | <u>12</u><br>27-28 |

**Total: 128-132**

Strand Requirements: Students must complete three strand courses, which may be completed in any order: English (ENGS 30X), History (HISS 30X), and Social Science (SCSS 30X).

\*\* Chemistry elective chosen from CHEM 302, 305/315, 402 or 410.

Note: The blue cells represent courses in General Education. The yellow cells represent the secondary education major requirements. The orange cells represent the chemistry concentration requirements.

\*\*\* Represents ROTC fulfillment classes.