

**SECONDARY EDUCATION – SCIENCE**  
**Sequence of Courses: 2018-2019**

Freshman Fall

|                                   |                                      |          |
|-----------------------------------|--------------------------------------|----------|
| <b>*AREA I - ENGL 111G</b>        | <b>Freshman Composition</b>          | 4        |
| <b>*AREA II - MATH 121G</b>       | <b>College Algebra</b>               | 3        |
| <b>AREA III - BIOL 111G/111GL</b> | <b>Natural History of Life + Lab</b> | 4        |
| <b>AREA IV - C EP 110G</b>        | <b>Human Growth &amp; Behavior</b>   | 3        |
| <b>ELECTIVE</b>                   | <b>(For NM Residents)</b>            | <u>1</u> |
|                                   |                                      | 15       |

Freshman Spring

|                                 |   |          |
|---------------------------------|---|----------|
| <b>AREA I - COMM 253G/265G</b>  | <b>Public Speaking/Human Comm</b>           | 3        |
| <b>AREA II - MATH 142G</b>      | <b>Calculus for Biol &amp; Mgt Sciences</b> | 3        |
| <b>AREA III - CHEM 111G</b>     | <b>General Chemistry I + Lab</b>            | 4        |
| <b>AREA IV – GEOG 112G/120G</b> | <b>World Regional/Cultural Geog</b>         | 3        |
| <b>*#EDUC 281 (S)</b>           | <b>Intro to Secondary Ed/Youth (S)</b>      | <u>3</u> |
|                                 |   | 16       |

Sophomore Fall

|  |   |          |
|--|---|----------|
| <b>*AREA I - ENGL 211G, 311G<br/>or 318G</b> | <b>English Composition Courses</b>        | 3        |
| <b>AREA IV - SOCIAL SCIENCE</b>              | <b>See Degree Plan</b>                    | 3        |
| <b>AREA V – HISTORY “G”</b>                  | <b>See Degree Plan</b>                    | 3        |
| <b>AREA V – HUMANITIES/FA</b>                | <b>See Degree Plan</b>                    | 3        |
| <b>BIOL 211G/211GL</b>                       | <b>Cellular &amp; Organ Biology + Lab</b> | <u>4</u> |
|  |   | 16       |

Sophomore Spring

|                               |  |          |
|-------------------------------|--|----------|
| <b>AREA V – HUMANITIES/FA</b> | <b>See Degree Plan</b>                   | 3        |
| <b>BIOL 301</b>               | <b>Principles of Ecology</b>             | 3        |
| <b>CHEM 112G</b>              | <b>General Chemistry II + Lab</b>        | 4        |
| <b>*EDUC 315</b>              | <b>Multicultural Education</b>           | 3        |
| <b>*SPED 350</b>              | <b>Introduction to Special Education</b> |          |
|                               | <b>In a Diverse Society</b>              | <u>3</u> |
|                               |  | 16       |

|                            |   |  |          |
|----------------------------|---|--|----------|
| <u>Junior Fall</u>         | - | Apply to TEP                               |          |
| BIOL 305                   |   | Principles of Genetics                     | 3        |
| \$EDLT 368                 |   | Integrating Technology w Teaching          | 3        |
| ##EDUC 381                 |   | Sec Instructional Design/Field Exp         | 3        |
| LIB 311V                   |   | Information Literacy                       | 3        |
| <b>PHYS 221G/221GL (F)</b> |   | <b>General Physics for Life Sciences I</b> |          |
|                            |   | <b>+ Lab</b>                               | <u>4</u> |
|                            |   |  | 16       |

|                            |   |   |          |
|----------------------------|---|---|----------|
| <u>Junior Spring</u>       | - | Apply to Student Teaching                   |          |
| **EDUC 342 (S)             |   | Sheltered English Instruction               | 3        |
| **EDUC 402 (S)             |   | Data Literacy & Assessment                  | 3        |
| **EDUC 467 (S)             |   | Science for Educators                       | 3        |
| **#EDUC 475 (S)            |   | Student Motivation & Engagement             | 3        |
| <b>PHYS 222G/222GL (S)</b> |   | <b>General Physics for Life Sciences II</b> |          |
|                            |   | <b>+ Lab</b>                                | <u>4</u> |
|                            |   |   | 16       |

|                    |   |  |          |
|--------------------|---|--|----------|
| <u>Senior Fall</u> | - | Submit STEP Packet   |          |
| BIOL 300+          |   | Plant Science Elective   | 3        |
| BIOL 467           |   | Evolution  | 3        |
| **#EDUC 463 (F)    |   | Science Teaching Methods   | 3        |
| **RDG 414 (F)      |   | Content Area Literacy  | 3        |
| **SPED 480 (F)     |   | Secondary Curriculum, Methods &<br>Materials for Special Education | <u>3</u> |
|                    |   |  | 15       |

|                      |  |                          |          |
|----------------------|--|--------------------------|----------|
| <u>Senior Spring</u> |  |                          |          |
| **EDUC 471           |  | Student Teaching         | 9        |
| **EDUC 482           |  | Student Teaching Seminar | <u>3</u> |
|                      |  |                          | 12       |

**\*Courses with an (\*) are pre-requisites for Teacher Education Program (TEP) admission.**

**\$Courses with an (\$) are co-requisites for Teacher Education Program (TEP) admission.**

**#Course requires field experience**

**\*\*Courses with (\*\*) require admission to the Teacher Education Program (TEP).**

**(F) = Fall only; (S) = Spring only.**

*Courses in **BOLD** are guaranteed to transfer to other New Mexico colleges/universities as part of the statewide common core.*