

**SECONDARY EDUCATION – MATH**  
**Sequence of Courses: 2017-2018**

Freshman Fall

|                                |   |          |
|--------------------------------|---|----------|
| <b>*AREA I - ENGL 111G</b>     | <b>Freshman Composition</b>               | 4        |
| <b>*AREA II - MATH 191G</b>    | <b>Calculus &amp; Analytic Geometry I</b> | 4        |
| <b>AREA IV - C EP 110G</b>     | <b>Human Growth &amp; Behavior</b>        | 3        |
| <b>AREA V - HIST 101G/102G</b> | <b>Early/Recent European History</b>      | 3        |
| <b>ELECTIVE</b>                | <b>(For NM Residents)</b>                 | <u>1</u> |
|                                |   | 15       |

Freshman Spring

|  |  |          |
|--|--|----------|
| <b>AREA I - COMM 253G/265G</b>               | <b>Principles of Human Comm</b>            | 3        |
| <b>AREA IV – ECON 201G, 251G<br/>or 252G</b> | <b>Intro, Macro or Micro Economics</b>     | 3        |
| <b>AREA V - FINE ARTS “G”</b>                | <b>Art/Dance/Music/Theatre</b>             | 3        |
| <b>*#EDUC 281 (S)</b>                        | <b>Intro to Secondary Ed/Youth</b>         | 3        |
| <b>MATH 192G</b>                             | <b>Calculus &amp; Analytic Geometry II</b> | <u>4</u> |
|  |  | 16       |

Sophomore Fall

|   |   |          |
|---|---|----------|
| <b>*AREA I - ENGL 211G 311G<br/>or 318G</b>         | <b>English Composition Courses</b>                                | 3        |
| <b>AREA III – PHYS 211G/211GL<br/>or 215G/215GL</b> | <b>General Physics I + Lab or<br/>Engineering Physics I + Lab</b> | 4        |
| <b>AREA IV - SOCIAL SCIENCE</b>                     | <b>See Degree Plan</b>  | 3        |
| <b>AREA V - HIST 201G/202G</b>                      | <b>Early/Recent American History</b>                              | 3        |
| <b>MATH 291G</b>                                    | <b>Calculus &amp; Analytic Geometry III</b>                       | <u>3</u> |
|   |   | 16       |

Sophomore Spring

|   |   |          |
|---|---|----------|
| <b>AREA III – PHYS 212G/212GL<br/>or 216G/216GL</b> | <b>General Physics II + Lab or<br/>Engineering Physics II + Lab</b> | 4        |
| <b>C S 111</b>                                      | <b>Computer Science Principles</b>                                  | 4        |
| <b>*EDUC 315</b>                                    | <b>Multicultural Education</b>                                      | 3        |
| <b>E T 182</b>                                      | <b>Digital Logic</b>  | 3        |
| <b>*SPED 350</b>                                    | <b>Intro to SPED in a Diverse Society</b>                           | <u>3</u> |
|   |   | 17       |

|                    |   |                                    |          |
|--------------------|---|------------------------------------|----------|
| <u>Junior Fall</u> | - | Apply to TEP                       |          |
| \$EDLT 368         |   | Integrating Technology w Teaching  | 3        |
| #\$EDUC 381 (F)    |   | Sec Instructional Design/Field Exp | 3        |
| LIB 311V           |   | Information Literacy               | 3        |
| MATH 279           |   | Introduction to Higher Mathematics | 3        |
| MATH 280           |   | Introduction to Linear Algebra     | <u>3</u> |
|                    |   |                                    | 15       |

|                      |   |  |          |
|----------------------|---|--|----------|
| <u>Junior Spring</u> | - | Apply to Student Teaching  |          |
| A ST 311 or STAT 371 |   | Statistical Applications or<br>Statistics for Engineers & Scientists | 3        |
| **EDUC 342 (S)       |   | Sheltered English Instruction  | 3        |
| **EDUC 402 (S)       |   | Data Literacy & Assessment   | 3        |
| **#EDUC 475 (S)      |   | Student Motivation & Engagement                                      | 3        |
| MATH ELECTIVE        |   | Any Math Course numbered 300+  | <u>3</u> |
|                      |   |  | 15       |

|                    |   |  |          |
|--------------------|---|--|----------|
| <u>Senior Fall</u> | - | Submit STEP Packet                                       |          |
| **#EDUC 462 (F)    |   | Math Teaching Methods                                    | 3        |
| MATH ELECTIVE      |   | Any Math Course numbered 300+                            | 3        |
| MATH/A ST ELECTIVE |   | Any Math/A ST numbered 300+                              | 3        |
| **RDG 414 (F)      |   | Content Area Literacy                                    | 3        |
| **SPED 480 (F)     |   | Second Curr, Meth & Mat for<br>SPED in a Diverse Society | <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.*

