

# Schedule Plans for Mathematics for Secondary Teachers Major 34 Credit Hours

|                         |        | Fall                                             |    | Spring                                |                                     |   |
|-------------------------|--------|--------------------------------------------------|----|---------------------------------------|-------------------------------------|---|
| Plan A                  | Year 1 | MATH 131 Calculus I                              | 4  | MATH 132 Calculus II                  | 4                                   |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         | Year 2 | MATH 231 Multivariable Mathematics I             | 4  | MATH 232 Multivariable Mathematics II | 4                                   |   |
|                         |        | Educ 220 & 221                                   |    | MATH 280 Bridge to Higher Mathematics | 3                                   |   |
|                         |        |                                                  |    | Educ 225 & 226                        | 4                                   |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         | Year 3 | MATH 331 Real Analysis                           | 3  | MATH 311 Statistical Methods          | 2                                   |   |
|                         |        | MATH 321 History of Mathematics                  |    | 2                                     | MATH 312 Applied Statistical Models | 2 |
|                         |        |                                                  |    | Educ 285, 286, & 287                  | 6                                   |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         | Year 4 | MATH 341 Algebraic Structures I                  | 3  | Student Teaching                      | 12                                  |   |
|                         |        | MATH 351 Geometry                                | 3  | Educ 455 & 500                        |                                     |   |
|                         |        | MATH 323-324 Secondary Methods + Field Placement | 3  | Senior Seminar                        |                                     |   |
|                         |        | Educ 360 & 361                                   | 4  |                                       |                                     |   |
| Total Math Credit Hours |        | 19                                               | 15 |                                       |                                     |   |
| Total Educ Credit Hours |        | 11                                               | 22 |                                       |                                     |   |
| Plan B                  | Year 1 | MATH 131 Calculus I                              | 4  | MATH 132 Calculus II                  | 4                                   |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         | Year 2 | MATH 231 Multivariable Mathematics I             | 4  | MATH 232 Multivariable Mathematics II | 4                                   |   |
|                         |        | Educ 220 & 221                                   |    | MATH 280 Bridge to Higher Mathematics | 3                                   |   |
|                         |        |                                                  |    | Educ 225 & 226                        | 4                                   |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         | Year 3 | MATH 341 Algebraic Structures I                  | 3  | MATH 311 Statistical Methods          | 2                                   |   |
|                         |        | MATH 321 History of Mathematics                  |    | 2                                     | MATH 312 Applied Statistical Models | 2 |
|                         |        |                                                  |    | Educ 285, 286, & 287                  | 6                                   |   |
|                         |        |                                                  |    |                                       |                                     |   |
|                         | Year 4 | MATH 331 Real Analysis                           | 3  | Student Teaching                      | 12                                  |   |
|                         |        | MATH 351 Geometry                                | 3  | Educ 455 & 500                        |                                     |   |
|                         |        | MATH 323-324 Secondary Methods + Field Placement | 3  | Senior Seminar                        |                                     |   |
|                         |        | Educ 360 & 361                                   | 4  |                                       |                                     |   |
| Total Credit Hours      |        | 19                                               | 15 |                                       |                                     |   |
| Total Educ Credit Hours |        | 11                                               | 22 |                                       |                                     |   |