Mathematics-Mathematics Education Concentration

ETSU R2T Program Redesign: Program Summary for Secondary Mathematics

Suggested Fall/Spring Four-Year Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| FRESHMAN FALL | | | FRESHMAN SPRING | | |
| Course | Hours | Notes | Course | Hours | Notes |
| MATH 1910 | 4 |  | MATH 1920 | 4 | Core |
| ENGL 1010 | 3 |  | MATH 2010 | 3 | Core |
| FINE ARTS | 3 |  | ENGL 1020 | 3 |  |
| SOCIAL/BEHAVIOR SCIENCE | 3 |  | EDFN 2100 | 1 |  |
| NATURAL SCIENCE | 4 |  | NATURAL SCIENCE | 4 |  |
| CSCI 1100 (or UIT Exam) | 3 |  | HIST 2010 | 3 |  |
|  |  |  |  |  |  |
| SUBTOTAL | 17-20 |  | SUBTOTAL | 18 |  |
|  |  |  |  |  |  |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| Course | Hours | Notes | Course | Hours | Notes |
| MATH 2050 | 3 | Core | MATH 2090 | 2 | Core, IWRT, ITEC |
| MATH 2110 | 4 | Core | MATH 2120 | 3 |  |
| MATH 3000 | 3 | Core | MATH 3040 | 3 | IWRT, ICOM |
| BIOL 1100 | 4 |  | BIOL 1120 | 4 |  |
| OR |  |  | OR |  |  |
| PHYS 2110 | 5 |  | PHYS 2120 | 5 |  |
| EDFN 2300 | 2 |  | SPED 2300 | 3 |  |
| LITERATURE | 3 |  |  |  |  |
|  |  |  |  |  |  |
| SUBTOTAL | 19-20 |  | SUBTOTAL | 15-16 |  |
|  |  |  |  |  |  |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| Course | Hours | Notes | Course | Hours | Notes |
| MATH 3150 | 3 |  | MATH 4157 | 3 |  |
| MATH 3340 | 3 |  | MATH 4267 | 3 | Or Math 4257  ITEC |
| MATH 4127 | 3 |  | MATH 4010 | 3 | Or Senior Fall  IWRT, ICOM |
| EDFN 3310 | 3 |  | SOCIAL/BEHAVIOR SCIENCE | 3 |  |
| EDFN 3301 | 3 |  | SPCH 2320 | 3 |  |
| PHIL 2640 | 3 |  | HIST 2020 | 3 |  |
|  |  |  |  |  |  |
| SUBTOTAL | 18 |  | SUBTOTAL | 15-18 |  |
|  |  |  |  |  |  |
| SENIOR FALL | | | SENIOR SPRING | | |  | Course | Hours | Notes |
| Course | Hours | Notes | Course | Hours | Notes |
| MATH 4217 | 3 |  | CUAI 4580 | 12 |  |
| MATH 4257 | 3 | Or Math 4267  ITEC |  |  |  |
| MATH 4417 | 3 | Must be taken |  |  |  |
| MATH 4010 | 3 | Or Junior Spring  IWRT, ICOM |  |  |  |
| CUAI 4416 | 3 |  |  |  |  |
| CUAI 4426 | 1 |  |  |  |  |
| READ 4437 | 3 |  |  |  |  |
| MEDA 3570 | 2 |  |  |  |  |
|  |  |  |  |  |  |
| SUBTOTAL | 15-21 |  | SUBTOTAL | 12 |  |

NOTES:

CUAI 4571 Preresidency: (1 CH) Must be taken summer before Senior Fall semester.

**Oral Communication**Students must complete a minimum of **two** oral communication-intensive (ICOM) courses. At least one of these courses must be in the student’s major or minor.   (NOTE: Any course taken in the department in which a student is majoring counts as in the major.)  

**Information Technology** Students must complete a minimum of **one** information technology-intensive (ITEC) course in the student’s  major or minor.

**Writing** Students must complete a minimum of **four** writing-intensive (IWRT) courses. At least two of these courses must be in the student’s major or minor.  At least two of the four courses must be at the 3000-4000 level.

SPCH 2320 when used to fulfill general education requirements cannot be used to meet ICOM.