

**Sample Course Sequence Mathematics Secondary Special Education Fall 2022  
(PreCalculus start)**

| Year 1   |  |
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| Fall   | Spring   |
| FYW 102 Academic Writing (if needed) or FYS1XX First Seminar (LL)  | EFN 299: Schools, Communities and Culture (LL 3: Social Sciences & History-- Behavioral/Social Cultural; Race & Ethnicity) |
| SPE 103 - Social & Legal Foundations of Special Education (LL 1: Social Sciences & History-- Behavioral/Social Cultural) | FYS1XX First Seminar (LL) or LL Elective   |
| MAT 120 PreCalculus (prerequisite)   | STA 216 Statistical Inference and Probability (spring only)  |
| CSC 220 Computer Science   | MAT 127 Calculus A (LL 2: Quantitative Reasoning)  |
| MAT 099 Orientation to Mathematics major   | SED 099  |
| Year 2   |  |
| RAL 220 - Literacy Strategies, Assessment and Instruction<br>4 <sup>th</sup> Hour: Joint field experience                | SED 224: Adolescent Learning and Development   |
| SPE 214: Exploring Classroom Communities- SPED 4 <sup>th</sup> Hour Joint Field Experience                               | MAT 229 Multivariable Calculus   |
| MAT 128 Calculus B   | MAT 205 – Linear Algebra   |
| MAT 200 Proof Writing through Discrete Mathematics   | MAT 255 Perspectives on the Development of Math (LL 4: Arts and Humanities--WVWK)  |
| Year 3   |  |
| SPE 322--Inclusive Practices   | SPE 324--Teaching Students with Severe Disabilities -- 4 <sup>th</sup> Hour: Field-based Project                           |
| MAT 301 Number Theory  | MAT 305 Abstract Algebra   |

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| MTT 380: Methods of Teaching Mathematics I   | MAT 351: Geometry   |
| Liberal Learning Elective 5<br>(Literary, Visual, or Performing Arts: Children's or YA Lit course suggested) | Required Correlate<br>Bio 201*, CHE 201 or PHY 201 (LL 6: Natural Science)<br>*Fulfills state hygiene requirement |
| Liberal Learning: Historical Perspectives  |   |
| Year 4   |   |
| MAT/STA Option (1 of 2)  | <b>SPE 490 Practicum in Special Education</b>   |
| SED 399: Pedagogy in Secondary Schools (1.5 units)   | MAT 497: Topics in Secondary Mathematics from an Advanced Viewpoint (Spring only)                                 |
| RAL 328: Reading in Secondary Education (.5 units)   | MAT/STA Option (2 of 2)   |
| MTT 390: Math Methods II (fall only)   | MAT 310: Real Analysis  |

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| <b>Year 5: Graduate Year: 33 Credits Total</b>   |  |  |
| <b>Summer</b>  | <b>Fall</b>  | <b>Spring</b>  |
| <ul style="list-style-type: none"> <li>• EDUC 513: Collaboration (3 credits)</li> <li>• SPED 664: Research Trends</li> <li>• SPED 522: Remedial Instruction</li> </ul> | <ul style="list-style-type: none"> <li>• Clinical II <ul style="list-style-type: none"> <li>○ SPED 695--Internship – Content Specific AND Special Education (6 credits)</li> <li>○ SCED 667: Current Issues in Secondary Education (Capstone) (3 credits)</li> </ul> </li> <li>• Literacy Elective* (Or SPED 522 if elective taken senior year) (3 credits)</li> </ul> | <ul style="list-style-type: none"> <li>• SPED 521: Assistive Technology</li> <li>• SPED 648: Positive Behavior Supports for Student with Extreme Behaviors (3 credits)</li> <li>• SPED 631: Transition &amp; Community-Based Instruct. (3 credits)</li> <li>• *Diverse Learners Elective* (Or EDUC 513 if elective taken senior year) (3 credits)</li> </ul> |

**\*Advanced Course in Literacy: Options include:**

- RDLG 571: Lang and Teaching of Reading
- RDLG 673: Writing Process in Literacy Development
- RDLG 530: Teaching Children's Literature
- RDLG 684: Digital Literacies in a Global World
- SPED 609: Assessment & Instruction for Students with Reading Disability

***\*Advanced Course on Diverse Learners: Options include:***

- SPED 655—Social & Cultural Constructions of Behavior
- SPED 626: Teaching Students with Severe Disabilities
- ESLM 579: Lang & Lit for ESL
- ESLM 555: Intersections Of Culture, Language and (Dis)abilities