**Sample Course Sequence Mathematics Secondary Special Education Fall 2021 (Calculus)**

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| Year 1 |
| Fall | Spring |
| FYW 102 Academic Writing(if needed) or FYS1XXFirst 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) |  FYS1XXFirst 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 4th Hour: Joint field experience  | SED 224: Adolescent Learning and Development  |
| SPE 214: Exploring Classroom Communities- SPED 4th 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 -- 4th Hour: Field-based Project |
| MAT 301 Number Theory  | MAT 305 Abstract Algebra  |
| MTT 380: Methods of Teaching Mathematics I | MAT 351: Geometry |
| Liberal Learning Elective 5 (Literary, Visual, or Performing Arts: Children’s or YA Lit course suggested) | Required CorrelateBio 201\*, CHE 201 or PHY 201 (LL 6: Natural Science)\*Fulfills state hygiene requirement |
| Year 4 |
| MAT/STA Option (1 of 2) | **SPE 490 Practicum in Special Education** |
| 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 |
| Possible Summer after year 4 |
| **EDUC 513: Collaboration****SPED 664: Research Trends in Special Education****SPED 648: Positive Behavior Supports for Student with Extreme Behaviors** |
| Year 5 |
| **SPED 695--Internship –Content Specific AND Special Education** | **SPED 521 -- Assistive Technology** |
| **SCED 667: Current Issues in Secondary Education (Capstone)** | **Advanced Course on Diverse Learners:**  ***Choose 1**** SPED 655—Social & Cultural Constructions of Behavior
* ESLM 579: Lang & Lit for ESL

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| **Advanced Literacy Course:** ***Choose 1**** RDLG 571: Lang and Teaching of Reading
* RDLG 673: Writing Process in Literacy Development
 | **SPED 631: Transition & Community-Based Instruct.** |
|   | **SPED 522-- Remedial Instruction** |