**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 Correlate  Bio 201\*, CHE 201 or PHY 201 (LL 6: Natural Science)  \*Fulfills state hygiene requirement | |
| Year 4 | | |
| MAT 497: Topics in Secondary Mathematics from an Advanced Viewpoint | **SPE 490 Practicum in Special Education** | |
| SED 399: Pedagogy in Secondary Schools **(1.5 units)** | MAT/STA Option (1 of 2) | |
| 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 |
| **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** |