

**Course Sequence for 5-Year Program in Early Childhood Special Education – MATH**  
**Revised 8/10/21**

Please keep in mind this is a *suggested* sequence. There are times when alternative scheduling may be necessary and appropriate. Careful advisement from both a special education advisor and an advisor in Math is imperative.

Year 1	
Fall	Spring
<ul style="list-style-type: none"> <li>FYW -- First Year Writing or FYS -- First Year Seminar</li> <li>SPE 103 Social and Legal Foundations of Special Education</li> <li>MAT 127 Calc A</li> <li>MAT 105</li> <li>SPE 099 Advising seminar (no credit)</li> <li>MAT 099 Orientation to Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>FYS -- First Year Seminar (or U.S. History with global liberal learning designation)</li> <li>SLP 102 Language, Speech and Communication Development</li> <li>MATH 128 Calc B</li> <li>ECE 102 Multicultural Children's Literature (WGS 225 recommended to meet this requirement and gender liberal learning requirement)</li> </ul>
Year 2	
Semester III*	Semester IV
<ul style="list-style-type: none"> <li>SPE 326 Models of Early Intervention &amp; Preschool Special Ed</li> <li>ECE 201 Child and Adolescent Development</li> <li>RAL 222 Literacy Strategies, Assessment &amp; Instruction (joint field experience with ECE 201)</li> <li>MAT 200 Proof Writing through Discrete Mathematics</li> <li>MAT 229 Multivariable Calculus</li> </ul>	<ul style="list-style-type: none"> <li>ECE 202 Theories and Philosophies of Early Childhood Education (with field experience)</li> <li>ECE 203 Infants and Toddlers in Inclusive Settings (with field experience)</li> <li>SPE 324 – Severe Disabilities</li> <li>MAT 205 Linear algebra</li> <li>STA 216 Statistical Inference and Probability</li> </ul>
Year 3	
Semester V*	Semester VI
<ul style="list-style-type: none"> <li>SPE 214 Exploring Classroom Communities (with field experience)</li> <li>RAL 322 Literacy Learning Across the Curriculum-ECE (joint field experience)</li> <li>MAT 301 Number Theory</li> <li>MAT 351 Geometry</li> </ul>	<ul style="list-style-type: none"> <li>ECE 302 Concepts of Math and Science for P-3</li> <li>MAT 305 Abstract Algebra</li> <li>MAT 255 Perspectives on the Development of Mathematics</li> <li>BIO 104 Cancer, Genes, and the Environment</li> <li>U.S. History with global liberal learning designation (if not taken earlier)</li> </ul>
Year 4	
Semester VII	Semester VIII
<ul style="list-style-type: none"> <li>SPED 621 Assessment Young Children with Disabilities</li> <li>IDS 401 Music, Movement &amp; Creative Arts</li> <li>ELEM 520 Multicultural Social Studies Methods (2 credits)</li> <li>MAT/STA Option</li> <li>MAT 310 Real Analysis</li> </ul>	<ul style="list-style-type: none"> <li>ECE 490 Student Teaching (Early Childhood) (2 units)</li> <li>ECE 498 Capstone Seminar</li> <li>ECED 530 Culturally Responsive Practices with Children &amp; Parents</li> </ul>
	Awarding of B.S. degree §
Year 5	
Semester IX ( <i>Fall—Graduate Year</i> )	Semester X ( <i>Spring—Graduate Year</i> )
<ul style="list-style-type: none"> <li>SPED 695 Student Teaching (Special Education) (6 credits)</li> <li>EDUC 513 Collaboration &amp; Consultation (3 credits)</li> <li>SPED 597-Stu Tch Seminar (1 credit)</li> </ul>	<ul style="list-style-type: none"> <li>SPED 622 Intervention Strategies – Young Children with Disabilities (with field experience)</li> <li>ECED 670 Issues and Topics in Early Childhood Education (3 credits)</li> <li>SPED 648 Positive Behavior Supports for Students with Extreme Behaviors (3 credits)</li> <li>SPED 521 Assistive Technology (3 credits)</li> </ul>

	SPED 700 Comprehensive Exam (0 credit)
	M.A.T. awarded with Teacher of Students with Disabilities and P-3 certifications

\* Students with a GPA of 3.3 or higher may take a 5<sup>th</sup> course.

**Color Key:**

Courses comprising the UG early childhood special education major.

Courses comprising the masters degree program

Courses comprising the Math major

◇ Formal admission to the program is granted at the end of Spring semester, Sophomore year, provided that a student has a minimum of 16 earned course units, a grade of B- or higher in ECE 202 and in ECE 203 and a minimum GPA of 2.75 or higher. Praxis core scores are required of students based upon the cutoff scores on the SAT or ACT tests as determined by the State. Students are required to provide evidence of passing scores on the praxis core before receiving formal admission into the program.

Please note that academic program standards for retention in the program include:

- A minimum grade of B- for SPE 103, ECE 201, ECE 202, ECE 203, SLP 102, SPE 214, RAL 222, SPE 326, RAL 320 and SPE 324, RAL 322, ECE 302, ECE 490, and ECE 498.
- A minimum grade of C- for MAT 105 or MAT 106, US History and lab science
- A minimum grade of B- for all graduate courses

§ Students must have 32 units of undergraduate coursework to receive their Bachelor's degree. The 3 graduate courses taken during Year 4 do NOT count towards the undergraduate degree. Students must make sure that they are on track to graduate on time by taking 3 UG courses as either 5<sup>th</sup> courses for 3 semesters, or by transferring in course credit.

**IMPORTANT NOTE:** Students are not advised to complete a minor with this dual-major five-year program. If you elect to complete a minor, you do so with the understanding that you will need to complete all courses on the program planner at the time and semester they are being offered. There will be no waivers or course substitutions to facilitate you completing a minor.