

**Florida State University**  
**School of Teacher Education**  
**Specialist in Education (Ed.S.) in Curriculum & Instruction**  
**Major in Mathematics Education**

**Degree Requirements**

Category	Description of Courses
<p><b>Major Core</b>            (Minimum of 15 credits +            MAE 8968 Comprehensive Exam)</p>	<p><b>Required courses in the major:</b></p> <ul style="list-style-type: none"> <li>● MAE 6148 Curriculum in Mathematics Education (3)</li> <li>● MAE 6939 Seminar in Mathematics Teacher Education (3)</li> <li>● MAE 6938 Doctoral Seminar in Mathematics Education: Teaching and Learning (3)</li> <li>● MAE 6797 Advanced Seminar on Research in Mathematics Education (3)</li> </ul> <p><b>Additional courses available in the major</b> (offered online):</p> <ul style="list-style-type: none"> <li>● MAE 5658 Using Tech. in the Teaching of Mathematics</li> <li>● MAE 5691 Mathematics Teaching and Learning</li> <li>● MAE 5641 Special Topics in Mathematics Education</li> <li>● EEX 5426 Mathematics for Students with Disabilities</li> </ul> <p><b>Other possible courses in the major</b> (which may be taken if approved by the student's advisor):</p> <ul style="list-style-type: none"> <li>● MAE 5908 Directed Individual Study</li> <li>● MAE 5915 Supervised Research</li> </ul>
<p><b>Research Methods Core</b>            (Minimum of 3 credits)</p>	<p><b>Research Methods Core</b>            Students must take at least one course in research methods. Typically, this would be EDF 5481 Methods of Educational Research (3), which provides an overview of various research methodologies. Other quantitative or qualitative research methods courses are available, depending on the student's research experience.</p>
<p><b>Opportunities for Specialization</b>            (Minimum of 12 credits)</p>	<p>Students may elect to take additional courses related to Mathematics Education or research methods, which would count toward the specialization category. Depending on considerations which include course availability, specialization courses may also be selected from other disciplines such as Science Education, Educational Psychology, Mathematics, Statistics, Philosophy, Psychology, etc. These electives must be graduate-level courses, and the student's program of study must be discussed with and approved by the student's advisor.</p>