



# Curriculum Guide

## Bachelor of Science Degree in Secondary Mathematics Education

Check when complete	Course	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	EDF 3214	Human Development and Learning	3	
<input type="checkbox"/>	EME 3410	Integrating Technology in the Classroom	3	EME 2040
<input type="checkbox"/>	RED 3360	Teaching Reading in Middle/Secondary Schools	3	
<input type="checkbox"/>	MAS 3105	Applied Linear Algebra	4	MAC 2312
<input type="checkbox"/>	EDF 4430	Measurement, Evaluation and Assessment	3	
<input type="checkbox"/>	TSL 3080	ESOL Issues: Principles and Practices	3	
<input type="checkbox"/>	EDG 3343	Instructional Strategies	3	EDF 3214; (co-requisite MAE 3940)
<input type="checkbox"/>	MAE 3940	Teaching Middle School Mathematics Practicum	2	EDF 3214; (co-requisite EDG 3343)
<input type="checkbox"/>	STA 2023	Elementary Statistics I	3	MAT 1033, MAC 1105 (recommended)
<input type="checkbox"/>	EDG 4410	Classroom Management and Communication	3	EDF 3214
<input type="checkbox"/>	MTG 3212	Modern Geometries	3	MAC 2312
<input type="checkbox"/>	MAE 4363	Middle School/Secondary School Mathematics Methods	3	EDF 3214, EDG 3343, MAE 3940 (co-requisite MAE 4941)
<input type="checkbox"/>	MAE 4941	Teaching Secondary Mathematics Practicum	2	EDF 3214 (co-requisite MAE 4363)
<input type="checkbox"/>	MHF 3202	Sets & Logic	3	MAC 2311
<input type="checkbox"/>	MHF 4404	History of Mathematics	3	MAC 2311
<input type="checkbox"/>	MAS 4203	Number Theory	3	MAC 2313
<input type="checkbox"/>	MAE 4945	Student Teaching in Mathematics	10	Completion of all program requirements and approval of Clinical Education Coordinator.
<input type="checkbox"/>	MAE 4932	Seminar in Mathematics Education	3	
<p><b>Admissions Criteria:</b></p> <ul style="list-style-type: none"> <li>▪ An A.A. Degree and a minimum cumulative GPA of 2.5 are required for program admission.</li> <li>▪ Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required for admission.</li> <li>▪ Completion of the Education prerequisites EDF 2005, EDF 2085, EME 2040 is required prior to enrolling in Education courses.</li> <li>▪ Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to enrolling in any Education courses with field experience components.</li> <li>▪ Satisfactory brief narrative that includes a request for admission to the program, factors influencing the applicant's decision to teach, the applicant's philosophy of education and previous teaching or related experiences which demonstrate the applicant's potential as an educator is required.</li> <li>▪ Written recommendations from three individuals familiar with the applicant's academic work, personal character and/or ability to work with children and/or youth are required.</li> </ul> <p><b>Program Information:</b></p> <ul style="list-style-type: none"> <li>▪ Nine hours of math content courses are required.</li> <li>▪ Students may need to meet additional program requirements based on previous credits earned. Contact an IRSC Advisor for more information.</li> <li>▪ Students who have not taken two years of the same foreign language in high school must complete the second level of foreign language at the college level to meet the foreign language requirement. See College Catalog.</li> <li>▪ The following courses have field experiences: EDF 3214 (15 hours); MAT 3905 (10 hours); MAE 3940, MAE 4941 (30 hours).</li> </ul>				