



INDIAN RIVER STATE COLLEGE
PROGRAM BS - Middle Grades Mathematics
Meta Major: Education
2016-2017 Guided Pathway
S0020 Credit Hours 62

First Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	EDF3214	Human Development and Learning	3	Pre/coreq: EDF2005, EDF2085, EME2040
<input type="checkbox"/>	EDM3001	Introduction to Middle School	3	
<input type="checkbox"/>	EME3410	Integrating Technology in the Classroom	3	EME2040
<input type="checkbox"/>	MAC2311	Calculus I with Analytic Geometry	5	MAC1114, MAC1140
<input type="checkbox"/>	STA2023	Elementary Statistics I	3	MAT1033 or MGF2106 or MGF2107 ("C" or higher)
		Total Semester Credit Hours	17	

Second Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	MAE3816	Elements of Geometry	3	MAC2311; MTG2204 or MTG3212
<input type="checkbox"/>	EDG3343	Instructional Strategies	3	Pre/coreq: EDF2005, EDF2085, EME2040, EDF3214; coreq: MAE4941
<input type="checkbox"/>	RED3360	Teaching Reading in Middle/Secondary Schools	3	pre/coreq: EDF2005, EDF2085, EME2040
<input type="checkbox"/>	MAE4941	Teaching Secondary Mathematics Practicum	2	EDF2005, EDF2085, EME2040, EDF3214, 9 hrs of math; coreq: EDG3343
<input type="checkbox"/>	MHF4404	History of Mathematics	3	MAC2311
<input type="checkbox"/>				
		Total Semester Credit Hours	14	

Summer Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	TSL3080	ESOL Issues: Principles and Practices	3	
<input type="checkbox"/>				
		Total Semester Credit Hours	3	



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Third Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	EDF4430	Measurement, Evaluation and Assessment	3	Pre/coreq: EDF2005, EDF2085, EME2040
<input type="checkbox"/>	EDG4410	Classroom Management and Communication	3	Pre/coreq: EDF3214, EME2040, EDF2085, EDF2005
<input type="checkbox"/>	MAE4815	Elements of Algebra	4	MAC2311
<input type="checkbox"/>	MAE4363	Middle School/Secondary School Mathematics Methods	3	EDF3214, EDG3343, MAE4941; Coreq: MAE3940
<input type="checkbox"/>	MAE3940	Teaching Middle School Mathematics Practicum	2	EDF2005, EDF2085, EME2040, EDF3214, 9 hrs of math; coreq: MAE4363
		Total Semester Credit Hours	15	

Fourth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	MAE4945	Student Teaching in Mathematics	10	Coreq: MAE4932
<input type="checkbox"/>	MAE4932	Seminar in Mathematics Education	3	Coreq: MAE4945
		Total Semester Credit Hours	13	