



Abraham S. Fischler School of Education
DEGREE CURRICULUM SHEET | 2015 CATALOG
Bachelor of Science - Secondary Mathematics Education



GENERAL EDUCATION REQUIREMENTS

Area/Course	Credits	Frequency
<u>Written Composition</u>		
<i>6 credits at or above COMP 1500</i>		
COMP 1500 College Writing	3	FW
COMP 2000 Advanced College Writing		FW
COMP 2020 Writing About Literature	3	FW
<u>Mathematics</u>		
MATH 1040 Algebra for College Students	3	FW
MATH 1200 Pre-calculus Algebra	3	FW
<u>Arts & Humanities</u>		
<i>6 credits in HIST, ARTS, PHIL, HUMN, LITR, THEA, FILM, MUSC, DANC, WRIT, foreign language</i>		
HIST 1030 American History	3	FW
HIST 1040 American History Since 1865		FW
Open Arts & Humanities	3	FW
<u>Social & Behavioral Sciences</u>		
PSYC 1020 Introduction to Psychology	3	FW
PSYC 2350 Life-Span Human Development	3	FW
PSYC 2360 Psychology of Adolescence		FW
PSYC 2370 Early Childhood Growth and Development		FW
<u>Science</u>		
<i>6 credits in BIOL, MBIO, CHEM, SCIE, ENVS, PHYS</i>		
BIOL 1100 Concepts & Connections in Biology (Preferred)	3	FW
PHYS 1020 Concepts in Physical Science (Preferred)	3	FW
Total General Education Credits	30	

OPEN ELECTIVES

take 7 elective courses	21
Total Open Electives Credits	21

Frequency Key F-Every Fall; W-Every Winter; FO - Odd Year Fall; FE - Even Year Fall; WO - Odd Year Winter; WE - Even Year Winter

CORE

Course	Credits	Frequency
EDUC 2500 Education Pre-Enrollment Seminar	0	FW
ESOL 2903 Cross Cultural Studies	3	FW
Florida Teacher Certification Examination - General Knowledge Test		
Total Core Credits	3	

MAJOR

Course	Credits	Frequency
EDUC 3330 Integrating Instructional Technology in the Classroom	3	FW
EDUC 3350 Survey of Exceptional Student Education	3	FW
EDUC 3360 Educational Psychology	3	FW
EDUC 3525 Practices of Instruction	3	FW
EDUC 3535 Educational Assessment	3	Y
EDUC 4200 Simulation Experience - Diversity	3	Y
ESOL 3340 Survey of TESOL for Teachers	3	FW
ESOL 4565 Second Language Learning	3	Y
MATH 1250 Trigonometry	3	FW
MATH 2100 Calculus I	4	FW
MATH 2200 Calculus II	4	FW
MATH 2020 Applied Statistics	3	FW
MATH 2250 Euclidean Geometry	3	A
MATH 3300 Introductory Linear Algebra	3	A
MATH 3350 Number Theory	3	A
SECE 4320 Middle and Secondary Schools Classroom Management	3	Y
SECE 4350 Methods of Teaching Middle and Secondary Mathematics	3	FW
SECE 4560 Methods of Teaching Middle and Secondary Reading	3	Y
SEMA 4570 Secondary Mathematics Education Internship	12	FW
Florida Teacher Certification Examination - Professional Education Test		
Florida Teacher Certification Examination - Subject Area Examination		
Total Major Credits	68	

TOTAL CREDITS 122



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SAMPLE FOUR YEAR CURRICULUM | 2015 CATALOG
 Bachelor of Science - Secondary Mathematics Education



Freshman Year

Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	<u>Credits</u>
EDUC 2500 Education Pre-Enrollment Seminar	0	COMP 2000 Advanced College Writing	<i>or</i>	3
COMP 1500 College Writing	3	COMP 2020 Writing About Literature		
MATH 1040 Algebra for College Students	3	MATH 1200 Pre-calculus Algebra		3
BIOL 1100 Concepts and Connections in Biology	3	Open Arts & Humanities		3
HIST 1030 American History	3	ESOL 2903 Cross-Cultural Studies		3
HIST 1040 American History Since 1865		PSYC 2350 Life-Span Human Development	<i>or</i>	3
PSYC 1020 Introduction to Psychology	3	PSYC 2360 Psychology of Adolescence	<i>or</i>	
		PSYC 2370 Early Childhood Growth and Development		
Total Credits	15	Total Credits		15

Sophomore Year

Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	<u>Credits</u>
EDUC 3360 Educational Psychology	3	EDUC 3330 Integrating Instr. Tech. in the Classrm.		3
PHYS 1020 Concepts in Physical Science	3	EDUC 3350 Survey of Exceptional Student Ed.		3
ESOL 3340 Survey of TESOL for Teachers	3	MATH 2020 Applied Statistics		3
MATH 1250 Trigonometry	3	Open Elective		3
Open Elective	3	Open Elective		3
		Open Elective		3
		Florida Teacher Cert. Exam. - General Knowledge Test		
Total Credits	15	Total Credits		18

Junior Year

Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	<u>Credits</u>
MATH 2100 Calculus I	4	EDUC 3525 Practices of Instruction		3
MATH 2250 Euclidean Geometry	3	EDUC 3535 Educational Assessment		3
Open Elective	3	SECE 4320 Middle & Secondary Classroom Mgt.		3
Open Elective	3	MATH 2200 Calculus II		4
Open Elective	3	MATH 3300 Introductory Linear Algebra		3
Total Credits	16	Total Credits		16

Senior Year

Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	<u>Credits</u>
EDUC 4200 Simulation Experience-Diversity	3	SEMA 4570 Secondary Mathematics Ed. Internship		12
ESOL 4565 Second Language Learning	3			
MATH 3350 Number Theory	3			
SECE 4350 Meth. of Tchng. Middle & Sec. Math.	3			
SECE 4560 Meth. of Teach. Middle & Sec. Reading	3			
Florida Teacher Cert. Exam. - Professional Education Test				
Florida Teacher Cert. Exam. - Subject Area Examination				
Total Credits	15	Total Credits		12

TOTAL CREDITS 122