

B.S. Mathematics Education

2018-2019 Major Map for First Time College Student

	Sem.	Min.		Sem.	Min.
Course and Title	Hours	Grade	Course and Title	Hours	Grade
YEAR ONE – Semester 1			YEAR ONE – Semester 2		
MATH 150, Calculus I	4.0		MATH 250, Calculus II	4.0	
ENGL 101, English Composition	3.0	С	ENGL 102, English Composition II	3.0	С
PSYC 102, Intro to Psychology	3.0		MATH 221, Intro to Linear Algebra	3.0	
UNIV 101, Saluki Success	1.0		CMST 101, Intro Oral Communication	3.0	
UCC Physical Science	3.0		UCC Life Science	3.0	
	14.0			16.0	
YEAR TWO – Semester 1			YEAR TWO – Semester 2		
MATH 302, Transition to Higher Math	3.0		CS 202, Intro to Computer Science	4.0	
EDUC 214, Human Development/Learning	3.0		MATH 483, Math Stats in Engr & Society	4.0	
MATH 251, Calc III or MATH 305, Ord Diff Equa	3.0		EDUC 211, Diversity in Education	3.0	
UCC Humanities	3.0		UCC Human Health	2.0	
UCC Fine Arts	3.0		General Elective	3.0	
	15.0			16.0	
YEAR THREE – Semester 1			YEAR THREE – Semester 2		
MATH 300I, History of Mathematics	3.0		MATH 352, Theory of Calculus	3.0	
MATH 349, Intro to Discrete Math	3.0		MATH 335, Concepts of Geometry	3.0	
EDUC 313, Classroom Planning & Mgmt	3.0		EDUC 319, Language & Learning	3.0	
EDUC 301, Reflective Instruction Practices	1.0		EDUC 302, Methods of Instruction	1.0	
CI 360, Tch Read Write Secondary Content	3.0		MATH 311A, Teaching Secondary Math I	3.0	
MATH 4XX, Elective	3.0		General Elective	3.0	
	16.0			16.0	
YEAR FOUR – Semester 1			YEAR FOUR – Semester 2		
MATH 311B, Teaching Secondary Math II	3.0		EDUC 401A, Student Teaching	12.0	
MATH 319, Intro to Abstract Algebra I	3.0				
EDUC 308, Teaching Exceptional Children	3.0				
EDUC 303, Advanced Methods of Instruction	1.0				
MATH 4XX, Elective	3.0				
General Elective	2.0				
	15.0			12.0	

Total Hours: 120

Academic policies as well as degree and major-specific requirements can be found at <u>catalog.siu.edu</u>. All students are encouraged to meet with the academic advisor on a regular basis to ensure timely progress to degree.

University Core Curriculum (UCC) is satisfied with the transfer of an Associate of Art or Sciences (AA or AS) degree or the completion of the Illinois Articulation Initiative-General Education Core Curriculum (IAI-GECC) from an Illinois community college.