

B.A. Mathematics: Actuarial Mathematics

2018-2019 Major Map for First Time College Student

Course and Title	Sem. Hours	Min. Grade	Course and Title	Sem. Hours	Min. Grad
course and Thic	770475	Grade	eourse and rate	110013	Grad
YEAR ONE – Semester 1			YEAR ONE – Semester 2		
UCC Humanities	3.0		CMST 101, Intro Oral Communication	3.0	
ENGL 101, Composition I	3.0	С	ENGL 102, Composition II	3.0	С
MATH 150, Calculus I	4.0		CS 202, Intro to Computer Science	4.0	
ECON 240, Intro to Microeconomics	3.0		ECON 241, Intro to Macroeconomics	3.0	
UNIV 101, Saluki Success	1.0		UCC Fine Arts	3.0	
UCC Human Health	2.0				
	16.0			16.0	
YEAR TWO – Semester 1			YEAR TWO – Semester 2		
MATH 221, Intro to Linear Algebra	3.0		Select 1 Course ²	3.0	
MATH 250, Calculus II	4.0		MATH 251, Calculus III	3.0	
MATH 300I, History of Mathematics	3.0		UCC Multicultural	3.0	
UCC Physical Science	3.0		UCC Life Science	3.0	
Foreign Language ¹	3.0		Foreign Language ¹	3.0	
	16.0		_	15.0	
YEAR THREE – Semester 1			YEAR THREE – Semester 2		
MATH 302, Transition to Higher Math	3.0		Select 1 Course ⁴	3.0	
Select 1 Course ³	3.0		MATH 483, Stats in Engineering & Sciences	4.0	
ACCT 220, Accounting I-Financial	3.0		ACCT 230, Accounting II-Financial	3.0	
International Coursework	3.0		International Coursework	3.0	
General Elective	3.0		General Elective	3.0	
	15.0			16.0	
YEAR FOUR – Semester 1			YEAR FOUR – Semester 2		
Select 1 Course ⁵	3.0		Select 1 Course ⁶	3.0	
FIN 330, Intro to Finance	3.0		FIN 361, Mgmt of Business Finance	3.0	
MATH 401 or 402, Life Contingencies I or II	3.0		MATH 403 or 404, Loss Models I or II	3.0	
General Elective	2.0		General Elective	3.0	
General Elective	3.0				
	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.

¹Select 2-course sequence from prefixes CHIN, CLAS, EA, FL, FR, GER, JPN or SPAN

²Select one course from: ENGL 290, 291, 390, 391, or 392

³Select one course from: MATH 319, 349 or 421

⁴Select one course from: MATH 352, 450 or 455

⁵Select one course from: MATH 305, 471, 472, or 475

⁶Select one course from: MATH 400, 474 or 484