



**MAJOR ACADEMIC PLAN (MAP)**  
**MATHEMATICS FOR INFORMATION SYSTEMS**  
 EFFECTIVE CATALOG YEAR 2018-2019



**Sample Schedule (subject to course rotations)**

FALL		SPRING	
First Semester	CR	Second Semester	CR
SGE Written Communication	3	SGE Natural Science	3
SGE Natural Science	3	MATH 125 Calculus II	4
SGE Mathematics (MATH 123)	4	CSC 150 Computer Science I	3
CSC 105 Intro to Computers	3	SGE Oral Communication	3
SGE Social Science	3	SGE Arts and Humanities	3
GS 100: University Experience	0		
	<b>16</b>		<b>16</b>

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Third Semester	CR	Fourth Semester	CR
MATH Elective	3	MATH 201 Intro to Discrete Math	3
CIS 251 Business Applications Programming	3	MATH 281 Intro to Statistics	3
SGE Written Communication	3	CIS 325 Management Information Systems	3
SGE Social Science	3	SGE Arts and Humanities	3
Elective (Minor)	3	Elective (Minor)	3
	<b>15</b>		<b>15</b>

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Fifth Semester	CR	Sixth Semester	CR
MATH 316 Discrete Mathematics	3	MATH 315 Linear Algebra	3
CIS 332 Structured Systems Analysis & Design	3	MATH Elective	3
Elective (Minor)	3	CIS 350 Computer Hardware, Data Communications and Networking	3
Elective	3	or	
Elective	3	CSC 363 Hardware, Virtualization, and Data Communication	
		Elective	2
		Elective (Minor)	3
	<b>15</b>		<b>14</b>

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Seventh Semester	CR	Eighth Semester	CR
MATH Elective	3	MATH Elective	3
CIS 484 Database Management Systems	3	CIS/CSC Elective	3
Elective (Minor)	3	Elective (Minor)	3
Elective	3	Elective	5
Elective	3		
	<b>15</b>		<b>14</b>

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