

# APPLIED MATHEMATICS (DATA SCIENCE) FOUR YEAR ADVISEMENT PLAN

*for students starting with MAT 141*

FALL	WINTER	SPRING	SUMMER	Gen Ed Categories
ENG 101 (English Comp 1 RC) 3		ENG 201 (English Comp 2 RC) 3		Required Common Core = RC Flexible Common Core = FC College Option = CO
MAT 141 (Math & Quantitative Reasoning & Major) 3		Life & Physical Science (RC) 3		
100 level Justice Course (CO) 3		U.S. Experience in its Diversity (FC) 3		
Individual & Society (FC) 3		MAT 151 (Major) - see major note 4		
CSCI 171 (Scientific World & Major) 3		CSCI 172 (Major) 3		
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>		
FALL	WINTER	SPRING	SUMMER	Major Advisement & Resources
Additional Flexible Core Course (FC)* 3		Communications (CO)* 3		For more information, including Applied Math courses that meet gen ed requirements, see the major advisement & resources page <a href="#">here</a> .
Creative Expression (FC) 3		MAT 265 (Major) 3		
Learning from the Past (CO) 3		MAT 253 (Major) - see major note 4		
MAT 152 (Major) - see major note 4		MAT 351 (Major) 3		
MAT 310 (Major) 3		Elective or Minor 3		
<b>Total Credits: 16</b>		<b>Total Credits: 16</b>		
FALL	WINTER	SPRING	SUMMER	Major Note
World Cultures & Global Issues (FC) 3		300 level Justice Course (CO) 3		As of fall 2021, MAT 151 replaces MAT 241. As of spring 2022, MAT 152 replaces MAT 242. As of fall 2022, MAT 253 replaces MAT 243.
MAT 301 (Major) 3		MAT 302 (Major) 3		
MAT 341 (Major) 3		Elective or Minor 3		
MAT 367 (Major) 3		Elective or Minor 3		
Elective or Minor 3		Elective or Minor 3		
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>		
FALL	WINTER	SPRING	SUMMER	Curriculum Summary
CSCI 362 (Major) 3		MAT 455 (Major) 3		Degree Type: BS
Part 4 Course 1 (Major) 3		Part 4 Course 2 (Major) 3		Gen.Ed. Credits: 42
Elective or Minor 3		Elective or Minor 3		Major Credits: 54
Elective or Minor 3		Elective or Minor 3		Elective/Minor Credits: 24
Elective or Minor 3				Total Amount of Credits Needed to Graduate: 120
<b>Total Credits: 15</b>		<b>Total Credits: 12</b>		

**Gen Ed Note:** \* Students who are not exempt from Foreign Language must take FL101 to satisfy the Additional Flex Core Course & FL102 to complete Communications.

