

Degree Worksheet for the College of Arts and Sciences: 2021-2022

MATHEMATICS MINORS

MINOR in MATHEMATICS: 24 CREDITS

LOWER DIVISION

		Credits	Grade
MATH 157	Calculus & Analytical Geometry I	4	
MATH 258	Calculus & Analytical Geometry II	4	
MATH 259	Calculus & Analytical Geometry III	4	

UPPER DIVISION

		Credits	Grade
MATH 301	Fundamentals of Mathematics	3	
MATH 339	Linear Algebra	3	

Mathematics 400-Level Elective:

MATH		3	
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Mathematics Elective*:

MATH		3	
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**This course may be replaced by MATH 260.*

MINOR in APPLIED MATHEMATICS: 24 CREDITS

LOWER DIVISION

		Credits	Grade
MATH 157	Calculus & Analytical Geometry I	4	
MATH 258	Calculus & Analytical Geometry II	4	
MATH 259	Calculus & Analytical Geometry III	4	
MATH 260	Ordinary Differential Equations	3	

UPPER DIVISION

		Credits	Grade
MATH 339	Linear Algebra	3	

One of the following three courses:

3 credits

MATH 440	Foundations of Applied Math	3	
MATH 454	Partial Differential Equations		
MATH 462	Nonlinear Systems & Chaos	3	

Mathematics Elective:

MATH		3	
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Cannot double-count with another requirement.

MATH 301 Fundamentals of Mathematics
 MATH 321 Statistics for Experimentalists
 MATH 328 Operations Research
 MATH 341 Modern Geometry
 MATH 350 Elementary Numerical Analysis
 MATH 351 Combinatorics & Graph Theory
 MATH 360-363 Selected Topics
 MATH 413 Real Analysis I
 MATH 417 Complex Variables
 MATH 421 Probability Theory
 MATH 422 Mathematical Statistics
 MATH 423 Stochastic Processes
 MATH 437 Abstract Algebra I
 MATH 450-453 Selected Topics
 MATH 440 Foundations of Applied Math
 MATH 454 Partial Differential Equations
 MATH 457 Number Theory & Cryptography
 MATH 459 Topology
 MATH 462 Nonlinear Systems & Chaos

Check for pre-requisites when selecting electives.