

Degree Worksheet for the College of Arts and Sciences: 2019-2020

MATHEMATICS MINORS

MINOR in MATHEMATICS: 24 CREDITS

LOWER DIVISION

	Credits	Grade
MATH 157 Calculus & Analytical Geometry I	4	<input type="text"/>
MATH 258 Calculus & Analytical Geometry II	4	<input type="text"/>
MATH 259 Calculus & Analytical Geometry III	4	<input type="text"/>

UPPER DIVISION

	Credits	Grade
MATH 301 Fundamentals of Mathematics	3	<input type="text"/>
MATH 339 Linear Algebra	3	<input type="text"/>

Mathematics 400-Level Elective:

MATH	3	<input type="text"/>
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Mathematics Elective*:

MATH	3	<input type="text"/>
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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	<input type="text"/>
MATH 258 Calculus & Analytical Geometry II	4	<input type="text"/>
MATH 259 Calculus & Analytical Geometry III	4	<input type="text"/>
MATH 260 Ordinary Differential Equations	3	<input type="text"/>

UPPER DIVISION

	Credits	Grade
MATH 339 Linear Algebra	3	<input type="text"/>

One of the following two courses:

	Credits	Grade
MATH 454 Partial Differential Equations	3	<input type="text"/>
MATH 462 Nonlinear Systems & Chaos	3	<input type="text"/>

3 credits

Mathematics Elective:

MATH	3	<input type="text"/>
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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 437 Abstract Algebra I
- MATH 450-453 Selected Topics
- 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.