



DEPARTMENT OF MATHEMATICS

REQUIREMENTS FOR MATHEMATICS MINORS

(AT LEAST NINE HOURS IN THE MINOR MUST BE EARNED IN RESIDENCE.)

Option I

MATH 1496 Calculus I
MATH 1497 Calculus II
MATH 2335 Transition to Adv Math
MATH 3360 Intro to Rings and Fields

And one course from the list below.

MATH 2471 Calculus III
MATH 3331 ODE I [Upper Core : C]
MATH 3362 Intro To Group Theory
MATH 4371 Intro to Probability [Upper Core : R]
MATH 4375 Intro to Topology I *
MATH 4385 Complex Analysis *

* REQUIRES PREREQUISITES

Option II

MATH 1496 Calculus I
MATH 1497 Calculus II
MATH 3320 Linear Algebra [Upper Core : I]

And two courses from the list below.

MATH 2471 Calculus III
MATH 3331 ODE I [Upper Core : C]
MATH 4305 ODE II
MATH 4340 Numerical Methods *
MATH 4371 Intro to Probability [Upper Core : R]
MATH 4375 Intro to Topology I *
MATH 4385 Complex Analysis *

* REQUIRES PREREQUISITES

STATISTICS MINOR

MATH 2311 Statistics I
MATH 3311 Statistics II
MATH 3320 Linear Algebra [Upper Core : I]
MATH 4371 Intro to Probability [Upper Core : R]
MATH 4372 Intro to Statistical
 Inference
MATH 4373 Regression Analysis

CONTACT: Dr. Ramesh Garimella
Chair Department of Mathematics

Phone: 501-450-3147

Email: math@uca.edu