UNIVERSITY OF CENTRAL ARKANSAS™

MINORS

DEPARTMENT OF MATHEMATICS

MATHEMATICS – APPLIED

MATH 1496 Calculus I
MATH 1497 Calculus II
MATH 3331 ODE I [Upper Core: C]

And two courses from the list below:
MATH 2471 Calculus III**
MATH 3311 Statistical Methods*
MATH 3320 Linear Algebra [Upper Core: I]**
MATH 3362 Intro to Group Theory*
MATH 4340 Numerical Methods *
MATH 4371 Intro to Probability [Upper Core: R]
MATH 4385 Complex Analysis *

MATHEMATICS - PURE

MATH 1496 Calculus I
MATH 1497 Calculus II
MATH 2335 Transition to Adv Math

And two courses from the list below:
MATH 2471 Calculus III
MATH 3311 Statistical Methods*
MATH 3320 Linear Algebra [Upper Code: I]
MATH 3331 ODE [Upper Core: C]
MATH 3360 Intro to Rings and Fields**
MATH 3362 Intro to Group Theory**
MATH 4371 Intro to Probability [Upper Core: R]
MATH 4375 Intro to Topology I
MATH 4385 Complex Analysis *

MATHEMATICS INSTRUCTION

MATH 1496 Calculus I
MATH 1497 Calculus II
MATH 3370 Mathematics in the Secondary Schools

And two courses from the below list:
MATH 3354 Concepts of Discrete Math
MATH 4301 Secondary Mathematics Methods**
MATH 4313 Functions and Modeling
MATH 4345 College Geometry**
MATH 4350 Intro to the History of Mathematics

STATISTICS & DATA SCIENCE

MATH 1496 Calculus I
MATH 1497 Calculus II
MATH 3311 Statistical Methods

One of the two courses:
MATH 2341 Intro to Mathematical Computation
CSCI 1470 Computer Science I

And two courses from the below list:
MATH 3320 Linear Algebra [Upper Core: I]
MATH 3381 Data Cleaning and Visualization**
MATH 3392 Multivariate Analysis*
MATH 4371 Intro to Probability [Upper Core: R]
MATH 4373 Regression Analysis**
MATH 4392 Time Series and Forecasting*

*Requires additional prerequisites
**Recommended
At least 9 hours in the minor must be earned in residence

Dr. Loi Booher, Chair of Department of Mathematics
501-450-3147 | math@uca.edu | www.uca.edu/math