Mathematics MA

Algebra

Select 2 of the following courses:

> MATH 512 Abstract Algebra
>
> MATH 513 Linear Algebra
>
> MATH 603 Topics in Algebra
>
> MATH 612 Commutative Algebra
>
> MATH 613 Applied Linear Algebra

Geometry

Select one of the following courses:

> MATH 604 Topics in Geometry
>
> MATH 621 Modern Geometries

Probability and Statistics

Select 2 of the following courses:

> MATH 541 Theory of Probability
>
> MATH 542 Mathematical Statistics
>
> MATH 607 Topics in Statistics
>
> EPSY 612 Statistical Methods

Analysis

Select one of the following courses:

> MATH 510 Introduction to Analysis
>
> MATH 530 Real Variables I
>
> MATH 531 Complex Variables I
>
> MATH 605 Topics in Analysis

Discrete Mathematics

Select one of the following courses:

> MATH 511 Theory of Numbers
>
> MATH 606 Topics in Discrete Math
>
> MATH 640 Graph Theory

Development

Select one of the following courses:

> EPSY 621 Dev. through the Lifespan
>
> EPSY 623 Adult Development

Instruction and Curriculum

Select two of the following courses:

> CIMT 665 Instructional Innovation
>
> CIMT 689 Learn. Thy. & Inst. Strategies
>
> MATH 608 Topics in Math Education

Advanced Methods

Take the following course:

> MATH 691 Teach Math in Grades 11-16

Culminating Experience

Take the following course:

> MATH 695 Mathematics Research