

Algebraic Geometry II

Department: MATH

Course Number: 6422

Hours - Lecture: 3

Hours - Lab: 0

Hours - Recitation: 0

Hours - Total Credit: 3

Typical Scheduling: Every even spring

Description:

Continuation of Math 6421

Prerequisites:

[Math 6421](#)

Course Text:

No text

Topic Outline:

Selection from advanced topics, to vary from year to year, such as:

- Applications to theoretical computer science
- Applications to coding theory
- Bertini and connectedness theorems
- Quantum cohomology
- Mori theory