Math 519: Matrices

**MATHEMATICS**

Basic matrix theory, eigenvalues, eigenvectors, normal and Hermitian matrices, similarity, Sylvester's Law of Inertia, normal forms, functions of matrices.

3 Credits

**Prerequisites**

- Math 319: Introduction to Linear Algebra (Minimum grade: C)

**Instruction Type(s)**

- Lecture: Lecture for Math 519

**Subject Areas**

- Algebra and Number Theory

**Related Areas**

- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Mathematics, General
- Topology and Foundations