MAT 2400: Linear Algebra for Computing

Vectors, matrices, and matrix algebra; systems of linear equations; matrix inverses; least squares problems; eigenvalues and eigenvectors; using Python for computational linear algebra; applications from areas such as data science, computer graphics, graph algorithms, and web search.

**Credits:** 4.0  
**Prerequisites:**  
MAT 1500  
MAT 1500  
**Program:** Mathematics and Statistics