

MAT 3400: Linear Algebra

Theory of vector spaces, linear transformations, basis, and dimension. Selected topics from orthogonal transformations, least squares, eigenvalues and eigenvectors, similarity, diagonalization, matrix decompositions, infinite dimensional transformations.

Credits: 3.0

Prerequisites:

MAT 2600

MAT 2400

MAT 2705

MAT 3100

MAT 2600 and (MAT 2400 or MAT 2705 or MAT 3100)

Program: [Mathematics and Statistics](#)