

# MAT 8448: Clinical Trials

Basic principles of clinical trials, rationale, history, organization and planning, randomization and ethical issues, sample size determination, study designs: parallel, crossover, repeated measurements, statistical analysis of clinical trials data, interim analyses.

**Credits:** 3.0

**Prerequisites:**

MAT 4310

MAT 7404

MAT 4310 or MAT 7404

**Program:** Mathematics and Statistics