

MAT 3300: Advanced Calculus

Real numbers, sequences, convergence, supremum and infimum, completeness of the reals, continuous functions, Intermediate Value Theorem, differentiable functions, Mean Value Theorem, Riemann integral, Fundamental Theorem of Calculus, Taylor's Theorem.

Credits: 3.0

Prerequisites:

MAT 2500

MAT 2600

HON 4151

MAT 2500 :D- and (MAT 2600 :D- or HON 4151 :D-)

Program: [Mathematics and Statistics](#)