

## MATH2419 - Calculus II

[MATH 2419](#) ([MATH 2419](#)) Calculus II (4 semester credit hours) Continuation of [MATH 2417](#). Improper integrals, sequences, infinite series, power series, parametric equations and polar coordinates, vectors, vector valued functions, functions of several variables, partial derivatives and applications, multiple integration. Three lecture hours and two discussion hours a week; problem section required with [MATH 2419](#), and will also be registered for exam section. Not all MATH/STAT courses may be counted toward various degree plans. Please consult your degree plan to determine the appropriate MATH/STAT course requirements. Prerequisite: A grade of at least a C- in [MATH 2417](#). (3-2) S