

DEPARTMENT OF MATHEMATICS

COLLEGE OF ARTS AND SCIENCES

Faculty

Bryan Dawson ()

Richard Dehn ()

Chris Hail ()

Dwayne Jennings ()

Matt Lunsford ()

Assessment of Majors



Student Organizations



Course Offerings in O



213. Calculus and Analytic Geometry III (4) F, S

This course covers the topics of differential and integral calculus, including the applications of these concepts to the study of functions of one and two variables. Topics include: limits, continuity, differentiation, integration, and the study of curves in the plane and in space.

305. Statistical Methods (3) S—Odd Years

This course covers the basic concepts and methods of statistics, including the collection, analysis, and interpretation of data. Topics include: descriptive statistics, probability, and inferential statistics.

310. History of Mathematics (3) S—Even Years

This course covers the history of mathematics from ancient times to the present. Topics include: the development of numbers, geometry, algebra, and calculus, and the contributions of various mathematicians.

314. Differential Equations (3) F, S

This course covers the theory and applications of ordinary differential equations. Topics include: first-order and second-order linear differential equations, and the study of systems of differential equations.

315. Linear Algebra (3) S; W—As Needed

This course covers the theory and applications of linear algebra. Topics include: vector spaces, linear transformations, and the study of matrices. This course is a prerequisite for many advanced courses in mathematics and science.

179-279-379-479. External Domestic Study Programs (1-3) As Needed

180-280-380-480. Study Abroad Programs (1-4)

195-6-7. Special Studies (1-4)

295-6-7. Special Studies (1-4)

395-6-7. Special Studies (1-4)

495-6-7. Independent Study (1-4)

497-8-9. Seminar (1-3)