Mathematics 291

# Selected Topics in Mathematics (1–3)

### (Effective Fall 2007)

**Prerequisite:** Departmental approval. Course may be repeated with total credits not to exceed six hours.

**Catalog Description:** Lectures and/or laboratory work relating to specialized topics in mathematics. May be offered on a Pass/Fail basis.

**Learning Outcomes for Major:** This course addresses one or more of the student learning outcomes for the major.

Upon completion of his/her degree from the University of Tennessee at Martin with a major in mathematics, the graduate will be able to:

 i. apply mathematical concepts and principles to perform numerical and symbolic computations.
 ii. use technology appropriately to investigate and solve mathematical and statistical problems.
 iii. write clear and precise proofs.
 iv. communicate effectively in both written and oral form.
 v. demonstrate the ability to read and learn mathematics and/or statistics independently.

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