MATHEMATICS AND STATISTICS

DEPARTMENT OF MATHEMATICS AND STATISTICS

The Department of Mathematics and Statistics offers a four-year program in mathematics that leads to the bachelor of science degree and curriculum that leads to a minor in mathematics. The curriculum is designed to meet the needs of three groups of students: (1) those who plan to seek employment in business, industry, or government, (2) those who plan to attend graduate school to continue their study of mathematics or a related field, and (3) those who plan to be secondary school teachers.

Students majoring in mathematics are encouraged to use their elective hours to complete a second major, or at least a concentration of 18 hours or more, in the field of their choice. For example, students interested in computer science are advised to complete the following courses:

- COMS 1013 Programming Foundations I and COMS 1011 Programming Foundations I Lab
- COMS 1403 Orientation to Computing, Information, and Technology
- COMS 2003 Microcomputer Applications
- COMS 2203 Programming Foundations II
- COMS 2213 Data Structures

and two additional courses selected from COMS 3213 Algorithm Design and Analysis, COMS 3503 Visual Programming, COMS 3803, and COMS 4203.

Students interested in business electives are advised to complete:

- BUAD 2003 Business Information Systems
- BLAW 2033 Legal Environment of Business
- ACCT 2004 Accounting Principles I and ACCT 2000 Accounting Principles I Lab
- ACCT 2013 Accounting Principles II
- and ECON 2003 Principles of Macroeconomics and ECON 2013 Principles of Microeconomics

For other areas of interest, students should consult their advisor to arrange a plan of study.

Students who plan to attend graduate school in mathematics or a related field are advised to complete additional upper-level mathematics courses beyond the minimal degree requirements.

For students interested in Mathematics for Teacher Licensure, click here.

Contact Information

Professors

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Associate Professors

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For more information, please visit www.atu.edu/mathematics