

Applied Mathematics Major

www.Mathematics.Pitt.edu

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Mathematics has been described as the Queen of the Sciences. Mathematics is the language of quantitative information and structure. Quantitative information is acquired, classified and processed according to mathematical models of physical phenomena with mathematical tools. There is a wide range of applications even of the most pure of mathematical disciplines. Cryptography is based on algebra, signal processing is based on Fourier analysis, and important applications have arisen from topology to physics. Our department offers unique research opportunities for undergraduates in mathematical biology, scientific computing, and finance mathematics as well as algebra, geometry, and analysis.

Grade requirements

A grade of C or better is required in each course that is to count toward the major. A minimum GPA of 2.0 in departmental courses is required for graduation.

Satisfactory/No Credit option

Only MATH 0500 may be taken on an S/NC basis. All other courses must be taken on a letter grade basis.

Writing (W) requirement

Students must complete at least one W-course in the major.

Related area

A minimum of 12 credits of related coursework is required within the major. Eligible courses are list on the right side of this sheet and should be chosen in consultation with the major advisor.

Honors major requirements

Departmental Honors in Applied Mathematics is granted if the student:

Completes all other requirements for the major and:

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