

Minor in Applied Mathematics and Statistics

The Department of Applied Mathematics and Statistics offers the following:

Minors are available in:

Applied Mathematics and Statistics (AMS)

Required Courses

MATH201	INTRODUCTION TO STATISTICS	3.0
MATH225	DIFFERENTIAL EQUATIONS	3.0
or MATH235	DIFFERENTIAL EQUATIONS HONORS	
MATH332	LINEAR ALGEBRA	3.0
or MATH342	HONORS LINEAR ALGEBRA	

Plus 9 credits from any MATHxxx courses at the 3xx level or above, at least one of which at the 400-level or above. Recall that at most 9 credits can simultaneously satisfy both a minor requirement and another program (major or minor) requirement.

To complete an AMS Minor, students must choose 9 credits from MATHxxx courses. The following courses from other departments will also be accepted toward these 9 credits. However, at least 3 credits must be earned in a MATH course at the 400-level or above.

CSCI303	INTRODUCTION TO DATA SCIENCE	3.0
CSCI406	ALGORITHMS	3.0
CSCI441	COMPUTER GRAPHICS	3.0
CSCI444	ADVANCED COMPUTER GRAPHICS	3.0
CSCI470	INTRODUCTION TO MACHINE LEARNING	3.0
CSCI474	INTRODUCTION TO CRYPTOGRAPHY	3.0

Primary Contact

Dr. Steve Pankavich

<https://ams.mines.edu/undergraduate-program/>