

# STATISTICS (STAT)

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## Department of Mathematics and Statistics, College of Engineering and Physical Sciences

Statistics plays a fundamental role in virtually all scientific disciplines, including biology, physics, chemistry, medicine, epidemiology, kinesiology, and toxicology. Students minoring in Statistics will develop practical skills in data visualization and analysis, statistical computing, technical writing and communication in a variety of applications areas, preparing them well for careers in the modern workplace.

Students may declare this minor in any semester.

## Minor (Honours Program)

A total of 5.00 credits is required to complete the minor, including:

Code	Title	Credits
MATH*1080 or MATH*1200	Elements of Calculus I <sup>1</sup> Calculus I	0.50
MATH*1090 or MATH*1210	Elements of Calculus II <sup>2</sup> Calculus II	0.50
MATH*1160	Linear Algebra I	0.50
STAT*2040	Statistics I	0.50
STAT*2050	Statistics II	0.50
STAT*3100	Introductory Mathematical Statistics I	0.50
STAT*3110	Introductory Mathematical Statistics II	0.50
STAT*3240	Applied Regression Analysis	0.50
	0.50 additional credits in Statistics	0.50
	0.50 additional credits in Statistics or Mathematics at the 2000 level or above	0.50

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IPS\*1500 Integrated Mathematics and Physics I can count toward this 0.50 credit

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IPS\*1510 Integrated Mathematics and Physics II can count toward this 0.50 credit

**Note:** Students majoring or minoring in Mathematical Science cannot minor in Statistics.