

DATA SCIENCE MINOR

Contact

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Mission

The Data Science minor inspires students to become innovators who make impactful contributions through data analysis, modeling, computation, and simulation. The program fosters flexible and creative approaches for problem solving and the ability to gain insights about complex relationships and interdependencies, and to describe and communicate these insights for prediction and decision making.

Program Description

A student with a major in another program may minor in Data Science with the approval of the Associate Director of the School of Mathematics and Data Science.

Students wishing to declare a Data Science minor should complete a course plan in consultation with a Mathematics and Data Science faculty member.

Transfer Credit

See Undergraduate Admissions (<https://catalog.une.edu/undergraduate/admissions/>) for more information.

Admissions

See Undergraduate Admissions (<https://catalog.une.edu/undergraduate/admissions/>) for more information.

Financial Information

Tuition and fees for subsequent years may vary. Other expenses include books and housing. For more tuition and fee information, please consult this catalog's Financial Information (<https://catalog.une.edu/undergraduate/financial-information-undergraduate-programs/>) section.

Curricular Requirements

Students may earn a Minor in Data Science by completing the following:

Code	Title	Hours
Program Required Courses		
DSC 130	Exploring Data	3
DSC 225	Programming 1	3
DSC 260	Data Visualization	3
DSC 344	Machine Learning	3
MAT 120	Statistics	3
or MAT 150	Statistics for Life Sciences	
One Program Specific Elective		3-4
Total Hours		18-19

Program-Specific Electives

Code	Title	Hours
DSC 205	Introduction to Data Analysis and Modeling	3
DSC 301	Intro to Database Design/SQL	3
DSC 360	Deep Learning	3
DSC 410	Data Mining	3
DSC 420	(Predictive Modeling)	3
DSC 490	Topics in Data Science	3

Please note: While some courses can fulfill both core and program requirements, the credits earned do not count twice towards the minimum total required credits for the degree.