

Statistics-VISP Electives Offered in Fall 2026

All Statistics-VISP students must take 6 credits of Statistics undergraduate elective courses listed below. Given limited space, students cannot enroll in more than 6 credits of electives.

It may not be possible to switch undergraduate electives, so please make sure that you are thoughtful in your choice. Course descriptions are available online in the MSDS Graduate Guide [at this link](#).

- STAT 303 R for Statistics I (1 cr), STAT 304 R for Statistics II (1 cr), STAT 305 R for Statistics III (1 cr)
 - o MSDS students must enroll in either LEC 002 or 004
 - o Students who have no prior experience with R are strongly recommended to take these three courses
 - o If you have previous coursework that is equivalent to one of these courses and would like permission to enroll in a later level, email me the syllabus for evaluation
- STAT 349 LEC 002 Introduction to Time Series (3 cr)
- STAT 351 LEC 002 Introductory Nonparametric Statistics (3 cr)
- STAT 421 LEC 002 Applied Categorical Data Analysis (3 cr)
- STAT 436 LEC 002 Statistical Data Visualization (3 cr)
- STAT 441 LEC 002 Advanced Sports Analytics (3 cr)
- STAT 451 LEC 002 Introduction to Machine Learning and Statistical Pattern Classification (3 cr)
- STAT 453 LEC 002 Introduction to Deep Learning and Generative Models (3 cr)
- STAT 461 LEC 002 Financial Statistics (3 cr)
- STAT 479 LEC 004 Bayesian Statistics and Machine Learning (3 cr)

As a Statistics-VISP student, it is exceptionally important that you pay attention to the sections that you are enrolling into. The designated sections (noted by “Lecture 00x”) are for Stats-VISP & MSDS students. The other sections are for Statistics undergraduate students, so you should only enroll in the sections designated for Stats-VISP & MSDS students.