

DATA SCIENCE

DATA108 Data Science Explorations

Credits 4

Registration Requirement: RD090 and WR090, or IECC201R and IECC201W; and MTH095 or MTH098; each with a grade of "C" or higher; or placement above stated course levels.

In this course, students explore how data shapes decision-making across a wide range of fields, from science and health to business and public policy. By emphasizing the full data science cycle, students will use technology to organize, visualize, analyze, and communicate data effectively. Through hands-on projects and real-world examples, students develop the skills needed to engage critically and ethically with data. By the end of the course, students will be prepared to interpret data confidently in both academic settings and everyday life, with a strong foundation in responsible data practices.