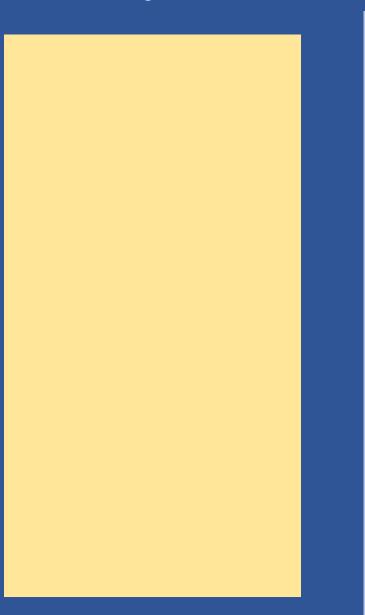# Data Science Programs at UC Merced

Data Science and Analytics

- Bachelor of Arts Degree

- No additional mathematics courses

- Also take Introductory Economics or Cognitive Science; Introductory Entrepreneurship or Design Thinking; and Technical Communications & Visualization courses, among others.

- Can choose from Application Domains in Business Analytics; the Environment and Sustainability; Policy and Decision Making; or Understanding and Modeling People

- A year-long capstone project where students work in teams to apply advanced methods of interactive data visualization and machine learning to address real-world problems

Data Science and Computing

- Bachelor of Science Degree

- Also take Linear Algebra

- Also take Machine Learning; Intermediate Computing & Statistical Programming for Data Scientists; and Computational and Inferential Depth courses, among others.

- Emphasis Tracks in Applied Mathematics; Biology; Chemistry; Environmental Systems Science; Materials Science & Engineering; Physics or design your own!

- Multilinguistic training in R and Python through a JupyterHub, a collaborative and active learning environment for writing and sharing code, text and visualizations