



Ethical Issues in Data Science

21:219:330 (3 credits)

COURSE DESCRIPTION:

This course prepares students to confront ethical questions that will arise in their future work as data and computer scientists. The course explores questions about bias in automated decision-making systems, about what constitutes appropriate collection, aggregation, and use of personal information, and about collective and individual responsibility for the social impacts of newly developed technologies.

PREREQUISITE(S):

There are no prerequisites for this course. **This course may be counted as an elective for computer science majors.**

TEXT BOOK:

There will be no textbook for this course. All readings will be made available online.

DEPARTMENT WEBSITE: <http://www.ncas.rutgers.edu/math>

THIS COURSE COVERS THE FOLLOWING:

- Bias in Algorithm Design
- User Privacy
- Informed Consent
- Individual and Corporate Responsibility
- Complicity

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