Special Topics in Data Privacy. 9 units

How should we define privacy? What are the tradeoffs between useful
computation on large datasets and the privacy of those from whom the
data is derived? This course will take a mathematically rigorous
approach to addressing these and other questions at the frontier of
research in data privacy. We will draw connections with a wide variety
of topics, including economics, statistics, information theory, game
theory, probability, learning theory, geometry, and approximation
algorithms.

No formal prerequisites, but this is an advanced, research-oriented course.