

Course Number

MTH-076-01

Course Description

In this course, we will assess democracy through multiple perspectives, most centrally through mathematics. In particular, we will ask ourselves essential questions such as: How can we measure and quantify democracy? How can quantitative methods enable us to analyze the concepts of fairness and bias, and also, what are their limitations? How can (and should) math play a vital role in upholding the essential democratic tenets of access, participation, and human rights? Throughout the course, we will use mathematical notation and terminology to represent real-world issues. Course types QMR, JDQR

Academic Term

22/FA

Instructor

Oxley, Zoe

Gasparovic, Ellen

Location & Meeting Time

Bailey Hall-100+ M/W/F 01:50PM-02:55PM LEC

Credits

1.00

Capacity

25

Total Students

24

Common Curriculum

QMR

JDQR

Academic Department

Political Science

Field Of Study

Mathematics (MTH)