Data Science for Public Policy

Course prefix: PUBP

Course number: 3042

Section: OA

CRN
32836

Instructor first name: Omar Isaac

Instructor last name: Asensio

Semester: Spring

Academic year: 2026

Course description:

PUBP 3042 Data Science for Public Policy. 3 Credit Hours. This course introduces fundamentals of data science, tools, and quantitative methodologies and ethical implications for public and social applications. Topics for policy applications vary by semester.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.

For information about Georgia Tech student-faculty expectations, visit: https://catalog.gatech.edu/rules/21. We abide by Georgia Tech's academic honor code. Any student suspected of cheating or plagiarizing on a quiz, exam, or assignment will be reported to the Office of Student Integrity, who will investigate the incident and identify the appropriate penalty for violations.

Core IMPACTS statement(s) (if applicable):

PUBP 3042 is a Georgia Tech Core IMPACTS general education course in the social sciences. Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. Course content, activities and exercises in this course should help students develop Career-Ready Competencies such as critical thinking, inquiry and analysis, ethical reasoning, intercultural competence, perspective-taking, problem solving, teamwork and persuasion. Students will effectively analyze the complexity

of human behavior, and how historical, economics, political, social, or geographic relationships develop, persist, or change. This course should direct students toward the broad Orienting Question: "How do I understand human experiences and connections?"