Quantitative Social Science

Vanderbilt University
College of Arts & Science

Committee on Individual Programs
Individually Designed Interdisciplinary Major
Date of Submission: 20 February 2023
Date of Approval: 13 January 2025

Major Requirements

I. Methodological Foundations (22 Credit Hours)

- DS 1100 Applied Programming and Problem Solving with Python
- ECON 3035 Econometric Methods
- ECON 3750 Econometrics for Big Data
- ECON 2050 Time Series Analysis
- MATH 1201 Single-Variable Calculus II
- PPS 3250 Advanced Quantitative Methods for Public Policy
- PSCI 2171 ROCCA Lab II: Quantitative Reasoning

II. Social Studies and Critical Inquiry (21 Credit Hours)

- ANTH 4156 Racial Experience and Politics
- CMA 3892 Race in Film and Media
- ENGL 3740 Critical Theory: History of Violence / Violence of History
- **PPS 3160** Public Advocacy
- SOC 3001 Sociological Perspectives
- SOC 3202 Cultural Production and Institutions
- SOC 3233 Contemporary American Society

III. Research Practicum (6 Credit Hours)

- ECON 3851 Independent Study in Economics
 Project Title: Upzoning, Housing Affordability, and Displacement in Nashville
- PHIL 3851 Independent Readings

Project Title: *Ideological Enclosures: Confucianism to Legalism and Political Economy to Neoclassical Economics*