

MA APPLIED PROFESSIONAL STUDIES (MAPS)

MAPS 507 | Survey Methods | 3 cr

Explores survey research including data collection and data analysis. Multi-career cross-listing: SOCA 307. Not available for students with credit in: SOCA 307.

Prerequisites: None.

Offered: Occasionally.

MAPS 512 | Global Warming Policy and Governance | 3 cr

Examines and evaluates greenhouse gas mitigation and adaptation policies that a variety of national and sub-national governments are implementing. Not available for students with credit in: POLS 312. Multi-career cross-listing: POLS 312.

Prerequisites: None.

Offered: Spring (odd years).

MAPS 517 | Strategic Decision Making | 3 cr

Examines decision making from both a rational and cognitive-bureaucratic perspective. Investigates the universal applications of theoretical strategic thinking, integrates tactical and strategic decision making, and applies creative and critical thinking in strategic formulation and implementation. Explores case studies of military, political and corporate strategies. Not open to those with credit in POLS 217. Multi-career cross-listing: POLS 217.

Prerequisites: None.

Offered: Spring (even years).

MAPS 523 | Institutional Racism in America | 3 cr

Examines racism within various institutions such as public government bodies, private business, and universities. Outlines political, social, ecological, and economic effects of racism. Not open to those with credit in SOCA 323. Multi-career cross-listing: SOCA 323.

Prerequisites: None.

Offered: Fall, Spring.

MAPS 584 | Modeling Landscape Ecology | 3 cr

Examines landscape ecology from the perspective of its close alignment with the understanding of scale, the causes of landscape pattern, and the interactions of spatial pattern with ecological processes. Includes metric tools and spatial model techniques to explain real world phenomena. Not open to those with credit in GEOG 384. Multi-career cross-listing: GEOG 384.

Prerequisites: None.

Offered: Occasionally.

MAPS 606 | Advanced Program Evaluation | 3 cr

Examines the procedures used to plan and evaluate programs and their operations.

Prerequisites: None.

Offered: Summer.

MAPS 634 | Ethics and Data Technology | 3 cr

Distinguishes the emerging moral conflicts with data collection and presentation, identifies the relevant ethical features, and develops strategies and policies for avoiding these conflicts.

Prerequisites: None.

Offered: Occasionally.

MAPS 640 | Smart Cities & Communities | 3 cr

Explores how advances in information communication technologies affect the built environment at various scales to understand the role of multiple actors working at the intersection of technology and urbanism and to determine the impact on community growth and resilience.

Prerequisites: None.

Offered: Occasionally.

MAPS 660 | Introduction to GIS Analysis | 3 cr

Explores spatial analysis using Geographic Information Systems (GIS) technology including data acquisition, integration, and editing. Applies GIS technologies to environmental management and urban planning. Not open to those with credit in GEOG 460. Multi-career cross-listing: GEOG 460.

Prerequisites: None.

Offered: Occasionally.

MAPS 700 | Formal Organization | 3 cr

Examines fundamental issues concerning formal organization and its impact on individuals and society.

Prerequisites: None.

Offered: Fall.

MAPS 701 | Applied Research For Professionals | 3 cr

Articulates the validity and complexity of data as illustrated in research.

Prerequisites: None.

Offered: Fall.

MAPS 702 | Professional Ethics | 3 cr

Identifies ethical and moral problems and formulates strategies to avoid making ethically questionable choices.

Prerequisites: None.

Offered: Spring.

MAPS 703 | Professional Communication | 3 cr

Examines communication or communication in a global workplace emphasizing intercultural and multi-generational differences. Cross-listed with: COMM 703.

Prerequisites: Consent of instructor.

Offered: Yearly.

MAPS 705 | Practicum | 3 cr

Provides an opportunity to use coursework knowledge in an applied setting based on specialization area. Requires 100 hours of a supervised project.

Prerequisites: Completed 18 credits of MAPS coursework.

Offered: Fall, Spring, Summer.

MAPS 710 | The Global City | 3 cr

Examines urbanism and the global city under present-day conditions, including modernity, late-capitalism and globalization.

Prerequisites: None.

Offered: Fall.

MAPS 720 | Foundations of Public Service | 3 cr

Investigates management, policy, urban studies and leadership in the public sector.

Prerequisites: None.

Offered: Spring (odd years).

MAPS 721 | Public Policy | 3 cr

Examines how political coalitions shape policy outcomes, the influence of institutions on policy design, and the evaluation of public policy.

Prerequisites: None.

Offered: Spring (even years).

MAPS 722 | Social Justice and Public Service | 3 cr

Examines environmental injustice, poverty, homelessness, and gender, housing, and educational inequalities.

Prerequisites: None.

Offered: Spring.

MAPS 729 | Special Topics in Public Service | 3 cr

Provides an in-depth study of new and/or special-interest subject areas within the discipline. Course may be repeated with a different topic for a maximum of 6 credits.

Prerequisites: None.

Offered: Occasionally.

MAPS 730 | Data Visualization Concepts | 3 cr

Explores data visualization including opportunities for critiquing representations of data, techniques used in analysis packages and best practices for data visualization to different audiences.

Prerequisites: Consent of instructor.

Offered: Spring (odd years).

MAPS 731 | Data Visualization and Communication: Tableau | 1 cr

Create and distributes interactive and shareable visual analytics using Tableau.

Prerequisites: Consent of instructor.

Offered: Summer.

MAPS 732 | The Essentials of R For Professionals | 1 cr

Analyzes and describes generic programming language concepts as they are implemented in R. Creates plots, tables and charts to visualize analysis results.

Prerequisites: Consent of instructor.

Offered: Summer.

MAPS 733 | The Essentials of SPSS for Professionals | 1 cr

Uses SPSS to summarize and display large amounts information using visual analytics.

Prerequisites: Consent of instructor.

Offered: Summer.

MAPS 739 | Special Topics in Data Visualization & Interpretation: | 3 cr

Provides opportunity for an in-depth study of new and/or special-interest subject areas within the discipline. Course may be repeated with a different topic for a maximum of 6 credits.

Prerequisites: Consent of instructor.

Offered: Occasionally.

MAPS 741 | Smart Policy-Making | 3 cr

Delves into identifying and building new smart skills that are most effective in policy-making and policy implementation to create urban environments more livable, equitable, and efficient.

Prerequisites: None.

Offered: Fall.

MAPS 742 | Public Private Partnerships | 3 cr

Examines how governments partner with for-profit and non-profit organizations to shape public policy, redefine traditional methods of public administration, and solve some of the world's most intractable problems.

Prerequisites: None.

Offered: Summer.

MAPS 743 | Civic Technology | 3 cr

Explores technology that enables greater participation in government or otherwise assists government in delivering citizen services and strengthening ties with the public.

Prerequisites: None.

Offered: Summer.

MAPS 744 | Human Machine Interface | 3 cr

Explores how humans and machines engage in effective decision-making processes by aligning values, ethics, and shared cognition and how interface design affects social and cultural factors.

Prerequisites: None.

Offered: Spring.

MAPS 769 | Special Topics in Content Expertise for Professional Educators: | 3 cr

Provides opportunity for an in-depth study of new and/or special-interest subject areas within the discipline. Course may be repeated for a maximum of nine credits with a different topic.

Prerequisites: Consent of instructor.

Offered: Summer.

MAPS 770 | Exploring Place-Based Education | 3 cr

Explores place-based education through the use of local, regional, and/or national communities and the environment as the basis for teaching and learning. Course may be repeated with a different topic for a maximum of 9 credits. Field Trips.

Prerequisites: Consent of instructor.

Offered: Occasionally.

MAPS 799 | Independent Study | 1-3 cr

Provides an opportunity to work on an independent research study or project under the supervision of a faculty member.

Prerequisites: Consent of instructor and department chair.

Offered: Fall, Spring, Summer.