PPOL 441. *ENERGY AND SOCIETY. (4 Credits)
Explores the complex interrelationships between humans and energy, emphasizing the role of energy in critical social issues, including but not limited to: domestic and international conflict, poverty, social change, inter-generational equity, energy transitions and environmental justice. (Bacc Core Course)
Attributes: CSST – Core, Synthesis, Science/Technology/Society

PPOL 446. THE POLICY AND LAW OF U.S. COASTAL GOVERNANCE. (4 Credits)
Examines federal and state policy, legislative and judicial protections of public beach access; ownership and use of tide and submerged lands, including the public trust doctrine; wetland conservation; and the Federal Coastal Zone Management Act. This course is intended to equip future environmental and natural resource professionals with a foundation in US coastal management, especially areas where new professionals will be very involved (coastal development, offshore/alternative energy, and sea level rise/storm hazards). The format includes reading, discussion, and student presentations. Readings will be drawn from the textbook; additional readings will be posted on Canvas.

PPOL 447. INTEGRATED POLICY: FOOD, ENERGY, WATER, CLIMATE. (4 Credits)
Environmental decisions include trade-offs. Policy choices for sustainably providing Earth’s eight billion people with food, energy, and water are urgently needed. Policy sectors (such as food) risk outcomes that are not beneficial, and impose long-term costs and potential catastrophic climate burdens. This transdisciplinary course examines emerging integrated policies concerning provision of food, energy, and water and their relationship to climate.

PPOL 448. MARINE POLICY IN THE UNITED STATES. (4 Credits)
Introduces students to the history, rationale, achievements, and gaps in American ocean policy. Students will acquire foundational tools of policy analysis and problem solving, and will synthesize and apply their knowledge creatively in order to propose integrated policy solutions to specific contemporary marine issues.

PPOL 501. RESEARCH AND SCHOLARSHIP. (1-12 Credits)
Graded P/N.
This course is repeatable for 99 credits.

PPOL 505. READING AND CONFERENCE. (1-4 Credits)
This course is repeatable for 16 credits.

PPOL 507. SEMINAR. (1-4 Credits)
This course is repeatable for 16 credits.

PPOL 510. INTERNSHIP. (1-12 Credits)
Supervised work experience in government, public policy, public affairs or non-profit organizations. Reports and appraisals required. Graded P/N.
This course is repeatable for 12 credits.

PPOL 511. PUBLIC ORGANIZATIONS AND LEADERSHIP. (4 Credits)
Provides an historical overview of developments in, and theories associated with, the organization and control of public organizations. Students will critically examine various influential models of bureaucracy, while also learning about the strengths and weaknesses of emergent forms of bureaucratic organization, including networks, public-private partnerships, collaboration, and governance. The course also explores different theories of leadership, assisting students in the development of their own authentic leadership style, and thinking through the application of such theories and styles to the real world of public organization leadership, especially in the fragmented, decentralized, complex, and uncertain contemporary environment of networks, partnerships, and governance.

PPOL 512. PUBLIC POLICY THEORY. (4 Credits)
Theoretical approaches to the study of the policy process, policy elements, policy tools, (e.g., regulation), and policy typologies.

PPOL 521. UNDERSTANDING SOCIAL RESEARCH. (4 Credits)
Study of basic concepts and principles of qualitative and quantitative social research, including selection of general strategies and specific designs, conceptual and operational measurement, sample selection, data collection, data processing and analysis techniques, interpretation and reporting. Utilizes reports of social research in scholarly journals, popular media, and agency documents. Emphasis on critical evaluation and interpretation.

PPOL 522. CONDUCTING SOCIAL RESEARCH. (4 Credits)
Reviews concepts and principles covered in SOC 415 with emphasis on actual experiences in using techniques of social research and gaining greater depth of knowledge and skill. Assignments involve practicing techniques used in various phases of the research process, including both qualitative field observation and computerized processing and analysis of quantitative information. Individual or group research projects will be required.

PPOL 523. QUALITATIVE RESEARCH METHODS. (4 Credits)
An introduction to the theory and methods of qualitative research. Students will be exposed to various qualitative research methods through practical field exercises. These include ethnographic field observation, content analysis, interviewing, focus groups and unobtrusive measures. Other commonly used methods of collecting qualitative data are also examined.

PPOL 524. APPLIED RESEARCH METHODS. (4 Credits)
Application of sociological theory, concepts, and methods. Topics vary but may include program evaluation, social impact assessment, policy analysis, focus group research, survey research, among others.

PPOL 525. MANAGING AND GOVERNING PUBLIC AND NON-PROFIT ORGANIZATIONS. (4 Credits)
Provides students with an introduction to management in public and non-profit organizations. Public and non-profit managers face challenges that are not faced by their counterparts in the private sector. These challenges are often associated with a different legal structure, employee protections, and differences in ethos and motivation. Students will build on knowledge of public administration to examine contemporary issues of public management and public governance and the techniques and challenges of management in practice. Successful completion of the course will equip students to be critically reflective practitioners and scholars of the management of public and non-profit organizations.
PPOL 531. INFLUENCING PUBLIC POLICY: AN INTRODUCTION TO THE DARK ARTS. (4 Credits)
Explores the various tactical and strategic behaviors that individuals and groups use to influence public policy. Focusing on the ethical and pragmatic dimensions of policy consequential tactics and strategy, topics vary but may include policy communication, the use of science and evidence, human cognition and decision-making processes, lobbying, and vote and agenda manipulation.

PPOL 541. ENERGY AND SOCIETY. (4 Credits)
Explores the complex interrelationships between humans and energy, emphasizing the role of energy in critical social issues, including but not limited to: domestic and international conflict, poverty, social change, inter-generational equity, energy transitions and environmental justice.

PPOL 544. COLLABORATIVE GOVERNANCE. (4 Credits)
Explores and develops the norms, rules, institutional design, decision-making dynamic, and politics of collaborative governance arrangements for complex natural resource problem settings. Designed to bring together traditional adversaries, government agencies, and citizens to resolve and improve management of collective public problems, collaborative governance for natural resources is now an important problem-solving tool that is employed in thousands of communities, watersheds, and landscapes around the world.

PPOL 545. INTERNATIONAL MARINE POLICY. (4 Credits)
Explores the institutional, political and legal factors that impact international marine policy with an emphasis on the United Nations Law of the Sea Convention. Additional topics include marine resource exploitation, climate change, and national security issues as they pertain to the world's oceans, coasts, and national policies. This course is repeatable for 16 credits.

PPOL 546. THE POLICY AND LAW OF UNITED STATES COASTAL GOVERNANCE. (4 Credits)
Examines federal and state policy, legislative and judicial protections of public beach access; ownership and use of tide and submerged lands, including the public trust doctrine; wetland conservation; and the Federal Coastal Zone Management Act. This course is intended to equip future environmental and natural resource professionals with a foundation in US coastal management, especially areas where new professionals will be very involved (coastal development, offshore/alternative energy, and sea level rise/storm hazards). The format includes reading, discussion, and student presentations. Readings will be drawn from the textbook; additional readings will be posted on Canvas.

PPOL 547. INTEGRATED POLICY: FOOD, ENERGY, WATER, CLIMATE. (4 Credits)
Environmental decisions include trade-offs. Policy choices for sustainably providing Earth's eight billion people with food, energy, and water are urgently needed. Policy sectors (such as food) risk outcomes that are not beneficial, and impose long-term costs and potential catastrophic climate burdens. This transdisciplinary course examines emerging integrated policies concerning provision of food, energy, and water and their relationship to climate.

PPOL 548. MARINE POLICY IN THE UNITED STATES. (4 Credits)
Introduces students to the history, rationale, achievements, and gaps in American ocean and coastal policy. Students will acquire foundational tools of policy problem solving, critique, and analysis, and will synthesize and apply their knowledge creatively to propose integrated policy solutions to specific contemporary marine issues.

PPOL 551. HIGHER EDUCATION POLICY. (4 Credits)
An introduction to policy issues in the area of higher education and exploration of possible tensions within the policy goals of quality, equity, access and outcomes. Students will gain knowledge of the key pieces of legislation and constitutional law governing higher education policy at both federal and state levels, as well as an overview of the relevant research in this area. Begins with a short historical introduction to the U.S. higher education system and concludes with a discussion of its competing demands and functions.

PPOL 552. INTERNATIONAL COMPARATIVE RURAL POLICY. (4 Credits)
Examines and compares the role of rural policy in different cultural, political and administrative contexts at the international, national, state, regional and local levels. The course also provides the opportunity to study the nature and implications of new forms of governance in rural contexts in North America and Europe.

PPOL 599. SPECIAL TOPICS. (1-4 Credits)
This course is repeatable for 16 credits.

PPOL 602. INDEPENDENT STUDY. (1-4 Credits)
This course is repeatable for 16 credits.

PPOL 603. THESIS. (1-12 Credits)
This course is repeatable for 999 credits.

PPOL 607. SEMINAR. (1-4 Credits)
This course is repeatable for 16 credits.

PPOL 609. PRACTICUM. (1-12 Credits)
This course is repeatable for 24 credits.

PPOL 613. ADVANCED POLICY THEORY I. (4 Credits)
First of two-class series introducing a comprehensive review of public policy theory focused on examining theoretical approaches to understanding the complex and contentious assumptions and premises that pose challenges to the way we conduct public policy.

PPOL 614. ADVANCED POLICY THEORY II. (4 Credits)
Second course in a two-course series providing a comprehensive review of public policy theory. The course examines theoretical approaches to understanding the complex and contentious assumptions and premises that pose challenges to the way we conduct public policy.

PPOL 621. ADVANCED QUANTITATIVE METHODS. (4 Credits)
Methods used in research in the social sciences, focused on causal inference in public policy contexts. Covers methods used at the frontier of research to estimate the causal effect of policies on outcomes, including instrumental variables, regression discontinuity, and difference-in-differences estimation.

PPOL 622. ADVANCED POLICY ANALYSIS. (4 Credits)
Introduction to advanced quantitative modeling used in policy analysis, with an emphasis on the application of modeling techniques to research papers. Focus is predominantly on counts and zero-truncated modeling, time series, and panel regression.

Prerequisites: (ECON 524 with B+ or better and PPOL 522 [B+]) or PPOL 621 [C+] or (AEC 523 [C+] and AEC 525 [C+])

PPOL 628. ADVANCED QUALITATIVE METHODS. (4 Credits)
Focus on epistemological approaches, research design, data analysis techniques and critiques of qualitative research, with emphasis on participant observation and interviewing. Culminates in the written and oral presentation of a qualitative research proposal, including preliminary results from fieldwork conducted during the course.

Prerequisites: ANTH 591 with C or better or HDFS 538 with C or better or SOC 518 with C or better
PPOL 699. SPECIAL TOPICS. (1-16 Credits)
This course is repeatable for 16 credits.