

PUBLIC POLICY (PUBP)

PUBP 1142. Teams and Collaboration. 3 Credit Hours.

Exposes students to essential theories and concepts for analyzing, understanding, and managing teams in the context of complex interdependent public problems. Credit not awarded for both PUBP 1142 and PUBP 2142.

PUBP 1XXX. Public Policy Elective. 1-21 Credit Hours.

PUBP 2010. Political Processes. 3 Credit Hours.

Introduction to political models and theories of policy making. Agenda-setting, stakeholder involvement, policy adoption, policy design and implementation, evaluation, and advocacy.

PUBP 2012. Foundations of Public Policy. 3 Credit Hours.

An in-depth exploration of American public policy, with emphasis on the dynamics of policymaking in policy areas such as health care, research, energy and environment, income maintenance, and economic development.

PUBP 2030. Organizations and Policy. 3 Credit Hours.

An exploration of the roles and activities of bureaucracies in the implementation of policies and programs, with emphasis on practical issues of public management. Credit not allowed for both PUBP 2030 and PUBP 3010.

PUBP 2142. Teams and Collaboration in Context. 3 Credit Hours.

Exposes students to essential theories and concepts for analyzing, understanding, and managing teams in the context of complex interdependent public problems. Credit not awarded for both PUBP 2142 and PUBP 1142.

PUBP 2651. Public Policy Internship. 1-3 Credit Hours.

Course projects related to professional internships. Topics, credit, and requirements to be arranged by student, instructor, and sponsor. Maybe taken only once.

PUBP 2694. Intern Assistantship. 1-21 Credit Hours.

Undergraduate Internship for Public Policy for pay.

PUBP 2695. Undergraduate Internship. 1-21 Credit Hours.

Undergraduate Internship for Public Policy for academic credit.

PUBP 2698. Undergraduate Research Assistantship. 1-12 Credit Hours.

Independent research conducted under the guidance of a faculty member.

PUBP 2699. Undergraduate Research. 1-12 Credit Hours.

Independent research conducted under the guidance of a faculty member.

PUBP 2803. Special Topics. 3 Credit Hours.

Courses on special topics of current interest in Public Policy.

PUBP 2XXX. Public Policy Elective. 1-21 Credit Hours.

PUBP 3000. American Constitutional Issues. 3 Credit Hours.

Examines the American social and political system through the prism of Constitutional issues decided by the U.S. Supreme Court. Includes study of the Constitution of Georgia.

PUBP 3016. Judicial Process. 3 Credit Hours.

The functions, structures, and procedures of state and federal court systems, including selection and appointment of judges, judicial activism, influences on court decisions, and enforcement of court decisions.

PUBP 3020. Applied Political Economy. 3 Credit Hours.

Roles of markets and government in allocating resources. Rational choice approaches to understanding policy. Institutional design. Growth and sustainability.

PUBP 3030. Policy Analysis. 3 Credit Hours.

The science and craft of professional problem-solving, analysis, and advice. Economic and political approaches and techniques for analysis of costs, benefits, and risks.

PUBP 3042. Data Science for Public Policy. 3 Credit Hours.

Introduces fundamentals of data science, tools, and quantitative methodologies and ethical implications for public and social applications. Topics for policy applications vary by semester.

PUBP 3120. Statistical Analysis for Public Policy. 3 Credit Hours.

Introduction to probability, descriptive statistics, inferential statistics and analysis, and spreadsheets. Emphasis application of basic statistical concepts to public policy and administration problems. Credit not allowed for both PUBP 3120 and PUBP 4113.

PUBP 3130. Research Methods and Problem Solving. 3 Credit Hours.

Conceptual and methodological issues in policy studies, including causality, explanation, models, threats to research, data collection, and assessment of applicability to policy issues. Design of research. Credit not allowed for both PUBP 3130 and PUBP 3110.

PUBP 3141. Leading Social Organizations. 3 Credit Hours.

This course is designed to give the student a sound understanding of how to lead and manage change in social organizations.

PUBP 3201. Introduction to Social Policy. 3 Credit Hours.

A survey of public policies directed toward social problems in America and their evolution and reform. Development of role of government in addressing issues related to poverty and social welfare.

PUBP 3210. U.S. Health Policy. 3 Credit Hours.

Evolution of major US health care institutions and related policies and politics; their purposes, effects, and relationships; and recent and possible health policy reforms.

PUBP 3214. African American Politics. 3 Credit Hours.

An exploration of the organizations, strategies, and issues that have defined African American political life in the post-civil rights era in the United States.

PUBP 3230. STEM Education Policy. 3 Credit Hours.

A seminar exploring the role of public policy in shaping the conduct of STEM (science, technology, engineering, and mathematics) education in the United States.

PUBP 3244. Stem Cell Science, Policy, and Ethics. 3 Credit Hours.

Examination of current state of scientific knowledge regarding stem cells and historical development, relevant ethical issues, and policy considerations.

PUBP 3315. Environmental Policy and Politics. 3 Credit Hours.

Overview of the major institutions, organizations, official and unofficial actors in environmental policy and politics, and what influences their environmental decisions and actions. Credit not allowed for both PUBP 3315 and PUBP 4314.

PUBP 3320. Climate Policy. 3 Credit Hours.

Examines relevant scientific theory and evidence, political history, policy options, alternative policy analysis frameworks, and the influence of science and scientific uncertainty on climate policy.

PUBP 3350. Energy Policy. 3 Credit Hours.

Examines policies impacting the production and utilization of energy in the U.S. and abroad. Addresses resource constraints, physical principles, and policy analysis tools and concepts.

PUBP 3502. Information and Communications Technology Policy. 3 Credit Hours.

Examination of the convergence of information technology, communications and telecommunications, policymaking within the executive/regulatory branches, special interest group role, and key domestic and international issues. Credit not allowed for both PUBP 3502 and PUBP 4512.

PUBP 3510. Politics and Policy. 3 Credit Hours.

Application of political science and other social science concepts and theories to current issues. Investigates several current topics in detail.

PUBP 3520. Globalization and Public Policy. 3 Credit Hours.

This course will serve as an introduction to the fundamental concepts, theories, conflicts, and issues of globalization and its effects on public policy.

PUBP 3600. Sustainability, Technology, and Policy. 3 Credit Hours.

Ethical, scientific, technological, economic, and political dimensions of sustainable human practices, applying multidisciplinary perspectives to challenges facing public and private-sector approaches to sustainability.

PUBP 3610. Pre-Law Seminar. 3 Credit Hours.

Examination of the legal profession and areas of legal specialization (e.g., contract, property, intellectual property, international). Emphasizes skills and values that are essential to success in law school and competent lawyering.

PUBP 3XXX. Public Policy Elective. 1-21 Credit Hours.

PUBP 4010. Policy Task Force I. 3 Credit Hours.

Capstone project in which teams of students formulate, analyze, and recommend policy options.

PUBP 4020. Policy Task Force II. 3 Credit Hours.

Capstone project in which teams of students formulate, analyze, and recommend policy options.

PUBP 4111. Internet and Public Policy. 3 Credit Hours.

Analyzes policy implications of Internet architecture (Internet protocols, domain name system, packet switching, peer-to-peer) and surveys policy issues about content, privacy, intellectual property, and governance.

PUBP 4120. Survey Research Methods. 3 Credit Hours.

Methods for producing and reporting valid surveys, including composition of questions, design and implementation of survey strategies, and analysis and communication of results.

PUBP 4130. Policy Analysis and Program Evaluation. 3 Credit Hours.

Analytical methods for rational planning and policy analysis, emphasizing "learning by doing" as students examine alternative types of policy analysis, establish evaluation criteria, and evaluate policy implementation.

PUBP 4140. Foundations of Leadership. 3 Credit Hours.

This course offers a comprehensive review of contemporary issues and perspectives on leadership, including multi-disciplinary and systems-oriented approaches as well as classic theory, moving to the examination of evolving contemporary beliefs.

PUBP 4200. Social Policy Issues. 3 Credit Hours.

A review of conceptual and analytical perspectives in social policy and coverage of major areas of persistent social problems, including health care, welfare reform, housing, education, reproductive issues, and gerontology.

PUBP 4211. Urban Policy. 3 Credit Hours.

Urban policy and urban economic development examined historically, nationally, and locally. Approaches to urban development and redevelopment.

PUBP 4212. Women and Public Policy. 3 Credit Hours.

The status of women in American society as a function of rights and opportunities conferred upon women by governmental actions and as influenced by forces of social change.

PUBP 4214. Gender, Science, Technology, and Public Policy. 3 Credit Hours.

The course focuses on the connections between gender, science, and technology, and issues of public policy.

PUBP 4226. Business and Government. 3 Credit Hours.

How government regulates business and markets, and how business exercises power and influence on government in areas such as antitrust, financial markets, safety and health, and environmental quality.

PUBP 4260. Economic Development Policy and Planning. 3 Credit Hours.

Introduction to the context, theory, processes, and practice of regional and local economic development policy and planning in the U.S. and internationally.

PUBP 4338. Environmental Impact Assessment. 3 Credit Hours.

Examines policy, planning, and methodological issues in the environmental impact assessment of engineering systems. Emphasizes regulatory aspects of environmental analysis and key analytical techniques, and the incorporation of environmental considerations into engineering design processes.

PUBP 4410. Science, Technology, and Public Policy. 3 Credit Hours.

Examination of relationships between science, technology, and government, and their mutual influence on public and private decisions.

PUBP 4414. Technology, Innovation, and Policy. 3 Credit Hours.

Theories and concepts of technological innovation and diffusion, economic development, and the role of public and private institutions in technological development at the firm, industry, regional, national, and international levels.

PUBP 4416. Critical Issues in Science and Technology. 3 Credit Hours.

Exploration of technology and technological society, going beyond utility and functionality to consider justice, meaningfulness, and self-realization. Perspectives include political economy, aesthetics, and social change.

PUBP 4440. Science, Technology, and Regulation. 3 Credit Hours.

Examines historical, legal, economic, and political rationales for regulation. Survey of administrative law and processes, risk analysis/management, expertise and public, and current topical issues. Credit not allowed for both PUBP 4440 and PUBP 6440.

PUBP 4501. Info Policy & Management. 3 Credit Hours.

An introduction to the role of information and knowledge in modern private and public organizations. It covers theoretical and practical aspects of information seeking, gathering and use in organizations as well as knowledge creation and its role in private and public management. Credit not awarded for both PUBP 4501 and PUBP 6501.

PUBP 4514. Mass Communication Policy. 3 Credit Hours.

Examines mass media influences, activities, characteristics, and behavior with respect to the political process and government. Structure of media markets, characteristics of news and advertising, and impacts of changing technologies on political processes.

PUBP 4530. Introduction to Geographic Information Systems. 3 Credit Hours.

Overview of GIS concepts, methods, and terminology, Introduction to PC-based GIS software. Applications to marketing, natural resource management, and public information systems. Students use case studies to design and implement actual projects.

PUBP 4532. Advanced GIS Topics: Spatial Analysis, GIS Programming, and Map Internet Server. 3 Credit Hours.

Introduction to raster-based GIS software, Avenue script language, and map Internet server. Applications to marketing, natural resource management, and public information systems.

PUBP 4600. Senior Seminar/Thesis. 3 Credit Hours.

A capstone course usually taken in the student's last term before graduation, the senior seminar and thesis involves writing an original paper entailing policy analysis relevant to a public or nonprofit agency.

PUBP 4609. Legal Practice. 3 Credit Hours.

This course develops skills in reading and comprehension of legal materials, analysis of legal writing, and document drafting in selected areas of law.

PUBP 4620. Environmental Law. 3 Credit Hours.

Investigation of the principal environmental laws and regulations. The class will also consider philosophical and ethical underpinnings of environmental law.

PUBP 4630. Law, Medicine, and Ethics. 3 Credit Hours.

This course will examine common ethical dilemmas and challenges in medicine, methods for thinking ethically, and how the law responds to these situations.

PUBP 4640. Technology Law, Policy, and Management. 3 Credit Hours.

An in-depth analysis of patent law and survey of other forms of intellectual property protection, including trademark, copyright, and trade secrets.

PUBP 4650. Internet Law. 3 Credit Hours.

Covers issues including copyright (including music/video file sharing), privacy; freedom of speech (including defamation and obscenity), jurisdiction, regulation, and crimes as applied to the Internet.

PUBP 4651. Public Policy Internship. 1-6 Credit Hours.

Course projects related to professional internships. Topics, credit, and requirements to be arranged by student, instructor, and sponsor.

PUBP 4652. OLA Legal Internship. 1-3 Credit Hours.

Supervised professional internship with the Georgia Tech Office of Legal Affairs.

PUBP 4694. Intern Assistantship. 1-21 Credit Hours.

Undergraduate Internship for Public Policy for pay.

PUBP 4695. Undergraduate Internship. 1-21 Credit Hours.

Undergraduate Internship for Public Policy for academic credit.

PUBP 4698. Undergraduate Research Assistantship. 1-12 Credit Hours.

Independent research conducted under the guidance of a faculty member.

PUBP 4699. Undergraduate Research. 1-12 Credit Hours.

Independent research conducted under the guidance of a faculty member.

PUBP 4725. Information Security Policies and Strategies. 3 Credit Hours.

Information security vulnerabilities and risks; legal, cost, privacy, and technology constraints; derivation of strategies; technical and procedural means of achieving desired ends. Credit not awarded for both PUBP 4725 and PUBP 6725/CS/MGT 4725/6725.

PUBP 4726. Privacy, Technology, Policy and Law. 3 Credit Hours.

This course takes a multi-disciplinary approach to privacy, a topic of great interest in the technology, policy, ethics and law business realms. Credit will not be awarded for more than one of PUBP 4726, MGT 4726, MGT 6726, CS 4726 OR CS 6726.

PUBP 4756. Technology Forecasting and Assessment. 3 Credit Hours.

Develops skills in methods for technology monitoring, forecasting, and assessment; draws on examples in various emerging technologies. Collection and analysis of quantitative and qualitative data on emerging technologies and their implications. Crosslisted with ISYE 4756.

PUBP 4803. Special Topics. 3 Credit Hours.**PUBP 4811. Special Topics. 1 Credit Hour.**

Topics of interest not covered in the regular course offerings.

PUBP 4812. Special Topics. 2 Credit Hours.

Topics of interest not covered in the regular course offerings.

PUBP 4813. Special Topics. 3 Credit Hours.

Topics of interest not covered in the regular course offerings.

PUBP 4814. Special Topics. 4 Credit Hours.

Topics of interest not covered in the regular course offerings.

PUBP 4815. Special Topics. 5 Credit Hours.

Topics of interest not covered in the regular course offerings.

PUBP 4823. Special Topics. 3 Credit Hours.

Topics of interest not covered in the regular offerings.

PUBP 4833. Special Topics. 3 Credit Hours.

Topics of interest not covered in the regular offerings.

PUBP 4843. Special Topics. 3 Credit Hours.

Topics of interest not covered in the regular offerings.

PUBP 4901. Special Problems. 1-21 Credit Hours.**PUBP 4902. Special Problems. 1-21 Credit Hours.****PUBP 4903. Special Problems. 1-21 Credit Hours.****PUBP 4951. Georgia Internship Program. 3 Credit Hours.**

Work-study program assigning students to a project in state or local government. Students prepare research papers analyzing their work experiences relative to theory from the social science or policy studies.

PUBP 4952. Legislative Internship Program. 3 Credit Hours.

Students work fulltime for the Georgia General Assembly for elected officials or committees. Students prepare research papers analyzing their work experiences relative to theory from the social science or policy studies. Spring semester only.

PUBP 4XXX. Public Policy Elective. 1-21 Credit Hours.