

# PUBLIC ADMINISTRATION AND INTERNATIONAL AFFAIRS (PAI)

## PAI 500 Selected Topics (1-6 Credits)

*Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

## PAI 580 International Course (1-12 Credits)

*Maxwell*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript. Repeatable

## PAI 600 Selected Topics (1-6 Credits)

*Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

## PAI 601 Fundamentals of Conflict Studies (3 Credits)

*Maxwell*

Introduction to a broad range of areas related to the analysis and resolution of conflict, focusing on the interdisciplinary study of defining, understanding, and addressing conflict.

## PAI 624 Dictatorships, Human Rights, and Historical Memory in the Southern Cone (3 Credits)

*Maxwell*

Double-numbered with HST 424, IRP 424, LAS 424, PSC 424  
Offered only in Santiago. The time period (1940-present) and its significance and contributions to the configuration of social, political and economic aspects of Chile today. Relies on primary sources, comparisons within the Southern Cone, and a focus on US role and influence during this period.

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

## PAI 626 Cultures and Politics of Afghanistan and Pakistan (3 Credits)

*Maxwell*

Cross-listed with ANT 626, SAS 626

Double-numbered with ANT 426, SAS 426

Introduction to Afghanistan and Pakistan, recent histories, cultures, current politics. Covers geography, religious systems, gender roles, economic systems, foreign policy issues, refugees, migration. Additional work required of graduate students.

## PAI 632 International Public and Non-Government Organization Management (3 Credits)

*Maxwell*

How international and non-governmental organizations manage three key functions: regime creation, information mobilization, and norm enforcement. Organizations examined from management perspective in terms of functions, through specific case studies. Offered as a distance education course.

## PAI 633 Evaluation of International Programs and Projects (3 Credits)

*Maxwell*

Concepts and methods of program and project evaluation as practiced in international public and non-governmental organizations.

## PAI 641 Negotiating Resolution of International Conflict (3 Credits)

*Maxwell*

International and community conflict, characteristics, negotiation, collaborative problem solving, process advice. International conflict escalation, stalemate, de-escalation, settlement, resolution, or management.

## PAI 645 History of International Relations (3 Credits)

*Maxwell*

Cross-listed with HST 645

Provide professional masters-level students with a solid grounding in the history of international relations around a common theme of states and empires throughout various important time periods.

## PAI 646 Contemporary Mexico-US Relations (3 Credits)

*Maxwell*

Cross-listed with HST 646

Explores the inner-workings of the relationship between the United States and Mexico today by tracing the historical and contemporary shape of the two main pillars of this relationship, immigration and trade.

## PAI 655 Global Information Technology Policy (3 Credits)

*Maxwell*

Policy implications of the increasingly important interaction between information technology development and the governance process.

## PAI 658 Contemporary Issues in Turkey (3 Credits)

*Maxwell*

Double-numbered with PSC 458, IRP 458, SOC 458

Offered only in Istanbul. Key political and social issues in contemporary Turkey. Democratization; relationship between secularism, the role of the military and Islam in political life; foreign policy including Turkish-US relations; nationalism, minorities, gender, human rights. Additional work required of graduate students.

## PAI 665 Public Health Policy (3 Credits)

*Maxwell*

Cross-listed with PHP 665

Analysis of factors that influence health policy making and the development of health policies. Individual country policy responses to national health problems will be compared as well as multilateral policy approaches to global health challenges.

## PAI 668 Middle East in Anthropological Perspective (3 Credits)

*Maxwell*

Cross-listed with ANT 668, MES 668

Double-numbered with ANT 468, MES 468

Anthropology of the social, cultural, geographical, and political realities of the Middle East. Additional work required of graduate students.

## PAI 670 Experience Credit (1-6 Credits)

*Maxwell*

Cross-listed with PSC 670

Participation in a discipline- or subject-related experience. Students must be evaluated by written or oral reports or an examination. Limited to those in good academic standing.

Repeatable

**PAI 680 International Course (1-12 Credits)***Maxwell*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the SU academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable 2 times for 12 credits maximum

**PAI 683 Central Challenges in National Security Law & Policy (3 Credits)***Maxwell*

Provides students a realistic understanding of normative policy process using a combination of class presentations, guest speakers, case studies, and snapshot simulations. Additionally provides knowledge of tools and skills used in formulating policy and effectively influencing national security processes.

**PAI 684 International Relations of the Middle East (3 Credits)***Maxwell*

Cross-listed with PSC 684, MES 684

Analysis of some of the central issues of contemporary regional and international politics of the Middle East.

**PAI 685 Follow the Money: Key Issues in Illicit Finance (3 Credits)***Maxwell*

Double-numbered with PAI 485

This course examines how criminals evade the global framework of money laundering regulations and laws to exploit the financial industry. Students will discuss government policies that enable public and private stakeholders to identify, assess, and combat financial crime threats more effectively. Additional work for graduate students.

**PAI 690 Independent Study (1-6 Credits)***Maxwell*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

**PAI 700 Selected Topics (1-6 Credits)***Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

**PAI 701 Seminar on Multilateral Peacekeeping (3 Credits)***Maxwell*

Cross-listed with ANT 701

One-week intensive course in New York City between fall and spring semesters with follow-up sessions in Syracuse. Combination of peacekeeping theory, analysis, and practice of operations. Speakers from United Nations, nongovernmental organizations, and U.S. government.

**PAI 702 Development in Africa: Challenges, Constraints, and Strategies (3 Credits)***Maxwell*

Current development issues, constraints on development, and strategies aimed at achieving development in Africa. Offered in Washington, D.C.

**PAI 703 Current Issues in US-Latin American Relations (3 Credits)***Maxwell*

Real world policy issues currently affecting Latin America and the US. The one-week seminar in Washington, DC will include presentations and panel discussions by practitioners in the field.

**PAI 704 Quantitative Skills in International Relations (3 Credits)***Maxwell*

The diverse sources and methods used to collect data upon which decisions are made. Course aimed to help train IR professionals in tools needed to better develop and implement programs and policies.

**PAI 705 Research Design for IR Practitioners (3 Credits)***Maxwell*

An overview of how social science research is conducted and how it can be used in policy-making in international affairs.

**PAI 706 International Relations Capstone (1 Credit)***Maxwell*

Students apply the knowledge and skills garnered during their education to a two-day immersive crisis scenario experience. The capstone advances analytical, problem solving, team and communication skills within a realist negotiation exercise.

**PAI 707 Culture in World Affairs (3 Credits)***Maxwell*

Cross-listed with ANT 707, MES 707

A systematic survey of the ways in which local, organizational, and transnational issues in world affairs are affected by culture.

**PAI 708 Issues for 21st Century Public Diplomacy (3 Credits)***Maxwell*

Exploration of the state of public diplomacy: its place in U.S. statecraft, the evolving roles and relations of U.S. Government departments and agencies with regard to publics here and abroad.

**PAI 709 Research Consultancy in Public Diplomacy (3 Credits)***Maxwell*

Structured, supervised research projects by student teams that involve extensive interviews, data analysis, findings and recommendations to help sponsoring organizations deal with communication problem or opportunity.

**PAI 710 International Actors and Issues (3 Credits)***Maxwell*

Introduction to critical actors and issues in the international arena, including how social science theories help explain developments and inform policy choices.

**PAI 711 Practicum in International Organizations (6 Credits)***Maxwell*

Provides a practical and theoretical overview of international organizations and their role in international affairs. Seminar participants combine working in a Geneva-based international organization with a series of lectures, readings, and writing assignments. Offered in Geneva only.

**PAI 712 Public Organizations and Management (3 Credits)***Maxwell*

Behavioral systems and management theories and practices in the modern organization. Practical exploration of functions and dysfunctions of various public organizations (governmental and nonprofit) in relation to personal, social, and cultural values.

**PAI 713 Governance and Global Civil Society (3 Credits)***Maxwell*

Cross-listed with PSC 703

Survey of perspectives and literatures on global civil society organizations and transnational NGOs. Begins the process of integrating these literatures through critical analysis.

**PAI 714 Transatlantic Security Issues (3 Credits)***Maxwell*

The Transatlantic relations, formally embodied in the North Atlantic Treaty Organization (NATO), has been a cornerstone of international security since 1949. This seminar covers the history of this relationship, as well as the most pressing issues confronting transatlantic security today.

**PAI 715 Topics in Global Development (1-3 Credits)***Maxwell*

Seminars by leading practitioners in the field at Syracuse University Greenberg House in Washington, D.C. The institutions and issues involved in the development process. Professional skills needed for career opportunities.

Repeatable

**PAI 716 Economic Dimensions of Global Power (3 Credits)***Maxwell*

Explores the ways in which growing economic interdependence shifts in the locus of global wealth; and ongoing technological change affect the ability of state and non-state actors to exert influence.

**PAI 717 International Security (3 Credits)***Maxwell*

Theoretical approaches to study of international security; central issues shaping current debates. Investigates causes of war, strategies for avoiding conflict, impact of new technologies, actors, and ideas on calculations about the use of force.

**PAI 718 United States National Security: Defense and Foreign Policy (3 Credits)***Maxwell*

Cross-listed with PSC 706

Current problems in planning and administering national security policy in the United States.

**PAI 719 Fundamentals of Post-Conflict Reconstruction (3 Credits)***Maxwell*

Cross-listed with PSC 719

The goal of this class is to provide students with a broad overview of the field of post-conflict reconstruction (PCR) from both a theoretical and applied point of view. Over the course of the semester we will consider the various goals of PCR work, the range of actors that conduct it and the lessons learned from its application across various settings.

**PAI 720 Economic Principles for International Affairs (3 Credits)***Maxwell*

Broad-based background in both micro- and macro-economics for students interested in international careers.

**PAI 721 Introduction to Statistics (3 Credits)***Maxwell*

Descriptive statistics (measure of central tendency, variation, bivariate association). Basic inferential statistics (point and interval estimation, hypothesis testing).

**PAI 722 Quantitative Analysis (3 Credits)***Maxwell*

Development of quantitative tools for evaluating policies and programs. Expansion from bivariate to multivariate regression, including linear and nonlinear models, with techniques for assessing inequalities across subgroups and accounting for unobserved confounding factors.

Advisory recommendation Prereq: PAI 721

**PAI 723 Economics for Public Decisions (3 Credits)***Maxwell*

Application of basic economic reasoning to help untangle complex problems in public policy and public management. Microeconomic analysis of producers, consumers, and government. Designed for those with limited background in economics.

**PAI 724 Data Driven Decision Making (3 Credits)***Maxwell*

Introduces students to using data for decision-making in the public sector. Equips students with the skills to navigate data-driven solutions for public issues by covering foundational concepts and basic data analysis skills.

**PAI 725 Global Europe Seminar (3 Credits)***Maxwell*

Economic, social, and political issues on an integrated Europe. Guest speakers from local research institutes, student presentations, and discussions with scholars and practitioners on the challenges of European integration. Offered in Europe, exact location varies.

**PAI 726 Global Energy, Economics and Geopolitics (3 Credits)***Maxwell*

International energy issues and their interactions with development concerns, human rights, environment, geopolitics, and regional rivalries, among other topics. Held in DC with site visits and guest speakers.

**PAI 727 Responding to Proliferation: Nuclear Weapons Policy and Non-Proliferation Strategies (3 Credits)***Maxwell*

Examination of nuclear weapons policies and great power competition, the dangers caused by nuclear weapons proliferation, and strategies to address this threat.

**PAI 728 National Planning and Capacity to Govern (3 Credits)***Maxwell*

Current problems of long-run policy making and execution. Social and political preconditions and consequences of economic, defense, development, or social planning. Problems of intergenerational fairness, forecasting, freedom, administration, and public private sector relationships.

**PAI 729 Criminal State: Understanding North Korea's Evolving Illicit Activities (3 Credits)***Maxwell*

Double-numbered with PAI 429

This course explores how North Korea has evolved into a "mafia state," engaging in illicit activities to circumvent international sanctions to fund its national security priorities. Students will learn about the challenges faced by international governments to stop Pyongyang from raising funds to fund its ballistic and nuclear programs. Additional work required of graduate students.

**PAI 730 Problems in Public Administration (1-3 Credits)***Maxwell*

May include specific courses focusing on international economic development; nonprofit and international non-governmental organization management; federal policy formulation; technology and governance issues; e-government; GIS mapping, and dispute resolution management.

Repeatable

**PAI 731 Financial Management in State and Local Governments (3 Credits)***Maxwell*

Budgeting and accounting fundamentals for state and local government. Managerial accounting: short and long-term financial decision-making, managing resources, controlling the financial plan. Financial accounting: financial statements, accounting principles, analyzing government financial condition.

Advisory recommendation Prereq: PAI 734 or ECN 635

**PAI 732 Collaborative and Participatory Governance (3 Credits)***Maxwell*

Provides foundation in collaborative and participatory governance to equip students to produce and consume related processes, tools, and approaches.

**PAI 733 Public Personnel and Collective Bargaining (3 Credits)***Maxwell*

Survey of public personnel administration. Current practice, issues and problems in personnel management. Policies and programs affecting the sociopolitical and human resources dimensions of public organizations.

**PAI 734 Public Budgeting (3 Credits)***Maxwell*

Survey course on the role of the modern budget in determination of policy, management of agencies, and control of government operations. Impacts of public budgets and taxes on economic efficiency and equity examined. Topics include the public budgeting process, personnel budgeting, cost analysis, and tax evaluation.

**PAI 735 State-Local Public Finance and Fiscal Policy (3 Credits)***Maxwell*

Cross-listed with ECN 635

Key aspects in finance and fiscal policy, state-local roles in a modern economy on the expenditure and revenue side of decisions in an urban setting. Course emphasizes understanding of the mechanisms of fiscal and economic policy and the skills for the analysis and design of policies. Advisory recommendation Prereq: PAI 723

**PAI 736 Health Economics & Policy (3 Credits)***Maxwell*

Framework for considering the complex healthcare market and the role of public policy in it. Exploration of established healthcare structures, functioning of healthcare markets, and health policy implementation areas.

Advisory recommendation Prereq: PAI 723 or PAI 897 or ECN 601

**PAI 737 Rising Asia: Challenges and Opportunities for U.S. Policy (3 Credits)***Maxwell*

Examines the rise of Asia and its implications for U.S. foreign policy. Focuses on economic growth, geopolitical shifts, regional security issues, and diplomatic challenges. Analyzes U.S. strategic responses and policy options in the Asian context.

**PAI 738 US Intelligence Community: Governance & Practice (3 Credits)***Maxwell*

Key phases and specific events of the US Intelligence Community will be explored, along with governance and oversight. Students will study the functional elements of intelligence tradecraft and engagement with international counterparts.

**PAI 739 US Defense Strategy, Resources, & Military Operations (3 Credits)***Maxwell*

Governance and execution of National strategy by the Department of Defense, the Joint Staff and Combatant Commanders; national command and control of military forces; case studies of joint and combined operations overseas.

**PAI 740 Tax Politics & Policy (3 Credits)***Maxwell*

Course examines elements of existing tax policy, history and structure of the tax system, and major policy issues that will drive current and future debate.

**PAI 741 Social Media in the Public and Non-Profit Sector (3 Credits)***Maxwell*

Overview of current practices for managing Information assets produced by government and its stakeholders using social media applications. Interactive information structure analyzed through management, technology and organizational components.

**PAI 742 Public Administration and Law (3 Credits)***Maxwell*

The course begins with an overview of U.S. constitutional law to provide a foundation for understanding administrative law tenets and challenges. Then a series of cases studies demonstrate how administrative law processes set the course for public administration.

**PAI 743 Ethics of Emerging Technology (3 Credits)***Maxwell*

Topics in moral and political philosophy arising from emerging technologies such as self-driving cars, algorithmic decisions in governance and surveillance technologies.

**PAI 744 Metropolitan Government and Politics (3 Credits)***Maxwell*

Current problems of urban management: centralized versus decentralized metropolitan government; fiscal strain; delivery of municipal services; collective bargaining; governmental accountability.

**PAI 745 Intergovernmental Relations (3 Credits)***Maxwell*

Forces, theories, and institutions that have shaped and are shaping the centralization and localization of foci of governmental power, especially the American system.

**PAI 746 Ethics and Morality in Public Affairs (3 Credits)***Maxwell*

Helps the student understand the nature of his or her own ethical and moral commitments as they relate to public affairs. Selected literature in philosophy, sociology, political science, law, and public administration.

**PAI 747 Human Resources Management for the Public Sector (3 Credits)***Maxwell*

Theory, research, and practices for effective human resources management in public and nonprofit agencies. Political and institutional context of public sector human resources management, evolution of U.S. civil service system, critical issues confronting public managers.

**PAI 748 Seminar on Nonprofit Management (3 Credits)***Maxwell*

Attributes of the nonprofit sector as compared with government and business; public policy relationships that intertwine these sectors, highlight distinctive skills and talents needed for effective leaders in the nonprofit sector.

**PAI 749 Financial Management in Nonprofit Organizations (3 Credits)***Maxwell*

Fundamental concepts of accounting and financial management and issues relevant to charitable, tax-exempt nonprofit organizations; how financial information and analysis are used in management and policy-making in the public sector.

Advisory recommendation Prereq: PAI 734

**PAI 750 Managing Interpersonal, Group and Systemic Conflict (3 Credits)***Maxwell*

Introduces concepts, skills, and processes used by collaborative managers to achieve results. Students learn skills and processes needed to manage conflict or lead collaboration at the individual, group, and organizational and system levels.

**PAI 751 JD/MPA Seminar (3 Credits)***Maxwell*

The course begins with an overview of U.S. constitutional law to provide a foundation for understanding administrative law tenets and challenges. Then, a series of cases studies demonstrate how administrative law processes set the course for public administration.

**PAI 752 MPA Workshop (3 Credits)***Maxwell*

Consulting assignment that addresses current topics in public management. Objective of team project is application of MPA subject matter and techniques. Prereq: Completion of majority of MPA coursework.

**PAI 753 Leadership and Public Policy (3 Credits)***Maxwell*

Simulation exercise involving current public policy issues. Focus on politics of formulating and setting policy. Satisfies the University's comprehensive requirement for a master's degree.

**PAI 755 Public Administration and Democracy (3 Credits)***Maxwell*

The public sector & its people and organizations & in the context of democracies. From foundational questions to managerial principles, this course offers theories, discussions, and case studies to examine public policy and administration as a practice and a profession.

**PAI 756 International Development Policy and Administration (3 Credits)***Maxwell*

The course provides an overview of the key concepts, actors and institutions, as well as policy context and goals in the field of international development cooperation/foreign aid.

**PAI 757 Economics of Development (3 Credits)***Maxwell*

Cross-listed with ECN 661

Economic development in international settings. Labor and employment, population, education, health and nutrition. Why some countries have rapid economic development, and others low growth and pervasive poverty.

Advisory recommendation Prereq: PAI 723 or ECN 601

**PAI 758 Public Finance in Developing Areas (3 Credits)***Maxwell*

Cross-listed with ECN 662

Public finance in less-developed countries. Urban taxation and provision of public services. Considering efficiency and equity issues.

Advisory recommendation Prereq: PAI 723

**PAI 759 Girls' Education in the Developing World (3 Credits)***Maxwell*

Explores the benefits of girls' education; obstacles to higher numbers of girls in school; current situation in various developing countries.

**PAI 760 Public Policy Process (3 Credits)***Maxwell*

Course provides an introduction to the policy process, focusing on new directions in policy process scholarship and evidence-based insights for practitioners.

**PAI 762 Challenges of International Management and Leadership (3 Credits)***Maxwell*

Preparation for careers leading and managing organizations in a global environment. Students will think strategically about organizations and gain skills and competencies that effective leaders of all types of organizations need.

**PAI 763 NGO Management in Developing and Transitioning Countries (3 Credits)***Maxwell*

Examines concerns central to NGO management and the NGO community regarding accountability, effectiveness, professionalism, and understanding the context in which NGO's operate.

**PAI 764 UN Organizations: Structure and Function (3 Credits)***Maxwell*

Highlights UN operations, including the influence of member states on the organization and the exertion of UN influence in the world through the establishment of norms and efforts at normative implementation.

**PAI 765 Humanitarian Action: Challenges, Responses, Results (3 Credits)***Maxwell*

Major humanitarian challenges worldwide since 1992. Disasters caused by nature and man: conflicts and major economic stress. Challenges for women, children, refugees, displaced people. Involvement of government, UN agencies, NGO's, militaries, donors, press, and others.

**PAI 766 Federal Budget Policy (3 Credits)***Maxwell*

Course provides an overview of the federal budget process, major elements of federal spending, drivers of deficits and debt, impact on the economy, and options for reform.

**PAI 767 Fund Development for Nonprofit Organizations (3 Credits)***Maxwell*

Theory and practice of fund development for nonprofit organizations. Students develop portfolio of fund development for real nonprofit organization.

**PAI 768 Law, Courts and Human Rights (3 Credits)***Maxwell*

Cross-listed with PSC 768

This course aims to introduce students to comparative judicial politics and human rights, and familiarize them with relevant theories and methodologies for conducting research on comparative legal systems, human rights and judicial institutions.

**PAI 769 Public Sector Reform (3 Credits)***Maxwell*

Profound changes in structure of public sector which have occurred in many countries over the last two decades. How structure has changed, consider why changes took place, and make judgments about the desirability of these changes.

**PAI 770 Climate Change: Law, Science, Perception, and Policy (3 Credits)***Maxwell*

An interdisciplinary exploration of the challenges posed by climate disruption and how to face this most pressing of issues.

**PAI 771 Public Management of Technology Development (3 Credits)***Maxwell*

Public management of technology from a variety of perspectives: private sector roles as developer and technology provider contrasted with public sector roles as regulator, user of new technology, and promoter, by advancing policy, supporting scientific and technical research and engaging in collaborative management and decision making.

**PAI 772 Science, Technology, and Public Policy (3 Credits)***Maxwell*

Variety of concepts concerned with the interaction of science and technology and government.

**PAI 773 Technology and Its Processes (3 Credits)***Maxwell*

Descriptive survey of selected technologies and technological developments. Technical and scientific aspects rather than economic and political impact.

**PAI 774 Public Policy and Program Evaluation (3 Credits)***Maxwell*

How to use evidence to determine if policies and programs are achieving their intended outcomes and, if not, how to identify problems in implementation, fidelity, and program theory.

**PAI 775 Energy, Environment and Resources Policy (3 Credits)***Maxwell*

Relation of government to policymaking in the domain of energy, environment, and resources; politics of administration at all levels of government; comparative international aspects of these environmental issues.

**PAI 776 Economics of Science and Technology (3 Credits)***Maxwell*

Cross-listed with ECN 776

Interaction of technological change and policy. Introduction to the economic analysis of knowledge as a public good. Diffusion of knowledge and the role knowledge transfer plays in the industrialized world and in the economic growth of developing nations.

Advisory recommendation Prereq: PAI 723 or ECN 601

**PAI 777 Economics of Environmental Policy (3 Credits)***Maxwell*

Cross-listed with ECN 777

How economic incentives may lead to environmental problems and how policy can maintain or improve environmental quality. Methods for valuing the benefits of environmental amenities. Discussion of global environmental policy, including the effects of environmental policy on economic growth.

Advisory recommendation Prereq: PAI 723 or ECN 601

**PAI 778 Development Finance: Building Inclusive Financial Systems (3 Credits)***Maxwell*

Cross-listed with ECN 778

Focus on how to build the policy and institutional infrastructure for delivering financial services that serve the poor.

**PAI 779 Social Policy: Financing the Poor (3 Credits)***Maxwell*

Examines the role of informal finance and the design of financial interventions in the population to increase social policy program impact.

**PAI 781 Social Welfare Policy (3 Credits)***Maxwell*

An overview of U.S. social welfare policy, with some exposure to approaches in other countries, including income support, family, education, and health policy, with an emphasis on structural inequalities and the evidence-based policy solutions.

**PAI 782 Health Services Management (3 Credits)***Maxwell*

Roles and functions of managers in health services organization. Issues in accountability. Unique role involving work with various disciplines: medical, nursing, social work, insurance, finance, etc.

Advisory recommendation Prereq: PAI 783

**PAI 783 The Changing American Health Care System (3 Credits)***Maxwell*

Components of U.S. health care system. Evolution of health care organizations, personnel and their relationships. Environment of integrated delivery systems, managed care, and finance systems for health care; public policy implications of these changes in the public health and social services systems.

**PAI 784 Education Policy (3 Credits)***Maxwell*

Overview of education policies designed to reform American schools and school systems. Topics include market based reforms, enhanced accountability, teacher recruitment and compensations plans, and decentralization, among others.

**PAI 785 Policy Design and Implementation (3 Credits)***Maxwell*

Introduces policy design and implementation within the broader public policy process focusing on stages of the policy process and key related phenomenon, types and features of policy, and factors influencing implementation.

**PAI 786 Urban Policy (3 Credits)***Maxwell*

Recent evidence of urban problems; housing markets, neighborhood change and housing policy; discrimination, segregation, and racial transition; urban poverty and welfare programs; urban employment and economic development programs; urban education.

Advisory recommendation Prereq: PAI 723 or ECN 601

**PAI 787 Child and Family Policy (3 Credits)***Maxwell*

Applying microeconomic theory to the study of family. Focuses on the theoretical models developed to inform our understanding of theory, including marriage and divorce; fertility; employment; and human capital.

**PAI 788 Global Issues: Drugs, Crime and Terrorism (3 Credits)***Maxwell*

Transnational issues of drugs, crime, and terrorism; impacts of each on United States national interests and foreign policies of the United States and other countries and the national/international organizations and laws created to deal with these issues.

**PAI 789 Advanced Policy Analysis (3 Credits)***Maxwell*

Develops analytical and computational skills for policy analysis. Covers the economics of uncertainty and information, including implications for policy design, and develops professional grade skills for building and analyzing large, complex datasets in a clear, reliable, and reproducible way.

Advisory recommendation Prereq: PAI 721, 723

**PAI 790 Public Finance: An International Perspective (3 Credits)***Maxwell*

Course covers principles of public finance in international perspective, with cases and administrative practices in different parts of the world in different periods of history to shed light on the current world.

Advisory recommendation Prereq: PAI 723

**PAI 791 Education Financial Administration (3 Credits)***Maxwell*

Overview of the major concepts and tools involved in the financial administration of a school district. Topics include evaluation of revenue sources, budgeting, financial management, and government accounting.

Advisory recommendation Prereq: PAI 734

**PAI 792 Managing School District Non-Instructional Functions (3 Credits)***Maxwell*

Overview of concepts and tools used in the management of non-instructional functions of a school district. Topics include management of finances, payroll, facilities, procurement, risk, transportation, food service, and information technology.

**PAI 793 Predictive Analytics (3 Credits)***Maxwell*

This course introduces students to the field of predictive analytics with applications in the public policy field. Students will develop skills for training, testing, and validating predictive models for complex policy relationships.

Advisory recommendation Prereq: PAI 721 and 722

**PAI 794 Aging, Demography, and Public Policy (3 Credits)***Maxwell*

Course provides students with an understanding of basic demographic analysis, key features of demographic trends, and consider policy issues connected with population and individual aging.

**PAI 795 Smart Grid: Security, Privacy, and Economics (3 Credits)***Maxwell*

Course covers the engineering, economic, and legal principles underlying the next generation electrical grid. It builds skills needed to design and test the protocols, policies, and specifications to guarantee security and integrity of the grid, preserve privacy and provide market flexibility.

**PAI 796 Philosophy and Ethics of Data Science (3 Credits)***Maxwell*

Topics in moral philosophy, research ethics, ethics of machine learning, and philosophy of science relevant for ethical issues arising from the practice of data science.

**PAI 800 Selected Topics (1-6 Credits)***Maxwell*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable 6 times for 6 credits maximum

**PAI 801 Intellectual History of Public Administration (3 Credits)***Maxwell*

Understand and analyze the historic and contemporary intellectual and cultural trends that undergird theories and concepts in the academic study of public administration.

**PAI 802 Public Organization Theory and Research (3 Credits)***Maxwell*

Seminar will address the central questions of: organizations as units of analysis; public and private organizations; structure; relationships; decision making and leadership; and motivations and incentives.

**PAI 803 Quantitative Methods I: Research Methods for Public Administration (3 Credits)***Maxwell*

The objective of this course is to introduce students to the logic, design, and conduct of applied social research for students interested in public management and policy.

**PAI 804 Quantitative Methods II: Research Methods for Public Administration (3 Credits)***Maxwell*

The second course in the methods sequence for Public Administration Ph.D. students. The use of regression analysis for social science research, including OLS regression, heteroskedasticity, autocorrelation, fixed effects regression, and instrumental variables techniques.

Advisory recommendation Prereq: PAI 803

**PAI 805 Foundations of Policy Analysis and Management (3 Credits)***Maxwell*

Course exposes students to foundations of public policy analysis and management with three distinct focuses: consumer theory, critiques of rational decision making, and policy processes. Source material derived from microeconomics, political science, and public administration.

**PAI 810 Advanced Seminar: Policy and Administration (3 Credits)***Maxwell*

Special problems in the politics, substance, or methodology of policy making, or in the execution, administration, or evaluation of public policy. Repeatable

**PAI 811 Applied Econometrics for Policy Analysis (3 Credits)***Maxwell*

Develop knowledge of panel models. Expand toolbox with semi-parametric methods. Use applied research publications to investigate assumptions and methods in different contexts. Emphasis on the interpretation and implications of analysis.

Advisory recommendation Prereq: PAI 803 and 804

**PAI 812 Public Finance - Theory and Analysis (3 Credits)***Maxwell*

For doctoral students in Public Administration. Covers production functions, cost functions, efficiency, local response to transfers, household choice of community, impact of local services on housing values as well as state-local revenues, economic development, and debt/bonds.

**PAI 890 Independent Study (1-6 Credits)***Maxwell*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department. Repeatable

**PAI 895 Managerial Leadership (1-3 Credits)**

*Maxwell*

Designed for managerial leaders in the public sector and focuses on the changing environment of management at all levels of the organizational hierarchy, the latest thinking in leadership, and concrete ideas to enhance students' managerial abilities. Students will apply the theory to managerial situations and reflect on how they can continue to develop new leadership skills.

Repeatable 2 times for 6 credits maximum

**PAI 896 Mid-career Training Group (3 Credits)**

*Maxwell*

Core seminars for mid-career administrators who have had some years of experience in government or public service institutions to prepare them for responsible management posts.

**PAI 897 Fundamentals of Policy Analysis (3 Credits)**

*Maxwell*

An introduction to microeconomic models and their use in the public sector. Applies economic reasoning to evaluate policy options when there are multiple goals and multiple policy alternatives.

**PAI 930 Readings and Research on Public Administration and Policy (1-3 Credits)**

*Maxwell*

Cross-listed with PSC 911

Repeatable 3 times for 9 credits maximum

**PAI 990 Independent Study (1-6 Credits)**

*Maxwell*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

**PAI 996 Master's Project Course (3 Credits)**

*Maxwell*

Students will apply concepts and skills from the EMPA curriculum to a real-world policy or organizational issue. They will design a data driven research project to study the issue and effectively communicate the results of the project to both academic and professional colleagues upon its completion. This is the capstone course required for Executive Master of Public Administration (EMPA) degree (mid-career students only).

Repeatable

**PAI 999 Dissertation (1-15 Credits)**

*Maxwell*

Repeatable