

POLICY AND GOVERNMENT (POGO)

500 Level Courses

POGO 511: *Introductory Data Analysis for Policy and Government.* 3 credits. Introduces fundamental statistical analysis for analyzing policy, government and other social science data. Focuses on problem definition, problem solving, and how to communicate results to general audience under conditions of uncertainty in public sector. Provides the core foundation for advanced graduate work in data analytics using contemporary statistical software packages. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Required Prerequisite: minimum score of 1 in 'Statistical Screening Exam'.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 550: *Topics in Policy and Government.* 1-3 credits.

Focuses on selected topics in policy and government not covered in fixed-content Schar school courses. Offered by Schar Public Policy/Admin. May be repeated within the term.

Specialized Designation: Topic Varies

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lec/Sem #1, Lec/Sem #2, Lec/Sem #3, Lec/Sem #4, Lec/Sem #5, Lec/Sem #6, Lec/Sem #7, Lec/Sem #8, Lec/Sem #9, Lecture, Sem/Lec #10, Sem/Lec #11, Sem/Lec #12, Sem/Lec #13, Sem/Lec #14, Sem/Lec #15, Sem/Lec #16, Sem/Lec #17, Sem/Lec #18

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 580: *Topics: Advanced Skills for Policy Professionals.* 1-3 credits.

Practical seminar focusing on development of advanced qualitative and quantitative skills for the professional policy world. Offered by Schar Public Policy/Admin. May be repeated within the term for a maximum 18 credits.

Specialized Designation: Topic Varies

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lec/Sem #1, Lec/Sem #2, Lec/Sem #3, Lec/Sem #4, Lec/Sem #5, Lec/Sem #6, Lec/Sem #7, Lec/Sem #8, Lec/Sem #9, Sem/Lec #10, Sem/Lec #11, Sem/Lec #12, Sem/Lec #13, Sem/Lec #14, Sem/Lec #15, Sem/Lec #16, Sem/Lec #17, Sem/Lec #18, Seminar

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

600 Level Courses

POGO 611: *Advanced Data Analysis for Policy and Government.* 3 credits. Introduces advanced statistical techniques to analyze policy, government and other social science data. Covers classical regression methods and their application to public policy analysis. Covers linear and non-linear regressions using cross sectional, time-series and panel data, and problems associated with applications including specification error, multicollinearity, qualitative variables, heteroskedasticity, serial correlation, and structural identification. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to GOVT 712, PUAD 612, PUBP 705.

Registration Restrictions:

Required Prerequisites: (POGO 511^{B-}, 511^{XS}, PUAD 511^{B-}, 511^{XS}, PUBP 511^{B-}, 511^{XS}, GOVT 511^{B-} or 511^{XS}).

^{B-} Requires minimum grade of B-.

^{XS} Requires minimum grade of XS.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 646: *Policy and Program Evaluation.* 3 credits.

Practical exploration of assessment techniques used in studying results of public programs and policies, including evaluation of implementation strategies and impacts. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to PUAD 646, PUBP 713.

Registration Restrictions:

Required Prerequisites: (POGO 511^C, 511^{XS}, PUAD 511^C, 511^{XS}, PUBP 511^C, 511^{XS}, GOVT 511^C, 511^{XS}, HAP 602^C, 602^{XS}, 719^C or 719^{XS}).

^C Requires minimum grade of C.

^{XS} Requires minimum grade of XS.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

700 Level Courses

POGO 729: *International Development Practices*. 3 credits.

Provides a rigorous interdisciplinary introduction to the theory, practices, and history of international development projects. Covers the interplay between economic development theory and the design of international development projects. Provides immersion in skills such as development project implementation and evaluation techniques. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 730: *Global Development and Human Security*. 3 credits.

Interdisciplinary examination of economic and human development in world economy and the analytical frameworks for assessing important issues that arise in development process. Relates these issues to the broad concept of human security and considers policy responses to complex challenges, including in the areas of population, health, education, and rural development. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 732: *Strategic Trade Controls*. 3 credits.

Equips students with a holistic, contextual, and global understanding of strategic trade, focusing on the use of trade controls to manage modern security threats. Explores supply chain security, trade control systems, and compliance through readings, case studies, and practical exercises. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 733: *Global Business and Policy*. 3 credits.

Focuses on the multinational firm (MNE) and examines the international activities of large companies as well as small and medium sized

enterprises. Assesses how firms strategize across national borders and address the challenges posed by different governance structures, political economies, institutions and cultures. Theoretical concepts are applied to 'real' business situations and case studies. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to ITRN 752.

Registration Restrictions:

Required Prerequisites: (ITRN 504^B, 504^{XS}, PUBP 720^B or 720^{XS}).

^B Requires minimum grade of B-

^{XS} Requires minimum grade of XS.

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 734: *Country Risk Analysis*. 3 credits.

Presents a wide variety of country risk analysis methods used by corporations, financial institutions, governments, international organizations, specialized consulting groups, and publications. These methods are used to design policies, programs, and projects in the international arena. The course explores natural, commercial, economics, political and financial risk. It also provides a conceptual foundation for understanding the sources of risk, the impacts of risk on public and private sector activities, and the ways that risk can be successfully mitigated or managed. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to ITRN 759.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 740: *Cyber Conflict and International Security*. 3 credits.

Addresses emerging international relations, policy, doctrine, strategy, and operational issues associated with Computer Network Attack (CNA), Computer Network Defense (CND), and Computer Network Exploitation (CNE)—collectively referred to as cyber warfare. It provides students with a comprehensive perspective and enhances their knowledge of cyber warfare conducted by both state and non-state actors. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 741: *Cyber Conflict and International Security*. 3 credits.

Addresses emerging international relations, policy, doctrine, strategy, and operational issues associated with Computer Network Attack (CNA), Computer Network Defense (CND), and Computer Network Exploitation (CNE)— collectively referred to as cyber warfare. Provides a comprehensive perspective to enhance knowledge of cyber warfare conducted by both state and non-state actors. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 742: *Intelligence and National Security*. 3 credits.

Provides an overview of the U.S. Intelligence Community, its mission, organizational structure and challenges. Various intelligence disciplines (e.g. signals intelligence, human intelligence, geospatial intelligence, et.al.) are described and evaluated and the intelligence process and cycle outlined. Particular emphasis is placed on assessing the value of intelligence to planners, policymakers, and military operators. Examines how intelligence judgments are arrived at and how they can effectively be communicated to decision-makers. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy, Graduate or Non-Degree.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 750: *Topics in Policy and Government*. 1-3 credits.

Focuses on selected topics in policy and government not covered in fixed-content Schar school courses. Offered by Schar Public Policy/Admin. May be repeated within the term.

Specialized Designation: Topic Varies

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Lec/Sem #1, Lec/Sem #2, Lec/Sem #3, Lec/Sem #4, Lec/Sem #5, Lec/Sem #6, Lec/Sem #7, Lec/Sem #8, Lec/Sem #9, Lecture, Sem/Lec #10, Sem/Lec #11, Sem/Lec #12, Sem/Lec #13, Sem/Lec #14, Sem/Lec #15, Sem/Lec #16, Sem/Lec #17, Sem/Lec #18, Sem/Lec #19, Sem/Lec #20, Sem/Lec #21, Sem/Lec #22, Sem/Lec #23, Sem/Lec #24, Sem/Lec #25, Sem/Lec #26, Sem/Lec #27, Sem/Lec #28, Sem/Lec #29, Sem/Lec #30, Sem/Lec #31, Sem/Lec #32, Sem/Lec #33, Sem/Lec #34,

Sem/Lec #35, Sem/Lec #36, Sem/Lec #37, Sem/Lec #38, Sem/Lec #39, Sem/Lec #40, Sem/Lec #41

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 793: *Big Data Analytics for Policy and Government*. 3 credits.

Big data provides an exciting resource for policy and government. However, while their use in this context brings opportunities, it also creates unique analytical and computational needs and challenges. This course provides a fundamental understanding of these issues, and the tools and techniques used for big data analysis. Methods covered in the course include network analysis, geo-spatial computation, unstructured content mining, and supervised and unsupervised machine learning. Offered by Schar Public Policy/Admin. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy or Graduate.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 794: *Internship*. 1-3 credits.

Provides practical work experience in state, federal, or international agencies, or the private or non-profit sector. Requires written project integrating work experience and academic program. Requires permission of program director. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to ITRN 780, PUBP 794.

Recommended Prerequisite: 12 graduate credits in the program or permission of program director.

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: Internship

Grading:

This course is graded on the Satisfactory/No Credit scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 796: *Directed Readings and Research*. 1-3 credits.

Independent reading and research at master's or doctoral level on specific topic related to policy or government as agreed to by student and faculty member. Offered by Schar Public Policy/Admin. May be repeated within the term for a maximum 12 credits. Equivalent to BIOD 996, ITRN 790, PUAD 796, PUBP 796.

Specialized Designation: Topic Varies

Registration Restrictions:

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

Schedule Type: IND/INT #1, IND/INT #2, IND/INT #3, IND/INT #4, IND/INT #5, IND/INT #6, IND/INT #7, IND/INT #8, IND/INT #9, IND/INT #10,

IND/INT #11, IND/INT #12, Independent Study, IND/INT #13, IND/INT #14, IND/INT #15, IND/INT #16, IND/INT #17, IND/INT #18, IND/INT #19

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

800 Level Courses

POGO 801: *Research Design for the Social Sciences and Public Policy*. 3 credits.

Grounds students in the principles of the scientific method as the framework for investigating questions in the social sciences and public policy. Provides broad overviews of quantitative or/and qualitative methodologies, with a major emphasis on research design, including conceptualization, the role of theory, hypothesis generation, inference and bias. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to PUBP 801.

Registration Restrictions:

Enrollment limited to students in a Doctor of Philosophy degree.

Enrollment limited to students in the Schar School of Policy and Gov college.

Schedule Type: Lecture

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 840: *Policy, Politics, and American Government Institutions*. 3 credits.

This course examines major institutions that create and implement policy in the United States of America. The course explores executive, legislative, and judicial institutions at the federal, state, and local levels. In addition, the course considers agenda-building institutions such as media, interest groups, political parties, and elections. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to PUAD 840, PUBP 840.

Registration Restrictions:

Enrollment limited to students in a Doctor of Philosophy degree.

Enrollment limited to students in the Schar School of Policy and Gov college.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 841: *U.S. Political Behavior and the Process of Policymaking*. 3 credits.

This course examines the interaction of mass political behavior and the policymaking process in the American political system. Topics include the antecedents to political behavior, including political attitudes and opinions, and the policy consequences of political behavior. Emphasizes how opinions and behaviors aggregate through the interest group system and the policy process. Content is meant to complement that from POGO 840. Offered by Schar Public Policy/Admin. May not be repeated for credit. Equivalent to PUBP 841.

Registration Restrictions:

Enrollment limited to students in a Doctor of Philosophy degree.

Enrollment limited to students in the Schar School of Policy and Gov college.

Schedule Type: Seminar

Grading:

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

POGO 850: *PhD Professional Development Seminar*. 1 credit.

Weekly colloquium series for Schar school doctoral students. Features a cross-section of speakers from academia, government, industry and non-profit sectors. Topics include all areas of current Schar faculty research and practice. Offered by Schar Public Policy/Admin. May be repeated within the term for a maximum 4 credits.

Specialized Designation: Topic Varies

Registration Restrictions:

Enrollment limited to students with a class of Advanced to Candidacy or Graduate.

Enrollment limited to students in a Doctor of Philosophy degree.

Enrollment limited to students in the Schar School of Policy and Gov college.

Schedule Type: Lec/Sem #1, Lec/Sem #2, Lec/Sem #3, Lec/Sem #4, Lec/Sem #5, Lec/Sem #6, Lec/Sem #7, Lec/Sem #8, Lec/Sem #9, Sem/Lec #10, Sem/Lec #11, Sem/Lec #12, Sem/Lec #13, Sem/Lec #14, Sem/Lec #15, Sem/Lec #16, Sem/Lec #17, Sem/Lec #18, Seminar

Grading:

This course is graded on the Satisfactory/No Credit scale. (<http://catalog.gmu.edu/policies/academic/grading/>)