

Political Science and Geography

Web Site: <http://www.odu.edu/pols-geog> (<http://www.odu.edu/pols-geog/>)

Jonathan Leib, Chair

The Department of Political Science and Geography offers undergraduate degrees in political science and geography.

In political science, the Department offers Bachelor of Arts and Bachelor of Science degrees. The political science program is designed to give students an essential core of basic knowledge and analytical skills, while providing an opportunity to specialize in one of two emphasis areas: American politics and public law, or international relations and comparative politics. Optionally, political science majors may concentrate in one of the following areas: 1) International Affairs and Global Politics or 2) Analytics, Institutions, and Public Policy.

In geography the Department offers Bachelor of Arts and Bachelor of Science degrees. The geography program is designed to give students a broad base of geographical training and an understanding of human-environment interrelationships, while providing an opportunity to specialize in one of three concentration areas: urban planning and emergency/hazards management, environment and resources, and geographical information systems (BS only). Undergraduate and graduate certificates in geographic information science and in spatial analysis of coastal environments are also offered.

In addition to developing subject-area expertise, political science and geography courses are designed to build analytic and communication skills. Writing and critical thinking skills are emphasized throughout the curriculum. Undergraduates in most 400-level courses in political science and geography are required to make oral presentations in class. Instructors also strengthen students' verbal competency skills through in-class discussions. Students gain technical skills in lower and upper-level methods classes where computers are employed for data analysis and social science research.

Undergraduate students may earn honors in the major in political science or geography by fulfilling all the requirements for the specific degree (BA and BS) and meeting the honors requirements indicated below. The requirements for honors do not increase the credit hours necessary for the major.

Bachelor of Science and Bachelor of Arts—Political Science Major

Joshua Zingher, Interim Chief Departmental Advisor

Four-Year Plan - Political Science - BA (<http://catalog.odu.edu/undergraduate/collegeofartsletters/politicalscienceandgeography/politicalscience-ba-fouryearplan/>)

- *The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.*

Four-Year Plan - Political Science - BS (<http://catalog.odu.edu/undergraduate/collegeofartsletters/politicalscienceandgeography/politicalscience-bs-fouryearplan/>)

- *The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their*

academic advisor. Additional information can also be found in Degree Works.

Lower-Division General Education

Written Communication *	6
Oral Communication	3
Mathematics **	3
Language and Culture ***	0-12
Information Literacy and Research ****	
Human Creativity	3
Interpreting the Past	3
Literature	3
Philosophy and Ethics	3
The Nature of Science	8
Impact of Technology	3
Human Behavior +	3
ECON 201S	Principles of Macroeconomics
Total Hours	38-50

- * Grade of C or better required in both courses and in ENGL 110C before declaring major.
- ** BS requires C- or better in STAT 130M. STAT 130M is also recommended for the BA degree though MATH 102M, MATH 103M or MATH 162M are also acceptable.
- *** BS students' competence must be at the 102 level. BA students must have competence through the 202 level. Competence is not met by the associate degree for BA students.
- **** Satisfied in the major with POLS 308.
- + ECON 201S is a departmental requirement and is not met by the associate degree.

Foundation courses (BA 15 hours, BS 18 hours)

POLS 100S	Introduction to International Politics	3
POLS 101S	Introduction to American Politics	3
POLS 102S	Introduction to Comparative Government and Politics	3
POLS 308	Research Design (C- or better) *	3
POLS 418	Quantitative Methods (BS only)	3
ECON 202S	Principles of Microeconomics	3
or GEOG 100S	Human Geography	

- * Meets information literacy and research requirement.

Political Science 300-400 level electives (BA 24 hours, BS 21 hours)

Both the BA and BS require that at least nine hours are at the 400 level. Both require a minimum of nine hours in each of two emphasis areas: American politics/public law and international relations/comparative politics. No more than three hours can be taken from POLS 367 and POLS 368 and no more than three hours can be taken from POLS 497. One elective must be writing intensive. All majors must complete and submit to the department a capstone paper in the junior or senior year.

POLS: 300-400 level electives	9
POLS: 300-400 level writing intensive (W) course *	3
POLS: 300-400 level elective (BA only)	3
POLS: 400-level electives	9

- * C or better required.

See course listings in this Catalog for elective choices.

Concentrations in International Affairs and Global Politics and Analytics, Institutions, and Public Policy

As an option to the traditional political science curriculum, students may concentrate in one of the following areas: 1) International Affairs and Global Politics or 2) Analytics, Institutions, and Public Policy. The requirements for each of these are outlined below. All other requirements are unchanged from the traditional BA and BS programs in political science.

Concentration in International Affairs and Global Politics

Students must take a minimum of five courses (BS) or six courses (BA) from the following list.

International Relations and Foreign Policy (at least 1):

POLS 313	United Nations Seminar
POLS 320	United Nations
POLS 321W	International Organizations
POLS 323	International Political Economy
POLS 324	International Relations Theory
POLS 326W	American Foreign Policy
POLS 327W	Politics of National Security
POLS 332W	Europe in World Affairs
POLS 421	International Law
POLS 424	International Organization
POLS 437	International Relations in East Asia
POLS 439	International Relations of African States
POLS 470	African Americans and Foreign Affairs

Comparative Politics (at least 1):

POLS 314	European Politics
POLS 316	Politics of Africa
POLS 328	Russian Politics
POLS 336	South Asia Since Independence
POLS 337	Latin American Politics
POLS 338W	Politics of East Asia
POLS 435	Chinese Politics
POLS 436	Japanese Politics
POLS 442	Twentieth Century Dictatorships
POLS 461	Seminar in European Politics
POLS 466	Politics of the Middle East

Global Public Policy (at least 1):

POLS 325W	World Politics
POLS 350T	Technology and War
POLS 401	Global Environmental Policy
POLS 425W	Cybersecurity Strategy and Policy
POLS 445	Globalization: Dynamics and Implications
POLS 455	The Politics of Climate Change
POLS 458T	Weapons of Mass Destruction in Global Security
POLS 480W	Senior Seminar in International Studies

Concentration in Analytics, Institutions, and Public Policy (BS only)

Students must take a minimum of five courses from the following lists.

Political Institutions (at least 1):

POLS 306	Judicial Process and Behavior
POLS 311	Virginia Politics and Government
POLS 331	State and Local Government

POLS 400 Congress

POLS 407 American Presidency

Public Policy (at least 1):

POLS 300 Introduction to Public Policy

POLS 309 Race, Culture and Public Policy

POLS 326W American Foreign Policy

POLS 327W Politics of National Security

POLS 335 Environmental Politics

POLS 410 African American Politics

POLS 414 Politics of Education

POLS 425W Cybersecurity Strategy and Policy

Political Behavior (at least 1):

POLS 319 Lobbies and Interest Groups

POLS 333 Media and Politics

POLS 334 Electoral Politics

POLS 434 Political Participation in the United States

Students can apply POLS 481 American Politics Seminar, or POLS 368 Internship, or an additional advanced analytics class toward the total number of concentration classes.

Electives

Elective courses may be taken for the remainder of the minimum 120 credits required for the degree.

Upper-Division General Education

- Option A. Approved Minor, 12-24 hours; also second degree or second major.
- Option B. Interdisciplinary Minor, 12 hours specified by the department, 3 of which may be in the major area of study.
- Option C. An approved certification program such as teaching licensure.
- Option D. Two Upper-Division Courses from outside the College of Arts and Letters or from the Arts and Humanities Component within the College of Arts and Letters that are not required by the major (6 hours).

Requirements for Graduation

Graduation requirements include a minimum cumulative grade point average of 2.00 overall and in the major, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours of upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or ENGL 221C or ENGL 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

Double Majoring in Philosophy and Political Science

The departments of Political Science and Geography and Philosophy and Religious Studies have established an arrangement that makes it possible to complete a double major in as few as 57 hours, little more than the 48 hours needed for a major in one and minor in the other. Political Science majors double-majoring in Philosophy (on the Political-Legal Studies concentration) will be allowed to count any two of the following Philosophy courses as Political Science electives:

PHIL 365	Race & Power	3
PHIL 410	Social and Political Philosophy	3
PHIL 411	Post-Modernism and Post-Structuralism	3
PHIL 412	Philosophy of Law	3
PHIL 430	Marx and Hegel	3

These courses will not count toward the requirement to take a specific number of hours in the American politics/public law and international relations/comparative politics emphasis areas. Philosophy "topics" courses and PHIL 442E may also be counted as Political Science electives when the topic covered is appropriate; prior approval is required from the chief

departmental advisor of Political Science and Geography. Philosophy will also count certain Political Science courses towards its major for double majors; see the Philosophy section of this Catalog for details.

Bachelor of Arts and Bachelor of Science— Geography Major

Michael Allen, Chief Departmental Advisor

Four-Year Plan - Geography -BA (<http://catalog.odu.edu/undergraduate/collegeofartsletters/politicalscienceandgeography/geography-ba-fouryearplan/>)

- *The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.*

Four-year Plan - Geography - BS (<http://catalog.odu.edu/undergraduate/collegeofartsletters/politicalscienceandgeography/geography-bs-fouryearplan/>)

- *The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.*

Lower-Division General Education

Written Communication *	6
Oral Communication	3
Mathematics **	3
Language and Culture ***	0-12
Information Literacy and Research ****	
Human Creativity	3
Interpreting the Past	3
Literature	3
Philosophy and Ethics	3
The Nature of Science *****	8
Impact of Technology +	0-3
Human Behavior ++	3
Total Hours	35-50

- * Grade of C or better required in both courses and in ENGL 110C before declaring major.
- ** BS students must earn C- or better in STAT 130M.
- *** BS students' competence must be at the 102 level. BA students must have competence through the 202 level. Competence is not met by the associate degree for BA students.
- **** Satisfied in the major with GEOG 308.
- ***** OEAS 106N, OEAS 108N, OEAS 111N, or OEAS 112N is recommended for one of the two nature of science courses.
- + Can be met with GEOG 306T.
- ++ GEOG 100S and GEOG 101S cannot be used to satisfy this requirement.

Major Requirements

Required Courses	12-18
GEOG 100S Human Geography	
3 Political Science and Geography	

GEOG 101S	Environmental Geography
GEOG 300	Maps and Geographic Information
GEOG 308	Research Design *
GEOG 418	Quantitative Methods **
Select one of the following: ***	
GEOG 400W	Seminar in Geography
or	
GEOG 422W	Coastal Geography
or	
GEOG 454W	Latin America
or	
GEOG 480W	Senior Seminar in International Studies

- * C- or better. Meets information literacy and research requirement.
- ** BS only. GEOG 402 and GEOG 404 may be substituted for GEOG 418.
- *** C or better required.

Geography 300-400 level electives (BA 21 hours, BS, 18 hours)

At least nine credit hours must be taken at the 400 level. Those wishing to pursue a physical geography concentration may substitute the following ocean, earth and atmospheric science courses for up to 12 hours of Geography credit:

OEAS 306	Oceanography	3
OEAS 310	Global Earth Systems	4
OEAS 344W	Geomorphology	3
OEAS 412	Global Environmental Change	3

Three hours of internship count toward the 36 hours of geography courses. All majors must complete a capstone paper in the junior or senior year.

General Program

GEOG: 300-400 level electives (BA only)	12
GEOG: 300-400 level electives (BS only)	9
GEOG 400-level electives	9

Urban Concentration

GEOG 310	Geography of the City	3
GEOG 410	Seminar in Urban Geography	3

Select two of the following: 6

GEOG 306T	Hazards: Natural and Technological
GEOG 321	World Economic Geography
GEOG 368	Internship in Geography
GEOG 402	Geographic Information Systems
GEOG 411	Urban and Regional Planning
GEOG 412	Cities of the World

Total Hours 12

Environment and Resources Concentration

GEOG 305	World Resources	3
GEOG 405	Seminar in International Resource Management	3

Select two of the following: 6

GEOG 306T	Hazards: Natural and Technological
GEOG 321	World Economic Geography
GEOG 368	Internship in Geography
GEOG 420	Marine Geography
GEOG 422W	Coastal Geography

GEOG 451	Europe
GEOG 452	Africa
GEOG 453	Asia
GEOG 454W	Latin America
GEOG 455	The Middle East
Approved Study Abroad options	

Total Hours 12

Geographic Information Systems Concentration (BS only)

GEOG 402	Geographic Information Systems	3
GEOG 404	Digital Techniques for Remote Sensing	3
Select two of the following:		6
GEOG 419	Spatial Analysis of Coastal Environments	
GEOG 432	Advanced GIS	
GEOG 490	Applied Cartography/GIS	

Total Hours 12

Electives: Elective courses may be taken for the remainder of the minimum 120 credits required for the degree.

Upper-Division General Education

- Option A. Approved Minor, 12-24 hours; also second degree or second major.
- Option B. Interdisciplinary Minor, 12 hours specified by the department, 3 of which may be in the major area of study.
- Option C. An approved certification program such as teaching licensure.
- Option D. Two Upper-Division Courses from outside the College of Arts and Letters or from the Arts and Humanities Component within the College of Arts and Letters that are not required by the major (6 hours).

Requirements for Graduation

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours of upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or ENGL 221C or ENGL 231C, and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

Bachelor of Arts and Bachelor of Science with Honors—Political Science Major

The requirements are as follows:

1. Attain an overall grade point average of 3.25.
2. Attain a grade point average in the major of 3.50.
3. Earn honors in nine hours of courses in the major at the 300/400 level, excluding internship and independent study courses, with no more than six hours taken from the same instructor.

Bachelor of Arts and Bachelor of Science with Honors—Geography Major

The requirements are as follows:

1. Attain an overall grade point average of 3.25.
2. Attain a grade point average in the major of 3.50.
3. Earn honors in nine hours of courses in the major at the 300/400 level, excluding internship and independent study courses, with no more than six hours taken from the same instructor.

Linked BA/BS in Geography and MA in Humanities

The linked BA/BS program in geography and the MA in humanities makes it possible for exceptional students to count up to 12 hours of graduate courses toward both an undergraduate and graduate degree. Students must earn a minimum of 150 credit hours (120 discrete credit hours for the undergraduate degree and 30 discrete credit hours for the graduate degree). Please refer to the Humanities section of this Catalog for additional information on the linked program.

Minors in Political Science

The Department offers three minors in political science: 1) a general minor, 2) a minor in political geography, and (3) a minor with a specialization in public law. Each requires a specified introductory course as a prerequisite and 12 hours of 300/400-level courses. For completion of a minor, a student must have a minimum overall cumulative grade point average of 2.00 in all courses specified as a requirement for the minor exclusive of lower-level courses and prerequisite courses and complete a minimum of six hours in upper-level courses in the minor requirement through courses offered by Old Dominion University. The requirements for each of these minors are listed below.

1. Political Science. POLS 100S, POLS 101S or POLS 102S is a prerequisite for the minor and is not included in the calculation of the grade point average for the minor. The minor requires 12 hours of 300/400-level political science electives. No more than a total of three credit hours will be counted toward the minor from POLS 367, POLS 368 and POLS 497.

2. Political Geography. POLS 100S, POLS 101S or POLS 102S is a prerequisite for the minor and is not included in the calculation of the grade point average for the minor. The minor has one required course and nine credit hours of 300/400-level political science and geography electives. The requirements are as follows.

GEOG 320	Political Geography	3
Select two political science courses from the following:		6

POLS 314	European Politics	
POLS 316	Politics of Africa	
POLS 323	International Political Economy	
POLS 324	International Relations Theory	
POLS 336	South Asia Since Independence	
POLS 350T	Technology and War	
POLS 401	Global Environmental Policy	
POLS 421	International Law	
POLS 455	The Politics of Climate Change	
POLS 466	Politics of the Middle East	

Select one geography course from the following: 3

GEOG 300	Maps and Geographic Information	
GEOG 306T	Hazards: Natural and Technological	
GEOG 321	World Economic Geography	
GEOG 412	Cities of the World	
GEOG 420	Marine Geography	
GEOG 422W	Coastal Geography	

Total Hours 12

3. Public Law. POLS 101S is a prerequisite for the minor and is not included in the calculation of the grade point average for the minor. The minor requires 12 hours from the following:

Select four of the following: 12

POLS 301W	Introduction to Public Law	
POLS 306	Judicial Process and Behavior	
POLS 307	Constitutional Criminal Procedure	
POLS 403	First Amendment Freedoms	

POLS 408	American Constitutional Law: Individual Rights
POLS 409	American Constitutional Law: Powers of Government
POLS 419	Jurisprudence
POLS 421	International Law
Public law topics courses such as:	
POLS 495/496	Topics in Political Science
Total Hours	12

Minors in Geography

One general minor, a minor with a specialization in environment and resources, and a minor in political geography are offered in geography. Each requires an introductory course as a prerequisite and 12 hours of 300/400-level courses. For completion of a minor, a student must have a minimum overall cumulative grade point average of 2.00 in all courses specified as a requirement for the minor exclusive of lower-level courses and prerequisite courses and complete a minimum of six hours in upper-level courses in the minor requirement through courses offered by Old Dominion University.

1. Geography. GEOG 100S or GEOG 101S is a prerequisite for the minor and is not included in the calculation of the grade point average for the minor. The minor requires 12 hours of 300/400-level geography electives.
2. Environment and Resources. GEOG 100S or GEOG 101S is a prerequisite for the minor and is not included in the calculation of the grade point average for the minor. Requirements for the minor are:

GEOG 305	World Resources	3
GEOG 405	Seminar in International Resource Management	3
Select two of the following courses:		6
GEOG 306T	Hazards: Natural and Technological	
GEOG 420	Marine Geography	
GEOG 422W	Coastal Geography	
Total Hours		12

3. Political Geography. POLS 100S, POLS 101S or POLS 102S is a prerequisite for the minor and is not included in the calculation of the grade point average for the minor. The minor has one required course and nine credit hours of 300/400-level political science and geography electives. The requirements are as follows.

GEOG 320	Political Geography	3
Select two political science courses from the following:		6
POLS 314	European Politics	
POLS 316	Politics of Africa	
POLS 323	International Political Economy	
POLS 324	International Relations Theory	
POLS 336	South Asia Since Independence	
POLS 350T	Technology and War	
POLS 401	Global Environmental Policy	
POLS 421	International Law	
POLS 455	The Politics of Climate Change	
POLS 466	Politics of the Middle East	
Select one geography course from the following:		3
GEOG 300	Maps and Geographic Information	
GEOG 306T	Hazards: Natural and Technological	
GEOG 321	World Economic Geography	
GEOG 412	Cities of the World	
GEOG 420	Marine Geography	
GEOG 422W	Coastal Geography	
Total Hours		12

Advanced Placement

Students interested in advanced placement credit should confer with the department chair. Information on credit awarded for qualifying scores on AP and IB subject examinations can be found on the equivalency charts on the Office of Undergraduate Admissions website at <https://www.odu.edu/admission/undergraduate/credit> (<https://www.odu.edu/admission/undergraduate/credit/>).

Geographic Information Science Certificate

The certificate in geographic information science (GISci) provides a program for students and professionals pursuing careers in geographic information systems (GIS) and related spatial technologies (remote sensing, global positioning systems, cartography, and spatial data handling and analysis). Awarded upon completion of the requirements, the certificate is an affidavit of academic proficiency and is administered by the Department of Political Science and Geography. Students must take courses in the areas listed below and complete them with a cumulative GPA of 3.00 or higher and no grade below a C (2.00). Students must complete a minimum of six hours in upper-level courses required for the certificate through courses offered by Old Dominion University.

The certificate is available to undergraduate students and non-degree seeking professionals who meet the requirements. Students with comparable professional experience may be able to satisfy competencies in selected courses through examination.

Students must complete the following courses:

Core Courses

GEOG 300	Maps and Geographic Information	3
GEOG 402	Geographic Information Systems	3
GEOG 404	Digital Techniques for Remote Sensing	3

Developmental Courses

Select two of the following:		6
GEOG 330	Field Methods (Prior Approval Required)	
GEOG 368	Internship in Geography (Prior Approval Required)	
GEOG 408	Cartography	
GEOG 419	Spatial Analysis of Coastal Environments	
GEOG 425	Internet Geographic Information Systems	
GEOG 432	Advanced GIS	
GEOG 463	GIS Programming	
GEOG 473	Geographic Information Systems for Emergency Management	
GEOG 490	Applied Cartography/GIS	
GEOG 495	Topics in Geography (Prior Approval Required)	
GEOG 497	Independent Research in Geography (Prior Approval Required)	

Total Hours **15**

Spatial Analysis of Coastal Environments Certificate

The certificate in spatial analysis of coastal environments provides an interdisciplinary program for students wishing to pursue careers in coastal management or research, remote sensing, or geographic information systems (GIS) applications. Rendered upon completion of the requirements, the certificate is an academic affidavit comprised of courses in geography and ocean, earth and atmospheric sciences and is administered by the two departments. Students must take courses in the areas listed below and complete them with a cumulative GPA of 3.00 or higher and no grade below a C (2.00). Students must complete a minimum of six hours in upper-level courses required for the certificate through courses offered by Old Dominion University.

The certificate is available to postgraduate professionals who meet the requirements. Students with comparable professional experience may be able to show competence in selected courses through examination.

Students seeking graduate certification should refer to the Graduate Catalog.

Undergraduate Certification

Core Courses

GEOG 404	Digital Techniques for Remote Sensing	3
GEOG 462	Advanced Spatial Analysis	3

Interpretive Analysis Courses

Select two of the following:		6
BIOL 404	Conservation Biology	
GEOG 420	Marine Geography	
GEOG 422W	Coastal Geography	
GEOG 490	Applied Cartography/GIS *	
GEOG 495	Topics in Geography *	
OEAS 306	Oceanography	
OEAS 344W	Geomorphology	
OEAS 495	Special Topics *	

Capstone Seminar

Select one of the following:		3
GEOG 419	Spatial Analysis of Coastal Environments	
OEAS 419	Spatial Analysis of Coastal Environments	

Total Hours **15**

* Advanced approval required

GEOGRAPHY Courses

GEOG 100S. Human Geography. 3 Credits.

This course provides a basic topical introduction to human and cultural geography. It focuses on the diversity of human societies, their distribution, characteristics, and cultural impact on the landscape. Topics include the geography of population, migration, language, religion, economic development, urbanization, resources, and the political landscape.

GEOG 101S. Environmental Geography. 3 Credits.

A geographical study of the diverse characteristics of the Earth's physical landscape, spatial distribution of environmental characteristics, the impacts of these on human populations and human populations' impact on the natural environment. Topics include climate and climate change, mass movements and natural hazards, biogeography and environmental problems such as desertification and deforestation, and the use and abuse of water resources.

GEOG 102T. Digital Earth: Geospatial Technology and Society. 3 Credits.

This course provides an overview and exploration of: 1) the digital representation of the Earth and 2) geospatial science and technology. The course investigates geospatial technological innovations affecting the environment, resources, and society, including satellite global positioning systems, geographic information systems, and earth observations. Students develop hands-on skills as well as critical-thinking skills concerning the role of increasingly ubiquitous geospatial technology and their influences on social, economic, and human-environment interactions.

GEOG 126S. Honors: Cultural Geography. 3 Credits.

Open only to students in the Honors College. A special honors section of GEOG 100S.

GEOG 250. World Regional Geography. 3 Credits.

A study of the physical and cultural characteristics of the major geographical regions of the world. The course focuses upon significant problems within each of the world's major regions and examines the relevance of the geographical background to these problems.

GEOG 295. Topics in Geography. 3 Credits.

A study of selective topics in Geography.

GEOG 296. Topics in Geography. 3 Credits.

A study of selective topics in Geography.

GEOG 300. Maps and Geographic Information. 3 Credits.

An investigation of different representations of the Earth: physical and cognitive maps, atlases, spatial databases, aerial photographs, and remote sensing imagery, with an emphasis on the use of geographic tools for communicating and analyzing information. Prerequisites: GEOG 100S or GEOG 101S.

GEOG 305. World Resources. 3 Credits.

A geographical analysis of the distribution and accessibility of the world's resources including population, agricultural land, biodiversity, water, renewable and nonrenewable materials, and energy sources. Prerequisites: GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 306T. Hazards: Natural and Technological. 3 Credits.

An exploration of human perceptions of and responses to extreme geophysical and technological threats, including nuclear bombs and accidents, hurricanes, tornadoes, earthquakes, and volcanoes. Prerequisites: junior standing and six credits in the social sciences or permission of the instructor.

GEOG 308. Research Design. 3 Credits.

Covers the design and implementation of quantitative and qualitative methods of inquiry in social sciences. Prerequisites: GEOG 100S or GEOG 101S.

GEOG 310. Geography of the City. 3 Credits.

An analysis of the structure, growth, and development of cities. Topics include the use of urban land, location of public services, structure of the urban economy, social problems of urban populations, and decay and revitalization. Prerequisites: Completion of General Education human behavior requirement.

GEOG 320. Political Geography. 3 Credits.

A study of the relationship between geographical and political factors; the nation state and its subdivisions; interaction among states; and the political geography of everyday life. Prerequisites: Completion of General Education human behavior requirement.

GEOG 321. World Economic Geography. 3 Credits.

An analysis of differences in spatial patterns on the economic landscape at national and international levels, and the processes which create such differences. Introduces basic concepts, theories, and models in economic geography at the global scale. Prerequisites: GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 325. Ethnic Minorities. 3 Credits.

A study of ethnic minorities worldwide with emphasis on geographical dimensions of ethnic identity and relationships between ethnicity and territory, regionalism, politics, and cultural expression. Prerequisites: Sophomore standing or permission of the instructor.

GEOG 330. Field Methods. 3 Credits.

A review of selected techniques for generating data in a field situation. Lectures deal with the description and evaluation of techniques such as sampling methods, observation, interviewing, questionnaires, human relations skills and ethical considerations. The project component involves the definition of field problems and the application of appropriate techniques. Prerequisites: Sophomore standing or permission of the instructor.

GEOG 350. Geography of the United States and Canada. 3 Credits.

The human and physical geography of the United States and Canada with special emphasis on the distribution of population and natural resources, migration patterns, location of major economic activities, and the variety of regional identities within the U.S. and Canada. Prerequisites: Junior standing and six credits in human behavior, or permission of the instructor.

GEOG 355. Topics in Regional Geography. 3 Credits.

A study of selected regions or selected problems within a particular region of the world. Prerequisites: Junior standing or permission of the instructor.

GEOG 367. Cooperative Education. 1-3 Credits.

Student participation for credit based on the academic relevance of the work experience, criteria and evaluative procedures as formally determined by the department and Career Development Services prior to the semester in which the work experience is to take place. Prerequisites: Approval by the department and Career Development Services.

GEOG 368. Internship in Geography. 1-12 Credits.

Individualized practical experience in the area of applied geography. The credits will be commensurate with the level of the student's involvement. Prerequisites: Twelve hours in geography.

GEOG 370. Introduction to Emergency Management. 3 Credits.

Disasters in the U.S and abroad are examined to study the evolution of emergency practices. Factors contributing to the hazardousness of place and community vulnerability are explored. Emergency phases are practiced through interactive simulations. Prerequisites: GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 395. Topics in Geography. 1-4 Credits.

A study of selected topics designed for nonmajors, or for elective credit within a major. These courses will appear in the course schedule and will be more fully described in information distributed to all academic advisors. Prerequisites: Junior standing or permission of the instructor.

GEOG 396. Topics in Geography. 1-4 Credits.

A study of selected topics designed for nonmajors, or for elective credit within a major. These courses will appear in the course schedule and will be more fully described in information distributed to all academic advisors. Prerequisites: Junior standing or permission of the instructor.

GEOG 398. Tutorial Work in Geography. 1-3 Credits.

Independent study under the direction of an instructor. Prerequisites: Permission of the instructor.

GEOG 400W/500. Seminar in Geography. 3 Credits.

Advanced study of a specialized topic in geography. The choice of the topic may vary according to the availability of faculty expertise and student interest. This is a writing intensive course. This course may be repeated once provided it is a different topic and with permission of the instructor. Prerequisites: A grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C; GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 401/501. Global Environmental Policy. 3 Credits.

This course analyzes the causes, severity, potential consequences, and proposed solutions regarding global ecological issues with special attention to the scientific debate and the political and policy process. It examines environmental policies of national governments, regional/international organizations, and global conferences. Prerequisites: GEOG 100S or GEOG 101S or GEOG 102T or POLS 100S or POLS 101S or POLS 102S.

GEOG 402/502. Geographic Information Systems. 3 Credits.

A study of the conceptual basis of GIS as a tool for manipulating spatial information. The course focuses on how geographic information can be input and organized within the framework of a GIS. Students will work on a computer-based GIS to gain a greater understanding of spatial database structures and analytical operations. Prerequisites: Junior standing or permission of instructor.

GEOG 404/504. Digital Techniques for Remote Sensing. 3 Credits.

Study of the theory and application of remote sensing, emphasizing environmental applications and aerial and satellite imagery. Covers the fundamentals of multispectral digital image processing, including sensors pre-processing, enhancement, classification, accuracy assessment, and GIS data integration. Prerequisites: Junior standing or permission of instructor.

GEOG 405/505. Seminar in International Resource Management. 3 Credits.

Discussion of the ecological and management principles underlying international resource management and the goal of attaining a sustainable, ecologically balanced world. Prerequisites: GEOG 100S or GEOG 101S; GEOG 305 recommended.

GEOG 408/508. Cartography. 3 Credits.

Computer-assisted methods and techniques employed in the design, construction, and use of maps and other graphics as tools for data analysis and communication. Prerequisites: GEOG 300 or GEOG 402.

GEOG 410/510. Seminar in Urban Geography. 3 Credits.

Discussion of specific urban and metropolitan problems based on outside readings and individually selected research topics. Prerequisites: GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 411/511. Urban and Regional Planning. 3 Credits.

A study of planning concepts and powers used to guide contemporary metropolitan growth and development. Emphasis is on the application of social science principles and methods to the planning process. Prerequisites: GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 412/512. Cities of the World. 3 Credits.

An examination of cities of the world's major cultural realms with an emphasis on the urban landscape as it varies between developed and developing countries. Prerequisites: Junior standing or permission of the instructor.

GEOG 417/517. GIS for Planning and Public Policy. 3 Credits.

Geographic Information Systems (GIS) and science are an essential tool for urban planners and policy makers who have special interests in places and who need this kind of knowledge for decision making. The purpose of this course is to teach students the foundations of GIS and how it is applied in urban planning and other related disciplines. The course combines lectures, discussion of readings, and hands-on exercises in the computer lab. Prerequisites: GEOG 402 or permission of the instructor.

GEOG 418. Quantitative Methods. 3 Credits.

A survey of and practicum in the basic techniques of quantitative research, including the logic of empirical research, the identification of data sources, and the use of appropriate statistical techniques. Prerequisites: GEOG 100S or GEOG 101S, GEOG 308 with a grade of C- or better. Pre- or corequisite: STAT 130M with a grade of C- or better.

GEOG 419/519. Spatial Analysis of Coastal Environments. 3 Credits.

The course integrates remotely sensed and field techniques for scientific investigation and practical management of coastal environmental systems. Spatial modeling of coastal processes and management tools using Geographic Information System (GIS). Prerequisites: GEOG 404 or permission of the instructor.

GEOG 420/520. Marine Geography. 3 Credits.

An analysis of human-sea relationships with particular emphasis on resource management and political organization from global, regional, and national perspectives. Prerequisites: Junior standing and six credits in human behavior, or permission of the instructor.

GEOG 422W/522. Coastal Geography. 3 Credits.

An examination of the physical and human geography of the coastal zone. Considers problems of managing coastal resources with an emphasis on North America. Lectures focus on coastal patterns, processes, and problems at the global, national, and local scales. Students investigate a section of the local coastline and write a report on the physical and human geography on the basis of field study, library, and internet research. This is a writing intensive course. Prerequisites: GEOG 100S or GEOG 101S, a grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, or permission of the instructor.

GEOG 424/524. Weather, Climate and Society. 3 Credits.

Weather and climate play a pivotal role in nearly every aspect of life. How does temperature relate to health outcomes? What impact does El Niño have on Peruvian farmers? How is the issue of climate change reflected in national security policy? Why? Topics also include the energy balance equation, remote sensing techniques, and climatological data acquisition and analysis. Beyond an understanding of the complex processes that dictate the flow of the atmosphere, the course analyzes the socioeconomic, political, and cultural perspectives of climate and weather. The course also provides a framework for stewardship and responsibility to the future. Prerequisites: GEOG 100S, GEOG 101S, or permission of the instructor.

GEOG 425/525. Internet Geographic Information Systems. 3 Credits.
Theoretical and practical exploration of methods, standards, and policies related to the development and utilization of geographic information systems on the Internet. Students will create and utilize distributed geospatial data and analytical systems using the WWW and the Internet to address geographical problems. Prerequisites: GEOG 402.

GEOG 432/532. Advanced GIS. 3 Credits.
The study of a series of advanced topics in the field of geographic information systems/science. Focus is placed on the development of projects/models and a survey of several advanced techniques. Students will work on a computer based GIS to implement topics from lectures. Prerequisites: GEOG 402.

GEOG 446/546. Geography, Gender, and Sexuality. 3 Credits.
This course examines gender identity and sexuality in all of their diverse forms through a lens of human geography, such as metaphors of space and place, the cultural landscape, and 'mapping territory.' Topics explored include global gender identities; 'queer space;' 'locating' gender and sexuality within the arts and tourism; the gendered citizen and the nation; and political economies of gender and sexuality. Prerequisites: Junior standing, GEOG 100S or GEOG 101S, a grade of C or better in ENGL 211C, ENGL 221C, or ENGL 231C, or permission of the instructor.

GEOG 451/551. Europe. 3 Credits.
A geographical analysis of the interrelationships among physical, cultural, economic, and political factors in Europe. Prerequisites: Junior standing and GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 452/552. Africa. 3 Credits.
A geographical analysis of the interrelationships among physical, cultural, economic, and political factors in Africa. Prerequisites: Junior standing and GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 453/553. Asia. 3 Credits.
A geographical analysis of the interrelationships among physical, cultural, economic, and political factors in Asia excluding the Middle East and the former USSR. Prerequisites: Junior standing and GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 454W/554. Latin America. 3 Credits.
A geographical analysis of the interrelationships among physical, cultural, economic, and political factors in Latin America. This is a writing intensive course. Prerequisites: Junior standing, GEOG 100S or GEOG 101S, a grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, or permission of the instructor.

GEOG 455/555. The Middle East. 3 Credits.
A geographical analysis of the interrelationships among physical, cultural, economic, and political factors in the Middle East. Prerequisites: Junior standing and GEOG 100S or GEOG 101S, or permission of the instructor.

GEOG 458/558. Geography of Virginia. 3 Credits.
An analysis of Virginia's population, resources, and regional landscapes as they have been influenced by physical, cultural, historical, and economic factors. Prerequisites: GEOG 100S or GEOG 101S.

GEOG 460/560. Medical Geography. 3 Credits.
The course covers a range of topics in medical and health geography, including spatial behaviors of infectious disease and health care access. The focus of the course is on the geographical patterns of health and disease from the population rather than individual scale. In addition to seminar style lectures and discussions, the course enables students to further investigate by learning how to conduct medical/health geography research. Prerequisites: Successful completion of the University's lower-division General Education requirement in Human Behavior, or permission of the instructor.

GEOG 462/562. Advanced Spatial Analysis. 3 Credits.
This course introduces the essential theoretical concepts and analytical tools for analyzing spatial process, spatial autocorrelation, spatial patterns, techniques for spatial interpolation, network connectivity, big data, and landscape patterns. The course culminates with students carrying out their own spatial analysis projects. This course assumes that students understand the basic concepts in GIS with some experience in software operation of ArcGIS. Prerequisite: GEOG 402 or permission of the instructor.

GEOG 463/563. GIS Programming. 3 Credits.
This course develops students' GIS programming skills. Focus is placed on Python programming in ArcGIS and JavaScript in Web GIS development. Prerequisites: GEOG 402.

GEOG 464/564. Advanced Environmental Geography Seminar. 3 Credits.
The objective of the course is to provide students with a deeper understanding of the current concepts and debates in environmental geography. By exploring the ethical and philosophical foundations of the field, the course considers the environment's opportunities and constraints. While topics may include climate change, agricultural security, and renewable energy, the course will be driven by student-led discussions and participation. Critically thinking about complex phenomenon, the seminar will include various weekly readings, discussions, and writing assignments. Prerequisites: GEOG 100S or GEOG 101S or permission of the instructor.

GEOG 473/573. Geographic Information Systems for Emergency Management. 3 Credits.
Students will demonstrate advanced skills and techniques using spatial data to prevent, mitigate, respond to, and recover from intentional, natural, and accidental homeland security threats and emergencies. This course demonstrates the importance of rapidly disseminating spatial information towards the prevention and response of various organizations to homeland security events. This course will provide students with the tools and experience required to collect, prepare and manage spatial data and enable students to be prepared to map and analyze the data to quickly and effectively create a coordinated response to real homeland security events. Prerequisites: GEOG 100S, GEOG 101S, or permission of the instructor.

GEOG 475/575. Urban Resiliency. 3 Credits.
This course examines the multifaceted interface of built and natural environments and their impacts on land use management at spatial and temporal scales. It evaluates the impact of population pressure on sustainability through a survey of urban areas and analyzes urban planning and management capacities to maintain resilience despite environmental and technological hazards. Prerequisites: GEOG 100S or GEOG 101S or permission of the instructor.

GEOG 480W. Senior Seminar in International Studies. 3 Credits.
Interdisciplinary research and the preparation of a senior thesis in international studies. This is a writing intensive course. Prerequisites: A grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, senior standing in the BAIS degree program or permission of the instructor.

GEOG 481. Geographic Inquiry and Professional Development. 3 Credits.
This course is designed to allow students to synthesize Geography concepts, theories, and knowledge and apply them to: 1) understand their positionality within the paradigms of the discipline, 2) explore future career paths, discover job possibilities, and graduate school opportunities in Geography, and 3) prepare materials (such as resumes and e-portfolios) to be used to apply for such positions. Prerequisites: GEOG 100S OR GEOG 101S OR GEOG 102T.

GEOG 490/590. Applied Cartography/GIS. 1-3 Credits.
Practical experience in applying the principles of cartography and geographical information systems to the design and construction of maps and other graphics. Prerequisites: Junior standing or permission of the instructor.

GEOG 495/595. Topics in Geography. 1-4 Credits.
The advanced study of selected topics which, due to their specialized nature, may not be offered regularly. These courses will appear in the course schedule, and will be more fully described in information distributed to all academic advisors. Prerequisites: Appropriate survey course or permission of the instructor.

GEOG 496/596. Topics in Geography. 1-4 Credits.
The advanced study of selected topics which, due to their specialized nature, may not be offered regularly. These courses will appear in the course schedule, and will be more fully described in information distributed to all academic advisors. Prerequisites: Appropriate survey course or permission of the instructor.

GEOG 497/597. Independent Research in Geography. 1-3 Credits.

Independent reading and study on a topic to be selected under the direction of the instructor. Conferences and papers as appropriate. Prerequisites: Senior standing and approval of the director of geography.

GEOG 498/598. Tutorial Work in Geography. 1-3 Credits.

Independent study under the direction of an instructor. Prerequisites: Permission of instructor.

GEOG 499. Senior Thesis. 3 Credits.

Completion of a research paper supervised by a faculty member from the Geography program. Research topic to be selected in concert with the faculty supervisor and a final written report required. Prerequisites: GEOG 308 and senior standing in Geography.

POLITICAL SCIENCE Courses

POLS 100S. Introduction to International Politics. 3 Credits.

This course provides a basic introduction to the study of international politics. It considers some of the more prominent theoretical perspectives in the discipline and examines the major political, economic, social and environmental issues presently facing the global community. The course prepares students for advanced study in international politics.

POLS 101S. Introduction to American Politics. 3 Credits.

This course introduces students to the political processes and the institutions of American politics. The course examines American political culture, gender and minority rights, citizen participation, national institutions, public policy, and foreign and defense policy.

POLS 102S. Introduction to Comparative Government and Politics. 3 Credits.

This course introduces basic concepts and methods for the study of comparative politics. It also surveys and compares the political/socioeconomic development, political cultures/ideologies, political institutions, decision-making processes, and public policies of various countries in the world.

POLS 126S. Honors: Introduction to American Politics. 3 Credits.

Open only to students in the Honors College. A special honors section of POLS 101S.

POLS 127S. Honors: Introduction to International Politics. 3 Credits.

Open only to students in the Honors College. Special honors section of POLS 100S.

POLS 300. Introduction to Public Policy. 3 Credits.

An introduction to various approaches to policy making followed by a detailed study of several of the most important domestic contemporary issues (housing, transportation, education, welfare, etc.). Prerequisites: Six credits in human behavior.

POLS 301W. Introduction to Public Law. 3 Credits.

Introduces the student to the American legal system through an examination of its institutions, practitioners, and processes. A general survey of constitutional law, administrative law, civil and criminal law, and selected topics of substantive and procedural dimensions of the court system. This is a writing intensive course. Prerequisites: POLS 101S and a grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C.

POLS 306. Judicial Process and Behavior. 3 Credits.

In-depth analysis of the American court system with an emphasis on the political behavior of the system's participants and the procedural dimensions of the court system. Prerequisites: POLS 101S.

POLS 307. Constitutional Criminal Procedure. 3 Credits.

Development of criminal procedure under the United States Constitution, with particular emphasis on the Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments as interpreted by the U.S. Supreme Court. Prerequisites: POLS 101S.

POLS 308. Research Design. 3 Credits.

Covers the design and implementation of quantitative and qualitative methods of inquiry in social sciences. Prerequisites: POLS 100S, POLS 101S and POLS 102S or permission of instructor.

POLS 309. Race, Culture and Public Policy. 3 Credits.

This course examines the public policy problems of various racial groups in America. It analyzes the extent to which the American political system protects and promotes the concerns of African Americans, Hispanics, Native Americans and Asians. Prerequisites: Six hours in human behavior.

POLS 310. Political Theory. 3 Credits.

This course is a survey of political theory covering political thinkers such as Plato, Aristotle, St. Thomas Aquinas, Machiavelli, Locke, Mill, Marx and Rawls as well as central concepts like justice, order, liberty, and equality. Prerequisites: POLS 100S and POLS 101S or permission of the instructor.

POLS 311. Virginia Politics and Government. 3 Credits.

This course is a survey of Virginia state and local government institutions, functions, processes, and behavior of political actors. Prerequisites: POLS 101S.

POLS 312. American Political Thought. 3 Credits.

The course considers the origins, evolution, purposes, and relevancy of American political thought. It includes studies in democracy versus elitism; civil disobedience versus revolution; liberalism versus conservatism. Prerequisites: POLS 101S or permission of the instructor.

POLS 313. United Nations Seminar. 1 Credit.

An examination of the United Nations and key issues facing the international community. Includes a three-day visit to United Nations headquarters in New York. Prerequisites: Junior standing or permission of the instructor.

POLS 314. European Politics. 3 Credits.

Analyzes and compares the major political functions and the social, economic, and cultural bases of European states. Also examines the contemporary movement for European economic, military, and political unity. Prerequisites: POLS 100S or POLS 102S or permission of the instructor.

POLS 316. Politics of Africa. 3 Credits.

This course is intended to familiarize students with the struggles, advances, and setbacks of African peoples for state-building and socioeconomic development during the colonial and post-independence eras. Prerequisites: Junior standing or permission of the instructor.

POLS 319. Lobbies and Interest Groups. 3 Credits.

A survey of the lobby movement in America, its history and present status, with particular attention to current lobbies and interest groups and their impact on the national government. Prerequisites: POLS 101S.

POLS 320. United Nations. 3 Credits.

Since it was established in 1945 the UN has inspired humanity, undertaken many of the world's most difficult jobs, and provided great achievements and disappointments. This course examines the functioning of the UN, what it does best and worst, and the prospects for UN reform. Prerequisites: POLS 100S or GEOG 100S or permission of the instructor.

POLS 321W. International Organizations. 3 Credits.

What are the roles and capabilities of the international organizations? This course examines the principles behind the world's 300 IOs, including specialized, technical, and regional organizations, as well as alliances and non-governmental organizations. When do they replace states and other actors? When are they essential, when are they helpful adjuncts, and when are they irrelevant? This is a writing intensive course. Prerequisites: POLS 100S or GEOG 100S and a C or better in English 211C, ENGL 221C or ENGL 231C.

POLS 323. International Political Economy. 3 Credits.

Introduces students to the primary mechanisms of the global political economy in allocating goods, income, wealth and the means to produce them, with emphasis on the international division of labor. Prerequisites: Six hours of human behavior.

POLS 324. International Relations Theory. 3 Credits.

Comparative study of the various theories that attempt to explain the patterns of interactions among the different members of the global community. Draws on historical and modern cases to explain traditional and alternative theories. Prerequisites: POLS 100S and an additional three hours of human behavior.

POLS 325W. World Politics. 3 Credits.

This course is designed for intermediate students who are interested in the theoretical and systematic study of world politics. The course first introduces students to several major theoretical approaches to the study of world politics, and then applies these approaches to a number of major issues--ranging from conflict and cooperation, arms control, the protection of human rights, international trade, economic development, and environmental preservation. This is a writing intensive course. Prerequisites: A grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, six hours of human behavior and junior standing.

POLS 326W. American Foreign Policy. 3 Credits.

This course presents those factors that go into the making and analyzing of American foreign policy, explores their application in decision making, and seeks to test their utilization against contemporary problems. This is a writing intensive course. Prerequisites: POLS 100S and a grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, or permission of the instructor.

POLS 327W. Politics of National Security. 3 Credits.

Examination of issues facing America as it debates the use of international force, including the range of national security choices, defense reform, and the tensions between American resort to warfare and global trends transforming the ability to use violence effectively. This is a writing intensive course. Prerequisites: POLS 100S or permission of the instructor and a grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C.

POLS 328. Russian Politics. 3 Credits.

Starting with the Soviet communist system, explores Russia's efforts to establish democracy and the rule of law, to fashion a productive, beneficial market economy, to establish viable relationships with the other former republics of the USSR and to craft advantageous foreign and military policies toward the West, Asia, and the developing countries. Prerequisites: POLS 100S or POLS 102S or GEOG 100S or permission of the instructor.

POLS 331. State and Local Government. 3 Credits.

This course is a survey of state and local government institutions, functions, processes, and behavior of political actors. Prerequisites: POLS 101S.

POLS 332W. Europe in World Affairs. 3 Credits.

Analyzes European politics from World War II to the present. Emphasizes the foreign policies of major European states, including policies towards EU and NATO. This is a writing intensive course. Prerequisites: POLS 100S and ENGL 211C or ENGL 221C or ENGL 231C.

POLS 333. Media and Politics. 3 Credits.

An examination of the development of the news media and the role of political communication and information in American politics. Analysis of the newsmaking process; media coverage of political campaigns, the President and Congress; the impact of the news media on the American public; and the interaction between public officials and journalists. Prerequisites: POLS 101S.

POLS 334. Electoral Politics. 3 Credits.

A survey of electoral politics and behavior, including the structure of the electoral system, contemporary political campaigning, political partisanship, voting behavior, and role of interest groups in the electoral process. Prerequisites: POLS 101S and another three hours in political science.

POLS 335. Environmental Politics. 3 Credits.

This course examines the evolution of environmentalism in the United States, including the policy-making process, science and the role played by the public and political institutions. Prerequisites: POLS 101S.

POLS 336. South Asia Since Independence. 3 Credits.

This is a comparative study of the main political, economic and social developments in the major countries of South Asia. Themes will include democratization, problems of economic development, the role of caste and religion, the causes of intrastate conflict and interstate conflict and the influence of global forces on the region. Prerequisites: POLS 100S or POLS 102S.

POLS 337. Latin American Politics. 3 Credits.

Examines the evolution of Latin American politics, including early colonial and caudillo rule, populism and radicalism, the emergence of military regimes, and the reestablishment of constitutional democracies. Also considers contemporary economic, social, cultural, and environmental issues which condition state-society relations in the region. Prerequisites: Six hours in human behavior.

POLS 338W. Politics of East Asia. 3 Credits.

This course examines political cultures/traditions, governmental institutions, decision-making processes, public policies, political organizations, and significant socio-political issues of such East Asian countries as China, Japan and Korea. In addition, it explores the collective impact of these countries on world politics and global economy. This is a writing intensive course. Prerequisites: A grade of C or better in ENGL 110C and ENGL 211C or ENGL 221C or ENGL 231C, six hours in human behavior, and junior standing or permission of the instructor.

POLS 350T. Technology and War. 3 Credits.

This course examines the fundamental changes and continuities that the evolution of technology has brought to armed conflict. It explores the historical development of technology and warfare, emphasizing the role of cultural, social and political choice shaping the development of new military technologies and affecting how they are used. What is the future of Western assumptions about technologically dominated warfare? Prerequisites: POLS 100S or permission of the instructor.

POLS 367. Cooperative Education. 1-3 Credits.

Student participation for credit based on the academic relevance of the work experience, criteria, and evaluative procedures as formally determined by the department and Career Development Services prior to the semester in which the work experience is to take place. Prerequisites: Approval of the department chair and Career Development Services.

POLS 368. Internship in Political Science. 1-12 Credits.

Individualized practical experience in public bureaucracies, political groups, administrative agencies or law firms. Group seminars are held periodically under the supervision of faculty. Credits are commensurate with the level of the student's involvement. Prerequisites: Nine hours in political science, 3 of which must be in an upper-level course.

POLS 395. Topics in Political Science. 1-3 Credits.

A study of selected topics designed for nonmajors, or for elective credit within a major. These courses and any additional prerequisites will appear in the course schedule, and will be more fully described in information distributed to all academic advisors. Prerequisites: Junior standing and permission of the instructor.

POLS 396. Topics in Political Science. 1-3 Credits.

A study of selected topics designed for nonmajors, or for elective credit within a major. These courses and any additional prerequisites will appear in the course schedule, and will be more fully described in information distributed to all academic advisors. Prerequisites: Junior standing and permission of the instructor.

POLS 400. Congress. 3 Credits.

This is a detailed study of the institutional and behavioral factors at work in legislative decision making, especially at the national level. Emphases are on the interrelationships among Congress, the Presidency, and the bureaucracy and on learning how to do research on specific legislation. Prerequisites: POLS 101S or permission of the instructor.

POLS 401/501. Global Environmental Policy. 3 Credits.

This course analyzes the causes, severity, potential consequences, and proposed solutions regarding global ecological issues with special attention to the scientific debate and the political and policy process. It examines environmental policies of national governments, regional/international organizations, and global conferences. Prerequisites: GEOG 100S or GEOG 101S or GEOG 102T or POLS 100S or POLS 102S.

POLS 403/503. First Amendment Freedoms. 3 Credits.

The course deals with the development and practice of conflicting judicial and legal theories concerning our substantive guaranties. Students are asked to act as advocates in developing and substantiating theories of their own. Prerequisites: POLS 101S or permission of the instructor.

POLS 407. American Presidency. 3 Credits.

The course covers the development of presidential power and activity, the contemporary operations of the Presidency, and the problems which may confront the institution in the future. Prerequisites: POLS 101S or permission of the instructor.

POLS 408. American Constitutional Law: Individual Rights. 3 Credits.

An examination of the vexatious line between the rights of individuals and those of the state in the American democracy, focusing on such major issues as freedom of expression and worship; freedom of the press; separation of church and state; privacy; and racial and gender discrimination. Prerequisites: POLS 101S.

POLS 409. American Constitutional Law: Powers of Government. 3 Credits.

An examination of separation of powers, federalism and the democratic process as reflected by Supreme Court decisions. Also, the Supreme Court as a political institution. Prerequisites: POLS 101S.

POLS 410/510. African American Politics. 3 Credits.

This course examines the political development of Black people in the United States by focusing on the relationship and processes of the American political system. The political dynamics of Black political thought, the Civil Rights Movement, and Black protest politics are also analyzed. Prerequisites: Six hours in human behavior and junior standing.

POLS 412/512. Politics of the Civil Rights Movement. 3 Credits.

Examines the political activities which resulted in the passage of the nation's second Civil Rights policy, the 1960 and 1964 Civil Rights Acts, the 1965 Voting Rights Act and the 1968 Fair Housing Act. The course will analyze the underpinnings, leadership, and political strategies of the Civil Rights Movement. Prerequisites: Six hours in human behavior and junior standing.

POLS 414/514. Politics of Education. 3 Credits.

The question of power, often ignored by education policy analysts and researchers, is a principal focus of this seminar. Issues ranging from the role of education in political socialization and the politics of affirmative action and equal opportunity are examined. Prerequisites: Junior standing or permission of the instructor.

POLS 415/515. Women and Politics in America. 3 Credits.

Examines women's place in political theory and the practice of politics in the United States. A major focus is to trace the development of women's political rights, the impact of public policy on the lives of American women and to see how women influence and participate in the political process. Prerequisites: POLS 101S or permission of the instructor.

POLS 418. Quantitative Methods. 3 Credits.

A survey of and practicum in the basic techniques of quantitative research, including the logic of empirical research, the identification of data sources, and the use of appropriate statistical techniques. Prerequisites: POLS 101S and a grade of C- or better in POLS 308. Pre- or corequisite: A grade of C- or better in STAT 130M.

POLS 419. Jurisprudence. 3 Credits.

An examination of the history of legal thought and developments of natural law, as well as an in-depth analysis of legal positivism and realism. Particular attention is paid to American legal philosophy. Prerequisites: POLS 408 or POLS 409 or permission of the instructor.

POLS 420W/520. Southern Politics. 3 Credits.

This seminar focuses on the politics of the American South from the 1940s to the present. Emphasis is on introducing students to contrasting explanations and analysis about the politics of the American South. This is a writing intensive course. Prerequisites: POLS 101S and a grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, or permission of the instructor.

POLS 421/521. International Law. 3 Credits.

Surveys major areas of public international law (e.g., laws of warfare, law of the sea, conflict resolution, etc.). Emphasizes the relationship between international law and international politics. Prerequisites: Six hours in political science or permission of the instructor; POLS 325W is recommended.

POLS 424/524. International Organization. 3 Credits.

Course provides a basis for understanding the role and importance of international organizations in contemporary international relations. Focuses on development and history of global organizations, with particular emphasis on the United Nations, and regional and functional organizations. Prerequisites: POLS 100S and POLS 325W and additional internationally-focused course or permission of the instructor.

POLS 425W. Cybersecurity Strategy and Policy. 3 Credits.

This writing intensive course explores cybersecurity policy and strategy and introduces students to the essentials of strategy development and policy making in cybersecurity. Topics considered include planning principles in cyber strategy; risk management and cybersecurity policy; the connections between cybersecurity policies, businesses, and governmental institutions; the knowledge, skills, and abilities needed to develop and implement cybersecurity policy; the social, political and ethical implications that arise in cybersecurity policies and strategies; strategies to assess cybersecurity policy; and the ties between national security and cybersecurity policy. Prerequisites: ENGL 110C and ENGL 211C or ENGL 221C or ENGL 231C with a grade of C or better and CYSE 200T or POLS 101S.

POLS 426. Cyber War. 3 Credits.

This course explores the national security dimensions of cybersecurity and examines cyber war in international relations. Exploration of cyber war begins with an examination of cybersecurity as a component of national security and investigates the topics of U.S National Cybersecurity and other national approaches to cyber war. The topics of cyber deterrence, cyber as a military domain, the roles of international organizations in cyber war, cyber terrorism, the role of social media, and information warfare will be discussed. The international dimension of cybersecurity is also discussed. Prerequisites: CYSE 200T or POLS 101S or permission of the instructor.

POLS 434/534. Political Participation in the United States. 3 Credits.

An examination of current theories and research on political behavior, conventional and unconventional modes of political participation, and the impact of participation on the political system. Prerequisites: Six semester hours of political science.

POLS 435/535. Chinese Politics. 3 Credits.

A study of origins of the Chinese revolution; development and functions of the Chinese Communist Party; government institutions; the defense establishment; evolution of foreign policy; and post-Mao political and economic reforms. Prerequisites: POLS 100S and POLS 102S or permission of the instructor.

POLS 436. Japanese Politics. 3 Credits.

A study of Japan's historical political development and social patterns; government institutions; problems of the constitution; and foreign and defense policy. Prerequisites: POLS 100S and POLS 102S or permission of the instructor.

POLS 437/537. International Relations in East Asia. 3 Credits.

A study of contemporary issues (political, economic, and strategic) in the East Asia area; the interactions of China, Japan, the United States, and the former Soviet republics in East Asia. Prerequisites: POLS 100S.

POLS 438/538. Law in Literature and Film. 3 Credits.

Students will study law as seen through the lens of fiction. Assignments draw heavily from classic and contemporary novels, short stories, plays, films, and perhaps television. As these artistic representations of law in action are explored, short theoretical readings help focus on questions of philosophy, politics, and justice. The course also explores the relationship between fiction and reality through appellate opinions and contemporary literature on the American legal system. The goal is to come to a better understanding of the potential blessings, dangers, and limitations of law. Prerequisites: POLS 101S or permission of the instructor.

POLS 439/539. International Relations of African States. 3 Credits.

This course aims to expose students to an examination of the workings of international politics from the viewpoint of Africans and African states. International relations have tended to look at the world from the viewpoint of its most powerful states. Yet, most of the world's states - notably in Africa - are weak but have great potential global impact. Prerequisites: Junior standing or permission of the instructor.

POLS 442/542. Twentieth Century Dictatorships. 3 Credits.

A study of the Fascist, Nazi, Stalin and Mao regimes and the forces that brought them to power and sustained them, including a study of the impact of their policies on their people and neighboring states. Prerequisites: Six hours in human behavior and junior standing or permission of the instructor.

POLS 445. Globalization: Dynamics and Implications. 3 Credits.

Explores the essential characteristics of globalization and its implications for social relations and existing institutions. Prerequisites: Three hours in economics and 6 hours in political science.

POLS 455/555. The Politics of Climate Change. 3 Credits.

An examination of the science of climate change and how United States political actors have responded to this global environmental challenge. Prerequisites: Junior standing or permission of the instructor.

POLS 458T. Weapons of Mass Destruction in Global Security. 3 Credits.

Since the end of the Cold War, weapons of mass destruction have emerged as one of the most dangerous and contentious issues in international affairs. The course examines how these weapons are made, how they proliferate, and how they are controlled. Prerequisites: POLS 100S.

POLS 461. Seminar in European Politics. 3 Credits.

This course focuses on one specific European country such as France, Germany, the United Kingdom, etc. Examination of trends and events which most influenced the evolution of domestic politics and foreign relations from World War II to the present. Prerequisites: POLS 100S or POLS 102S and POLS 314 or POLS 332W.

POLS 462. Ethnic Conflict in the New Global Order. 3 Credits.

Ethnically based conflict is presently a pervasive worldwide phenomenon. This course examines internal and external factors causing ethnic conflicts and mechanisms for resolving or mitigating such conflicts. Prerequisites: Six hours in human behavior.

POLS 466/566. Politics of the Middle East. 3 Credits.

An analysis of the political processes throughout the region and in selected nations of the Middle East. Topics to be discussed include inter-Arab relations, the Arab-Israeli conflict, the Iran-Iraq rivalry and foreign power involvement in the Middle East. Prerequisites: Junior standing or permission of the instructor.

POLS 470. African Americans and Foreign Affairs. 3 Credits.

This course focuses on race, ethnicity, and the role and influence of African Americans in international affairs and American foreign policy making. It investigates the activities of African Americans in the international arena. The emphasis is on how African Americans have participated and the results of that participation from the era of slavery to Barack Obama. Prerequisites: Junior standing or permission of the instructor.

POLS 480W. Senior Seminar in International Studies. 3 Credits.

Interdisciplinary research and preparation of a senior thesis in international studies. This is a writing intensive course. Prerequisites: A grade of C or better in ENGL 211C or ENGL 221C or ENGL 231C, senior standing in the BAIS degree program or permission of the instructor.

POLS 481. Seminar in American Politics. 3 Credits.

The advanced study of selected topics in American politics designed to permit small groups of qualified students to work on subjects of mutual interest which, due to their specialized nature, may not be offered regularly. Prerequisites: Junior standing in political science.

POLS 493. Great Decisions. 1 Credit.

An examination and discussion of critical world issues based upon the Foreign Policy Association's Great Decision Series. Prerequisites: POLS 100S or POLS 101S.

POLS 495/595. Topics in Political Science. 1-3 Credits.

The advanced study of selected topics in political science which, due to their specialized nature, may not be offered regularly. Prerequisites: Appropriate survey course or permission of the instructor.

POLS 496/596. Topics in Political Science. 1-3 Credits.

The advanced study of selected topics which, due to their specialized nature, may not be offered regularly. Prerequisites: Appropriate survey course or permission of the instructor.

POLS 497/597. Independent Research in Political Science. 1-3 Credits.

Independent research in political science under the supervision of a faculty member. Prerequisites: Senior standing or permission of the instructor.

POLS 498. Tutorial Work-Special Topics. 1-3 Credits.

Independent research in political science under the supervision of a faculty member. Prerequisites: Senior standing or permission of instructor.