

BACHELOR OF SCIENCE WITH A MAJOR IN INTERNATIONAL AFFAIRS

Building on the same core curriculum found in the Elliott School's world-class bachelor of arts program, the bachelor of science in international affairs integrates advanced STEM training that puts students at an advantage when navigating the increasingly science- and tech-dependent landscape of twenty-first century global affairs.

Students also have the flexibility to pursue a second major in computer science, economics, or other STEM-related discipline, allowing them to develop an innovative, individualized, and highly-marketable program of study.

These features, in combination with an expert faculty, frequent campus visits by ambassadors and other world leaders, and close connections with key institutions and stakeholders in the nation's capital, puts students and graduates in a prime position to achieve their goals.

Visit the program website (<https://elliott.gwu.edu/bachelor-science-international-affairs/>) for additional information.

ADMISSIONS

For information about the admission process, including deadlines, visit the Office of Undergraduate Admissions website (<https://undergraduate.admissions.gwu.edu/>). Applications can be submitted via the Common Application (<https://go.gwu.edu/commonapp/>).

Supporting documents not submitted online should be mailed to:

Office of Undergraduate Admissions
The George Washington University
800 21st St NW Suite 100
Washington, DC 20052

For questions visit undergraduate.admissions.gwu.edu/contact-us (<http://undergraduate.admissions.gwu.edu/contact-us/>).

GENERAL REQUIREMENTS

Elliott School bachelor's degrees engage students with global issues through multidisciplinary and interdisciplinary approaches. Students begin their studies in the first year with foundational courses in political science, economics, history, and anthropology or geography. They supplement these courses with others in the traditional liberal arts categories of writing, oral communication, natural or physical science, mathematics or statistics, and the humanities/creative arts, plus two writing in the disciplines courses. Language study also is emphasized early to enable students to satisfy the third-year language proficiency requirement of the bachelor's degree in a timely manner.

Elliott School bachelor's degrees require a minimum of 120 credits. The following three sets of requirements must be fulfilled:

1. University General Education Requirements

2. Elliott School Introductory Requirements

3. Major Requirements

1. University General Education Requirements

Coursework (<https://bulletin.gwu.edu/university-regulations/general-education/#generaleducationtext>) for the University General Education Requirement is distributed as follows:

- One course in critical thinking in the humanities.
- Two courses in critical thinking, quantitative reasoning, or scientific reasoning in the social sciences.
- One course that has an approved oral communication component.
- One course in quantitative reasoning (must be in mathematics or statistics).
 - Students in the BS in international affairs program are required to take a calculus-based course to fulfill the University General Education requirement in quantitative reasoning. Options include MATH 1220 and MATH 1221; MATH 1231; MATH 1232; or MATH 1252. Students must complete all required prerequisites for their intended analytic core courses. Students are encouraged to consult their advisor with any questions.
- One course in scientific reasoning, with lab (must be in natural and/or physical laboratory sciences).
- UW 1020 (<https://bulletin.gwu.edu/search/?P=UW%201020>) University Writing (4 credits).
- After successful completion of UW 1020, 6 credits distributed over at least two writing in the discipline (WID) courses taken in separate semesters. WID courses are designated by a "W" appended to the course number.

2. Elliott School Introductory Requirements

Code	Title	Credits
Introductory requirements (22 credits)		
Required		
IAFF 1001 is not required for internal or external transfer students.		
IAFF 1001	First-Year Experience (fall of first year)	
IAFF 1005	Introduction to International Affairs (required in the first year)	
ECON 1011	Principles of Economics I	
ECON 1012	Principles of Economics II	
HIST 1011	World History from 1500 to Present	
PSC 1001	Introduction to Comparative Politics	

One of the following introductory anthropology or geography courses:

ANTH 1002	Sociocultural Anthropology
ANTH 1004	Language in Culture and Society
GEOG 1001	Introduction to Human Geography
GEOG 1003	Society and Environment *

*GEOG 1003 does not meet the prerequisite requirement for all upper-level geography courses.

One additional course from the University General Education "Critical Thinking in the Humanities" course list or from the GPAC "Creative or Critical Thinking in the Arts" course list.

3. Major Requirements

In addition to the University General Education Requirements and Elliott School Introductory Requirements, Elliott School students must complete the Major Requirements for their individual major:

- BA in International Affairs (<https://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/#majorrequirements>)
- BS in International Affairs (<https://bulletin.gwu.edu/international-affairs/undergraduate-programs/bs-international-affairs/#majorrequirements>)
- BA in Asian Studies (<https://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-asian-studies/#majorrequirements>)
- BA in Latin American and Hemispheric Studies (<https://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-latin-american-hemispheric-studies/#majorrequirements>)
- BA in Middle East Studies (<https://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-middle-east-studies/#majorrequirements>)

MAJOR REQUIREMENTS

If you are an Elliott School student who started at GW before Fall 2024, you are following a different version of the curriculum. Please find your degree requirements in the archived Bulletin (<https://bulletin.gwu.edu/archives/>) for your matriculation year.

Students pursuing the BS in International Affairs program as a second major must complete all of the major requirements listed below, including any prerequisites for these courses. These requirements are taken in addition to the requirements for the student's primary major, which typically includes completion of the University General Education requirement and other requirements specific to the primary major. Students are encouraged to talk with their home school's academic advisor for more information about their primary major requirements.

The following requirements must be fulfilled for the bachelor of science in international affairs program:

The general requirements stated under Elliott School of International Affairs, General Requirements (<https://bulletin.gwu.edu/international-affairs/undergraduate-programs/bs-international-affairs/#generalrequirements>).

A minimum of 120 credits, including completion of 9-credit specialization.

BS in international affairs major requirements

The BS in international affairs major requirements enable students to continue building their breadth of understanding in international affairs while simultaneously developing their STEM-related analytical skills. With many course options for several of the requirements, students can also personalize their learning. In addition, students gain a broader understanding of at least two world regions or countries outside of the United States.

A minimum grade of C- must be earned in all international affairs major requirements listed below.

Courses cannot be double counted within the international affairs major requirements.

The BA in International Affairs and BS in International Affairs programs cannot be combined as double majors, nor as double degrees.

The BS in international affairs major requirements are divided into the following areas. Course options for each are listed below.

- Quantitative research methods (3 credits)
- Two regional foundations courses, with each course taken in a different region (6 credits)
- International economics (3 credits)
- Historical analysis: U.S. foreign policy (3 credits)
- Upper-level international and comparative politics (3 credits)
- Upper-level anthropology or geography (3 credits)
- Third year language proficiency (credits vary)
- BSIA analytical core (12 credits)
- Specialization (9 credits)

Code	Title	Credits
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Quantitative research methods (3 credits)

One course pertaining to quantitative social science research methods, computer programming, or other quantitative competencies, from the following.

APSC 3115	Engineering Analysis III
CSCI 1012	Introduction to Programming with Python
DATS 1001	Data Science for All

DNSC 1001	Business Analytics I: Statistics for Descriptive and Predictive Analytics *
DNSC 2001	Business Analytics II: Predictive and Prescriptive Analytics **
ECON 2123	Introduction to Econometrics
or STAT 2123	Introduction to Econometrics
GEOG 2104	Introduction to Cartography and GIS
IAFF 2102	Quantitative Methods in International Affairs
ISTM 3119	Introduction to Programming
PSC 2101	Scope and Methods of Political Science
PUBH 2142	Introduction to Biostatistics for Public Health
SOC 2102	Techniques of Data Analysis
STAT 1051	Introduction to Business and Economic Statistics *
STAT 1053	Introduction to Statistics in Social Science *
STAT 1111	Business and Economic Statistics I *
STAT 1127	Statistics for the Biological Sciences *
STAT 1129	Introduction to Computing
STAT 2112	Business and Economic Statistics II **
STAT 2118	Regression Analysis
STAT 2123	Introduction to Econometrics
or ECON 2123	Introduction to Econometrics
STAT 2183W	Intermediate Statistical Laboratory: Statistical Computing Packages
STAT 4157	Introduction to Mathematical Statistics I

*Credit for only one of the following courses may be applied toward an Elliott School undergraduate degree: DNSC 1001, STAT 1051, STAT 1053, STAT 1111, or STAT 1127.

**Credit for only one of the following courses may be applied toward an Elliott School undergraduate degree: DNSC 2001 or STAT 2112.

Code	Title	Credits
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International economics (3 credits)

One of the three courses below pertaining to international economic theories and policies. Students with a specialization in International Economics must take ECON 2181 and ECON 2182. ECON 2181 will count towards the major requirements and ECON 2182 will count towards the International Economics specialization. If you are specializing in International Economics, do not take ECON 2180.

ECON 2180	Survey of International Economics	
ECON 2181	International Trade Theory and Policy	
ECON 2182	International Macroeconomic Theory and Policy	

Code	Title	Credits
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Historical analysis: U.S. foreign policy (3 credits)

One of the following courses pertaining to the history of the U.S. approach to contemporary international affairs:

HIST 2340W	U.S. Diplomatic History	
HIST 3045	International History of the Cold War	
HIST 2710	The United States in the World	

Code	Title	Credits
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Upper-level international and comparative politics (3 credits)

One of the following upper-level courses pertaining to international political issues or comparative politics, including politics in a particular country or region, taught from a political science perspective:

HONR 2047	Self and Society Seminar (Empires and Imperialism from Rome to Washington)	
HONR 2047	Self and Society Seminar (Humanitarianism. Same as IAFF 3190 and PSC 2454: Humanitarianism)	
HONR 2047	Self and Society Seminar (Reunification, Reconciliation, Resentment. Same as PSC 2993: Reunification, Reconciliation, Resentment)	
HONR 2047	Self and Society Seminar (Transitional Justice)	
IAFF 2201W	Women in Global Politics	
IAFF 2202W	Critical Issues in U.S.-Asia Relations	

IAFF 2444	International Law
or PSC 2444	Public International Law
IAFF 3172	Conflict and Conflict Resolution
IAFF 3180W	Special Topics in Security Policy (Security Policy and Qualitative Analysis)
IAFF 3185	Special Topics in European and Eurasian Studies (Nationalism in Eurasia)
IAFF 3186	Special Topics in Asian Studies (Comparative Politics in Southeast Asia)
IAFF 3188	Special Topics in Middle East Studies (Iran in the Middle East)
IAFF 3190	Special Topics in International Affairs (Congress and National Security Enterprise)
IAFF 3190	Special Topics in International Affairs (Populist Authoritarianism)
IAFF 3190	Special Topics in International Affairs (Humanitarianism)
IAFF 3190	Special Topics in International Affairs (Women, Rights, and Gender Equality)
IAFF 3206	Global Governance
IAFF 3753	International Relations of South Asia
IAFF 3754	U.S.-China Relations
IAFF 4191W	Research and Writing Seminar (Security Policy and Qualitative Analysis. Same as IAFF 3180W: Security Policy and Qualitative Analysis)
PSC 2109	Global Justice
PSC 2330	Comparative Politics of Western Europe
PSC 2331	Comparative Politics of Central and Eastern Europe
PSC 2332	European Integration
PSC 2334	Global Perspectives on Democracy
PSC 2336	State–Society Relations in the Developing World
PSC 2337	Development Politics
PSC 2338	Nationalism
PSC 2339	Comparative Political Economy
PSC 2366	Russian Politics

PSC 2368	Politics in the Two Koreas
PSC 2371	Politics and Foreign Policy of China
PSC 2377	Comparative Politics of the Middle East
PSC 2381	Comparative Politics of Sub-Saharan Africa
PSC 2383	Comparative Politics of Latin America
PSC 2439	International Political Economy
PSC 2440	Theories of International Politics
PSC 2442	International Organizations
PSC 2444	Public International Law
or IAFF 2444	International Law
PSC 2446	U.S. Foreign Policy
PSC 2449	International Security Politics
PSC 2454	Humanitarianism (Same as HONR 2047 and IAFF 3190: Humanitarianism)
PSC 2455	Global Governance
PSC 2475	International Relations of East Asia
PSC 2476	The Arab-Israeli Conflict
PSC 2478	International Relations of the Middle East
PSC 2482	African International Politics
PSC 2991	Special Topics in Political Thought (Global Justice)
PSC 2993	Special Topics in Comparative Politics (all topics under IAFF 2993 are approved for this requirement)
PSC 2994	Special Topics in International Relations (Comparative Politics of Central and Eastern Europe)
PSC 3192W	Proseminar: Political Science (British Politics)
PSC 3192W	Proseminar: Political Science (Ethics in World Politics)
PSC 3192W	Proseminar: Political Science (Politics of Water)
PSC 3192W	Proseminar: Political Science (Political Violence)

Code	Title	Credits
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Upper-level anthropology or geography (3 credits)

One of the following courses in anthropology or geography relevant to international affairs. Many of these courses have lower-level prerequisites as detailed in course descriptions in this Bulletin.

ANTH 2501	The Anthropology of Gender: Cross-Cultural Perspectives	
ANTH 2506 or REL 2506	Religion, Myth, and Magic	
ANTH 3501 or IAFF 3501	Anthropology of Development International Development Theory, Policy, and Practice	
ANTH 3503	Psychological Anthropology	
ANTH 3504	Illness, Healing, and Culture	
ANTH 3506	Politics, Ethnicity, and Nationalism	
ANTH 3507	Kinship, Family, and Community	
ANTH 3513 or IAFF 3513	Anthropology of Human Rights Human Rights and Ethics	
ANTH 3601	Language, Culture, and Cognition	
ANTH 3991	Special Topics (Politics of Infrastructure)	
IAFF 3501 or ANTH 3501	International Development Theory, Policy, and Practice Anthropology of Development	
IAFF 3513 or ANTH 3513	Human Rights and Ethics Anthropology of Human Rights	
GEOG 2120	World Regional Geography	
GEOG 2127	Population Geography	
GEOG 2129W	Biogeography	
GEOG 2133	People, Land, and Food	
GEOG 2134	Energy Resources	
GEOG 2136	Water Resources	
GEOG 2141	Cities in the Developing World	
GEOG 2147	Military Geography	
GEOG 2148	Economic Geography	

GEOG 3143 or GEOG 3143W	Urban Sustainability Urban Sustainability	
GEOG 3145	Cultural Geography	
GEOG 3146	Political Geography	
GEOG 3195	Special Topics in Human Geography (Agriculture and Sustainable Food Systems)	
GEOG 3195	Special Topics in Human Geography (Geography of Development)	
GEOG 3195	Special Topics in Human Geography (topic: Global Environmental Justice. Same as IAFF 3190: Global Environmental Justice)	
GEOG 3195	Special Topics in Human Geography (Political Ecology)	
GEOG 3275	Sustainable Food Systems	
GEOG 3810	Planning Cities	
IAFF 3190	Special Topics in International Affairs (Global Environmental Justice. Same as GEOG 3195: Global Environmental Justice)	
REL 2506 or ANTH 2506	Religion, Myth, and Magic Religion, Myth, and Magic	
SLHS 1084	Perspectives in Deaf Culture	

Regional foundations

(6 Credits)

Students in the BS in international affairs program take one course from two of the regions listed below (for a total of two courses) to gain an understanding of two regions or countries of the world outside of the United States. These courses are typically offered as IAFF, ANTH, ECON, GEOG, HIST and PSC; address the contemporary era (post World War II); can be focused on single or multiple countries in a region; and must be taken from two different regions.

Code	Title	Credits
Africa		
ANTH 3708	Anthropology of Africa	
GEOG 3164	The Geography of Africa	
HIST 3530	Women in Africa	
IAFF 2093	Africa: Problems and Prospects	

IAFF 2190W	Special Topics (North Africa and the World) *	IAFF 3186	Special Topics in Asian Studies (Economic Development of East Asia)
IAFF 3189	Special Topics in African Studies (Africa Declassified)	IAFF 3186	Special Topics in Asian Studies (Economic Lessons from East Asia)
IAFF 3189	Special Topics in African Studies (Africa and Globalization: Culture and Context)	IAFF 3186	Special Topics in Asian Studies (Indo-Pacific Security Challenges)
IAFF 3189	Special Topics in African Studies (African Literature and Politics)	IAFF 3186	Special Topics in Asian Studies (South Asian Politics Via Literature and Film)
IAFF 3189	Special Topics in African Studies (Africa in the Global Economy)	IAFF 3186	Special Topics in Asian Studies (Women in Asia)
IAFF 3189	Special Topics in African Studies (Ethnic and Religious Conflict in Africa)	IAFF 3752W	Equitable Development in Southeast Asia
IAFF 3189	Special Topics in African Studies (International Affairs in Africa)	IAFF 3753	International Relations of South Asia
IAFF 3189	Special Topics in African Studies (Women and Leadership in Africa)	IAFF 3756	Christianity and Islam in East Asia
PSC 2381	Comparative Politics of Sub-Saharan Africa	PSC 2368	Politics in the Two Koreas
PSC 2482	African International Politics	PSC 2371	Politics and Foreign Policy of China
*IAFF 2190W (North Africa and the World) is not approved as a regional foundations course for students in the Middle East Studies program due to the degree of overlap between issues in North Africa and the Middle East.		PSC 2374	Politics and Foreign Policy of Japan
Asia		PSC 2373	Comparative Politics of Southeast Asia
(Students in the BA in Asian studies program must fulfill the regional foundations requirement using a course focused in a world region other than Asia.)		Europe and Eurasia	
ANTH 3704	Cultures of Southeast Asia	GEOG 3197	Special Topics in Regional Geography (Geography of Russia and Its Neighbors)
ECON 2169	Introduction to the Economy of China	HIST 1121	The War of Ideas in European and International History, 1750-Present
GEOG 3165	Geography of South Asia	HIST 2125	Twentieth-Century Europe
HIST 3615	History of Chinese Communism	HIST 3101	Topics: Europe (All sections of HIST 3101 are approved for this requirement.)
HIST 3621	History of Modern Japan	HIST 3168	Divided and United Germany Since 1945
HIST 3631	History of Modern Korea	IAFF 2092	Russia and Eastern Europe: An Introduction
HIST 3640	History of Southeast Asia	IAFF 2094	Europe in Transition
IAFF 2091	East Asia-Past and Present	IAFF 3185	Special Topics in European and Eurasian Studies (Nationalism in Eurasia)
IAFF 3186	Special Topics in Asian Studies (Asian Order and Community Building)	IAFF 3185	Special Topics in European and Eurasian Studies (The West and Russia)
IAFF 3186	Special Topics in Asian Studies (Central Asia Security)	IAFF 3185	Special Topics in European and Eurasian Studies (Ukraine and Georgia between Russia and the West)
IAFF 3186	Special Topics in Asian Studies (Comparative Politics in Southeast Asia)	IAFF 3185	Special Topics in European and Eurasian Studies (Ukrainian Security)

IAFF 3190	Special Topics in International Affairs (European Economies and Crisis of Integration)	IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Feminist Movements in Latin America)
PSC 2330	Comparative Politics of Western Europe	IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Geography of Latin America)
PSC 2331	Comparative Politics of Central and Eastern Europe	IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Latin America Geopolitics and Geoeconomy)
PSC 2332	European Integration	IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Latin American Migration)
PSC 2366	Russian Politics	IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Racial and Ethnic Politics of Latin America)
PSC 2994	Special Topics in International Relations (International Politics of Central and Eastern Europe)	IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Security in the Americas)
PSC 3192W	Proseminar: Political Science (British Politics)	IAFF 3191W	Populism and Regime Change in Latin America
Latin America		IAFF 3855	Argentina in Global Context
(Students in the BA in Latin American and hemispheric studies program must fulfill the regional foundations requirement using a course focused in a world region other than Latin America.)		PSC 2383	Comparative Politics of Latin America
ANTH 3702	Anthropology of Latin America	PSC 2993	Special Topics in Comparative Politics (Democratic Experiments in Latin America)
ANTH 3791	Topics in Regional Anthropology (Anthropology of the Caribbean)	SPAN 3200	Bilingualism in the Spanish-Speaking World
GEOG 3161	Geography of Latin America	Middle East	
HIST 3701	Topics in Latin American History (Democracy in Latin America)	(Students in the BA in Middle East studies program must fulfill the regional foundations requirement using a course focused in a world region other than the Middle East.)	
HIST 3701	Topics in Latin American History (Violence, Drugs, and Democracy in Latin America)	ANTH 3707	Anthropology of the Middle East
HIST 3710	History of Latin America I	GEOG 3154	Geography of the Middle East and North Africa
HIST 3711	History of Latin America II	HIST 3801	Topics in Middle Eastern History (The Middle East Since WWII)
IAFF 2090	Latin America: Problems and Promise	HIST 3810	History of the Middle East to 1800
IAFF 3177	Political Economy of Latin America	HIST 3825	Land and Power in Israel/Palestine
IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Cuba in the Global Arena)	IAFF 2095	The Middle East in International Affairs
IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Democracy in Latin America)	IAFF 2190W	Special Topics (Arab Politics)
IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Democracy Under Siege in Latin America)	IAFF 2190W	Special Topics (North Africa and the World)
IAFF 3187	Special Topics in Latin American and Hemispheric Studies (Economic and Social Development of Latin America)	IAFF 2190W	Special Topics (Politics and Culture in the Middle East)

IAFF 2190W	Special Topics (Turkey and Its Neighbors)
IAFF 3188	Special Topics in Middle East Studies (Iran in the Middle East)
IAFF 3188	Special Topics in Middle East Studies (National Security Lab Middle East)
IAFF 3188	Special Topics in Middle East Studies (The Middle East Since WWII)
IAFF 3352	Israeli and Palestinian Peacebuilding
PSC 2377	Comparative Politics of the Middle East
PSC 2476	The Arab-Israeli Conflict
or PSC 2476W	The Arab-Israeli Conflict
PSC 2478	International Relations of the Middle East
PSC 2993	Special Topics in Comparative Politics (Political Violence in the Middle East)

BSIA analytical core (12 credits)

At least four STEM-related courses at the 2000-level or above. These courses must include scientific or quantitative reasoning or analysis, and must be approved by the student's Elliott School academic advisor. MATH 1232 (<https://bulletin.gwu.edu/search/?P=MATH%201232>), CSCI 1112 (<https://bulletin.gwu.edu/search/?P=CSCI%201112>), CSCI 1311 (<https://bulletin.gwu.edu/search/?P=CSCI%201311>), and STAT 1129 (<https://bulletin.gwu.edu/search/?P=STAT%201129>) may count toward this requirement.

Students can choose from the below list of courses that are currently approved for the BSIA Advanced STEM requirement, or they can meet this requirement using coursework from a STEM-related minor or second major.

The following minors have been identified as providing knowledge and skills that closely inform the study of international affairs, and the coursework required for these minors is generally compatible with the requirements for the BS STEM requirement (i.e., the coursework for the minor can be counted toward the BS STEM requirement). It is generally recommended for BS STEM coursework to be structured around a coherent theme or analytical approach, and pursuing a minor is a good way to achieve this coherence. Please consult your academic advisor for questions about how coursework in these minors can fit within your program of study.

If you choose to complete this requirement using self-selected courses from the list below, you can check to see if a course has been reviewed but not approved on the BSIA webpage (<https://elliott.gwu.edu/bachelor-science-international-affairs-curriculum/>). If you are interested in taking a course for the STEM requirement that is not on this list, please submit a Course Substitution Request (<https://form.jotform.us/ESIA/course-substitution-request/>) to have the course reviewed.

RECOMMENDED MINORS:

- Data Science (<https://bulletin.gwu.edu/arts-sciences/data-science/minor/>)
- Economics (<https://bulletin.gwu.edu/arts-sciences/economics/minor/>)
- Geographic Information Systems (<https://bulletin.gwu.edu/arts-sciences/geography/minor-geographic-information-systems/>)
- Public Health (<https://bulletin.gwu.edu/public-health/undergraduate-programs/minor-public-health/>)

OTHER OPTIONS FOR MINORS:

- Accountancy (<https://bulletin.gwu.edu/business/accountancy/minor/>)
- Computer Science (<https://bulletin.gwu.edu/engineering-applied-science/computer-science/minor/>)
- Statistics (<https://bulletin.gwu.edu/arts-sciences/statistics/minor/>)

Code	Title	Credits
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BS analytical core courses (12 credits)

ACCY 2001	Introduction to Financial Accounting	
ACCY 2002	Introductory Managerial Accounting	
ACCY 3106	Financial Statement Analysis	
ANAT 2130	Human Embryology	
ANAT 2160	Human Functional Neuroanatomy	
APSC 2057	Analytical Mechanics I	
APSC 2058	Analytical Mechanics II	
BADM 3501	Financial Management and Markets	
BADM 3601	Operations Management	
BIOC 3261	Introductory Medical Biochemistry	
BIOC 3262	Biochemistry Laboratory	
BISC 2207	Genetics	
BISC 2213	Biology of Cancer	
BISC 2214	Developmental Biology	
BISC 2220	Developmental Neurobiology	
BISC 2320	Neural Circuits and Behavior	
BISC 2339	Parasitology	
BISC 2450	Organic Evolution	
BISC 2452 & BISC 2453	Animal Behavior and Animal Behavior Laboratory	

BISC 2454 & BISC 2456	General Ecology and General Ecology Laboratory
BISC 3209	Molecular Biology
BISC 3261	Introductory Medical Biochemistry
BISC 3262	Biochemistry Laboratory
BISC 3458 & BISC 3453	Plant Comparative Structure and Function and Plant Comparative Structure and Function Lab
BISC 3460 or BISC 3460W	Conservation Biology Conservation Biology
CE 2220	Introduction to the Mechanics of Solids
CHEM 2085	Environmental Chemistry
CHEM 2122	Introductory Quantitative Analysis
CHEM 2123 or CHEM 2123W	Introductory Quantitative Analysis Laboratory Introductory Quantitative Analysis Laboratory
CHEM 2151	Organic Chemistry I
CHEM 2152	Organic Chemistry II
CHEM 2153	Organic Chemistry Laboratory I
CHEM 2154	Organic Chemistry Laboratory II
CHEM 3140	Geochemistry
CHEM 3165	Biochemistry I
CHEM 3166 or CHEM 3166W	Biochemistry II Biochemistry II
CHEM 3170	Introduction to Physical Chemistry
CHEM 3171	Physical Chemistry I
CHEM 3172	Physical Chemistry II
CHEM 3173	Physical Chemistry Laboratory
CHEM 3262	Biochemistry Laboratory
CHEM 3564	Lipid Biotechnology
CHEM 4113	Chemical Instrumentation
CHEM 4122	Instrumental Analytical Chemistry
CHEM 4123	Instrumental Analytical Chemistry Laboratory

CHEM 4134 Inorganic Chemistry

Note: The following CSCI courses are restricted to Computer Science majors and minors only. Unless you are pursuing a double major or minor with Computer Science, you may be restricted from enrolling in these courses.

CSCI 1112	Algorithms and Data Structures
CSCI 1311	Discrete Structures I
CSCI 2113	Software Engineering
CSCI 2312	Discrete Structures II
CSCI 2441	Database Systems and Team Projects
CSCI 2461	Computer Architecture I
CSCI 3212	Algorithms
CSCI 3313	Foundations of Computing
CSCI 3362	Probability for Computer Science
CSCI 3410	Systems Programming
CSCI 3411	Operating Systems
CSCI 3462	Computer Architecture II
CSCI 3571	Introduction to Bioinformatics
CSCI 4223	Principles of Programming Languages
CSCI 4235	Development of Open-Source Software
CSCI 4237	Software Design for Handheld Devices
CSCI 4243	Capstone Design Project I
CSCI 4244	Capstone Design Project II
CSCI 4331	Cryptography
CSCI 4341	Continuous Algorithms
CSCI 4342	Computational Linear Algebra and Applications
CSCI 4364	Machine Learning
CSCI 4415	Real-Time and Embedded Systems
CSCI 4431	Computer Networks I
CSCI 4455	Computer Game Design and Programming
CSCI 4511	Artificial Intelligence Algorithms
CSCI 4521	Introduction to Mobile Robotics
CSCI 4525	Autonomous Robotics: Manipulation

CSCI 4527	Introduction to Computer Vision	EMSE 4572	Exploratory Data Analysis
CSCI 4531	Computer Security	EMSE 4701	Optimization in Operations Research
CSCI 4541	Network Security	FINA 3001	Intermediate Finance
CSCI 4551	Concepts and Applications of Computer Graphics	FINA 3101	Investment and Portfolio Management
CSCI 4552	Design of Computer Animation I	FINA 3201	Exploring Finance with Simulation
CSCI 4553	Design of Computer Animation II	FINA 3301	Money and Capital Markets
CSCI 4554	Computer Graphics I	FINA 4001	Advanced Financial Management
CSCI 4561	Design of User-Interface Programs	FINA 4101	Applied Financial Securities Analysis
CSCI 4572	Computational Biology	FINA 4201	Real Estate Investment
CSCI 4576	Introduction to Biomedical Computing	FINA 4301	Financial Derivatives
CSCI 4577	Biomedical Computing	FINA 4900	Special Topics (Applied Financial Security Analysis: Fixed Income)
DNSC 2001	Business Analytics II: Predictive and Prescriptive Analytics	FINA 4900	Special Topics (Financial Models with Python)
DNSC 4211	Programming for Analytics	GEOG 2104	Introduction to Cartography and GIS
DNSC 4219	Forecasting Analytics	GEOG 2129	Biogeography
DNSC 4279	Data Mining	GEOG 3105	Techniques of Spatial Analysis
ECON 2101	Intermediate Microeconomic Theory	GEOG 3106	Intermediate Geographic Information Systems
ECON 2102	Intermediate Macroeconomic Theory	GEOG 3107	Introduction to Remote Sensing
ECON 2103	Intermediate Microeconomic Theory: A Mathematical Approach	GEOG 3128	Geomorphology and Natural Hazards
ECON 2104	Intermediate Macroeconomic Theory: A Mathematical Approach	GEOG 3196	Special Topics in Techniques (Geographic Information Systems III)
ECON 2121	Financial Economics	GEOG 4307	Digital Image Processing and Analysis
ECON 2123	Introduction to Econometrics	GEOG 4308	Programming for Geospatial Applications I
ECON 2151	Economic Development	GEOG 4309	GIS for Emergency Management
ECON 2167	Economics of Crime	GEOG 4311	Open Source Solutions for Geospatial Project Management
ECON 3142	Labor Economics	GEOG 6293	Special Topics (Open Source Geospatial Programming)
ECON 3162	Public Finance: Taxation	GEOG 6305	Geospatial Statistics
ECON 3191	Game Theory	GEOL 3128 & GEOL 3129	Sedimentology and Stratigraphy and Sedimentology and Stratigraphy Lab
ECON 3199	Advanced Topics in Economics (Economics Network of Industries)	ISTM 3119	Introduction to Programming
EHS 2107	Theory and Practice of Research in a Clinical Setting	ISTM 4205	Web Applications Development
EMSE 4571	Introduction to Programming for Analytics		

ISTM 4212	Data Management for Analytics	PHYS 2023	Modern Physics
ISTM 4214	Foundations of Artificial Intelligence	PHYS 2151	Intermediate Laboratory I: Techniques and Methods
ISTM 4216	Mobile Application Development	PHYS 2152	Intermediate Laboratory II: Instrumentation
ISTM 4217	Internet of Things Management	PHYS 2183	Computational Modern Physics
MAE 2131	Thermodynamics	PHYS 3127	Biophysics: Macroscopic Physics in the Life Sciences
MATH 1232	Single-Variable Calculus II	PHYS 3128	Biophysics: Microscopic Physics in the Life Sciences
MATH 2184	Linear Algebra I	PHYS 3161	Mechanics
MATH 2185	Comprehensive Introduction to Linear Algebra	PHYS 3163	Physical and Quantum Optics
MATH 2233	Multivariable Calculus	PHYS 3164	Thermal and Statistical Physics
MATH 2971	Introduction to Mathematical Reasoning	PHYS 3165	Electromagnetic Theory I
or MATH 2971W	Introduction to Mathematical Reasoning	PHYS 3166	Electromagnetic Theory II
MATH 3120	Elementary Number Theory	PHYS 3167	Principles of Quantum Physics
MATH 3125	Linear Algebra II	PHYS 3181	Computational Physics
MATH 3257	Introduction to Complex Variables	PHYS 4170	Solid-State Physics
MATH 3342	Ordinary Differential Equations	PHYS 4175	Nuclear Physics
MATH 3343	Partial Differential Equations	PSC 2101	Scope and Methods of Political Science
MATH 3359	Introduction to Mathematical Modeling	PSC 2102	Visualizing and Modeling Politics
MATH 3410	Mathematics of Finance	PSYC 2101	Research Methods in Psychology
MATH 3411	Stochastic Calculus Methods in Finance	PSYC 4106W	Research Lab in Sensation and Perception
MATH 3553	Introduction to Numerical Analysis	PSYC 4107W	Research Lab in Cognitive Neuroscience
MATH 3613	Introduction to Combinatorics	PSYC 4201W	Research Lab in Clinical/Community Psychology
MATH 3632	Introduction to Graph Theory	PSYC 4203W	Research Lab in Developmental Psychology
MATH 3710	Introduction to Mathematical Logic	PUBH 2110	Public Health Biology
MATH 3720	Axiomatic Set Theory	PUBH 3131	Epidemiology (Measuring Health and Disease)
MATH 3730	Computability Theory	PUBH 3201	Introduction to Bioinformatics
MATH 3740	Computational Complexity	PUBH 3202	Introduction to Genomics
MATH 3806	Introduction to Topology	STAT 2112	Business and Economic Statistics II
MATH 3848	Differential Geometry	STAT 2118	Regression Analysis
MATH 4121	Introduction to Abstract Algebra I	STAT 2123	Introduction to Econometrics
MATH 4122	Introduction to Abstract Algebra II		
MATH 4239	Real Analysis I		
MATH 4240	Real Analysis II		

STAT 2183	Intermediate Statistics Lab/Packages
or STAT 2183W	Intermediate Statistical Laboratory: Statistical Computing Packages
STAT 3119	Design and Analysis of Experiments
STAT 3187	Introduction to Sampling
or STAT 3187W	Introduction to Sampling
STAT 4157	Introduction to Mathematical Statistics I
STAT 4158	Introduction to Mathematical Statistics II
STAT 4181	Applied Time Series Analysis
STAT 4188	Nonparametric Statistics Inference
STAT 4189	Mathematical Probability and Applications I
STAT 4190	Mathematical Probability and Applications II
STAT 4197	Fundamentals of SAS Programming for Data Management

Specialization (9 credits)

Students in the BS in international affairs program must complete either a functional or regional specialization, which are listed below. To fulfill the specialization requirement, students complete at least three courses (9 credits) related to their chosen functional or regional theme.

- Specialization consist of at least three courses (9 credits) relating to the functional or regional themes below.
- Specializations must be declared no later than the end of the second semester of the student's sophomore year by completing the appropriate form on the Elliott School Academic Advising (<https://elliott.gwu.edu/forms-undergraduate-students/>) website.
- All BS in international affairs specializations must total at least 9 credits. Students may choose to complete an additional 6 credits and earn a full 15-credit concentration.
- Students in the BS in international affairs program cannot pursue more than three specializations.
- Students in the BS in international affairs program can choose to pursue a concentration instead of a specialization; however, they cannot pursue a combination of both a specialization and a concentration. Students should discuss this option with their academic advisor.

To explore specializations options, see course lists below and additional information on the Elliott School website. (<https://elliott.gwu.edu/bachelor-arts-international-affairs-curriculum/>)

Functional specializations

- Comparative Political, Economic, and Social Systems (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/comparative-political-economic-social-systems/>)
- Conflict Resolution (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/conflict-resolution/>)
- Contemporary Cultures and Societies (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/contemporary-cultures-and-societies/>)
- Gender in International Affairs (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/gender-international-affairs/>)
- Global Public Health (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/global-public-health/>)
- Individualized (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/individualized/>)
- International Development (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-development/>)
- International Economics (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-economics/>)
- International Environmental Studies (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-environmental-studies/>)
- International Politics (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-politics/>)
- Security Policy (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/security-policy/>)

Regional specializations

- Africa (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/africa/>)
- Asia (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/asia/>)
- Europe and Eurasia (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/europe-and-eurasia/>)
- Latin America (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/latin-america/>)
- Middle East (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/middle-east/>)

Electives

In consultation with an academic advisor, students complement their required coursework with elective courses to fulfill remaining credit hour requirements.

Language requirement

Students must demonstrate third-year proficiency in a modern language by examination or coursework. If taking coursework, students can satisfy the language requirement by taking a course that is equivalent to third-year proficiency, or by taking a course beyond the third year which has a listed prerequisite of the second semester of the third year. Please note that the language placement exam determines the level at which students begin their language study. Additional information regarding the Elliott School language examinations is available from the Elliott School academic advising office and the ESIA Undergraduate Language Proficiency webpage (<https://elliott.gwu.edu/undergraduate-language-proficiency-exam-process/>). This requirement is satisfied automatically for students who were required to take the TOEFL or IELTS examination as part of GW's admissions process.

Code	Title	Credits
Arabic		
Option one:		
ARAB 1001	Beginning Arabic I	
ARAB 1002	Beginning Arabic II	
ARAB 2001	Intermediate Arabic I	
ARAB 2002	Intermediate Arabic II	
ARAB 3001	Advanced Arabic	
and one course from the following:		
ARAB 3105	Special Topics (Arabic and Social Media)	
ARAB 3105	Special Topics (Islamic Political Thought)	
ARAB 3301	Modern Arabic Literature	
ARAB 3302	Media Arabic	
ARAB 3311	Business Arabic	
Or		
Option two:		
ARAB 1201	Intensive Elementary Arabic I	
ARAB 1202	Intensive Elementary Arabic II	
ARAB 2201	Intensive Intermediate Arabic	
ARAB 3201	Intensive Advanced Arabic: Mass Media	

Code	Title	Credits
Chinese		
One of the following options for beginning Chinese:		
Option one:		
CHIN 1001 & CHIN 1002	Beginning Chinese I and Beginning Chinese II	
Option two:		
CHIN 1011	Intensive Beginning Chinese	
And the following courses:		
CHIN 2003	Intermediate Chinese I	
CHIN 2004	Intermediate Chinese II	
CHIN 3105	Intermediate Chinese III	
CHIN 3106	Intermediate Chinese IV	
Code		
Title		
Credits		
French		
FREN 1001	Basic French I	
FREN 1002	Basic French II	
FREN 1003	Intermediate French I	
FREN 1004	Intermediate French II	
FREN 2005	Language, Culture, and Society I	
FREN 2006	Language, Culture, and Society II	
Code		
Title		
Credits		
German		
Option one:		
GER 1001	First-Year German I	
GER 1002	First-Year German II	
GER 1003	Second-Year German I	
GER 1004	Second-Year German II	
and one of the following sequences:		
GER 2009 & GER 2010	Intermediate German I and Intermediate German II	
GER 2101 & GER 2102	Readings in Contemporary German I and Readings in Contemporary German II	

Or

Option two:

GER 1005 Intensive Beginning German I

GER 1006 Intensive Beginning German II

and one of the following sequences:

GER 2009 Intermediate German I
& GER 2010 and Intermediate German II

GER 2101 Readings in Contemporary German I
& GER 2102 and Readings in Contemporary German II

Code	Title	Credits
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Hebrew

HEBR 1001 Beginning Hebrew I

HEBR 1002 Beginning Hebrew II

HEBR 2001 Intermediate Hebrew I

HEBR 2002 Intermediate Hebrew II

HEBR 3001 Hebrew Conversation and Writing

and one course from the following:

HEBR 3301 Modern Hebrew Fiction

HEBR 3302 The Israeli Media

Code	Title	Credits
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Italian

ITAL 1001 Basic Italian I

ITAL 1002 Basic Italian II

ITAL 1003 Intermediate Italian I

ITAL 1004 Intermediate Italian II

ITAL 2005 Language, Culture, and Society I

ITAL 2006 Language, Culture, and Society II

Code	Title	Credits
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Japanese

One of the following options for beginning Japanese:

Option one:

JAPN 1001 Beginning Japanese I
& JAPN 1002 and Beginning Japanese II

Option two:

JAPN 1005 Intensive Beginning Japanese

And the following courses:

JAPN 2003 Intermediate Japanese I

JAPN 2004 Intermediate Japanese II

JAPN 3105 Intermediate Japanese III

JAPN 3106 Intermediate Japanese IV

Code	Title	Credits
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Korean

KOR 1001 Beginning Korean I

KOR 1002 Beginning Korean II

KOR 2003 Intermediate Korean I

KOR 2004 Intermediate Korean II

KOR 3105 Intermediate Korean III

KOR 3106 Intermediate Korean IV

Code	Title	Credits
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Persian

PERS 1001 Beginning Persian I

PERS 1002 Beginning Persian II

PERS 2001 Intermediate Persian I

PERS 2002 Intermediate Persian II

PERS 3001 Advanced Persian

PERS 3002 Media Persian

or PERS 3002W Media Persian

Code	Title	Credits
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Russian

Option one:

SLAV 1001 First-Year Russian I

SLAV 1002 First-Year Russian II

SLAV 1003	Second-Year Russian I
SLAV 1004	Second-Year Russian II

and one of the following sequences:

SLAV 2005 & SLAV 2006	Intermediate Russian I and Intermediate Russian II
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SLAV 1013 & SLAV 1014	Russian for Heritage Speakers I and Russian for Heritage Speakers II
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SLAV 2015 & SLAV 2016	Readings in the Russian Press I and Readings in the Russian Press II
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Or

Option two:

SLAV 1012	Intensive Basic Russian I
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SLAV 1034	Intensive Basic Russian II
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and one of the following sequences:

SLAV 2005 & SLAV 2006	Intermediate Russian I and Intermediate Russian II
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SLAV 1013 & SLAV 1014	Russian for Heritage Speakers I and Russian for Heritage Speakers II
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SLAV 2015 & SLAV 2016	Readings in the Russian Press I and Readings in the Russian Press II
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Code	Title	Credits
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Spanish

Option one:

SPAN 1001	Elementary Spanish I
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SPAN 1002	Elementary Spanish II
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SPAN 1013	Intermediate Spanish I: the Spanish-Speaking World
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SPAN 1014	Intermediate Spanish II: the Spanish-speaking world
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SPAN 2005	Advanced Spanish I
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SPAN 2006	Advanced Spanish II
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or

Option two:

SPAN 1012	Intensive Elementary Spanish: the Spanish-speaking world
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SPAN 1034	Intensive Intermediate Spanish
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SPAN 2056 Intensive Advanced Spanish through Sustainability Literacy

AREAS OF FOCUS

Areas of Focus

All students in the BA in international affairs program must complete either a functional or regional concentration (15 credits), which are listed below under areas of focus.

Students in the BS in international affairs program must complete either a specialization (9 credits) or a full concentration (15 credits) in one of these area of focus with approval of the academic advisor or program director. Students should consult the major requirements page for their respective major for additional information about the specialization or concentration policies.

Students must declare an area of focus no later than the end of the second semester of their sophomore year by completing the declaration form (<https://elliott.gwu.edu/forms-undergraduate-students/>). Except for WID courses, courses may not be double counted between any international affairs requirements. A minimum grade of C- must be earned in all focus area courses.

Functional areas of focus

- Comparative Political, Economic, and Social Systems (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/comparative-political-economic-social-systems/>)
- Conflict Resolution (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/conflict-resolution/>)
- Contemporary Cultures and Societies (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/contemporary-cultures-and-societies/>)
- Gender in International Affairs (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/gender-international-affairs/>)
- Global Public Health (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/global-public-health/>)
- Individualized (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/individualized/>)
- International Development (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-development/>)
- International Economics (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-economics/>)
- International Environmental Studies (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-environmental-studies/>)

- International Politics (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/international-politics/>)
- Security Policy (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/security-policy/>)

Regional areas of focus

- Africa (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/africa/>)
- Asia (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/asia/>)
- Europe and Eurasia (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/europe-and-eurasia/>)
- Individualized (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/individualized/>)
- Latin America (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/latin-america/>)
- Middle East (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/middle-east/>)