

# Mathematics and Political Science, BS (Boston)

The Mathematics and Political Science combined major provides training to prepare students to use quantitative training and methods to understand political trends and events.

## Program Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified and complete any additional courses needed beyond specific college and major requirements to satisfy graduation credit requirements.

## Universitywide Requirements

All undergraduate students are required to complete the Universitywide Requirements (<https://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/>).

## NUpath Requirements

All undergraduate students are required to complete the NUpath Requirements (<https://catalog.northeastern.edu/undergraduate/university-academics/nupath/>).

## Mathematics Requirements

Code	Title	Hours
<b>Problem Solving</b>		
MATH 1365	Introduction to Mathematical Reasoning	4
<b>Calculus</b>		
MATH 1341	Calculus 1 for Science and Engineering	4
MATH 1342	Calculus 2 for Science and Engineering	4
MATH 2321	Calculus 3 for Science and Engineering	4
<b>Intermediate and Advanced Mathematics</b>		
MATH 2341	Differential Equations and Linear Algebra for Engineering	4
MATH 2331	Linear Algebra	4
MATH 3081	Probability and Statistics	4
<b>Math Electives</b>		
Complete two courses in the following range that are not required in the requirements above:		8
MATH 3001 to MATH 5999		

## Political Science Requirements

Code	Title	Hours
<b>Political Science Required Courses</b>		
POLS 1150	American Government	4
POLS 1155	Comparative Politics	4
POLS 1160	International Relations	4
POLS 2399	Research Methods in Political Science	4
POLS 2400	Quantitative Techniques	4
<b>Political Thought</b>		
Complete one of the following:		4
POLS 2325	Ancient Philosophy and Political Thought	
POLS 2328	Modern Political Thought	
POLS 2330	American Political Thought	
POLS 2332	Contemporary Political Thought	

## Political Science Electives

*Note: Elective courses may also fulfill requirements of an optional concentration of this program.*

Complete three POLS courses numbered 2000 and above.

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## Political Science Concentrations (Optional)

If you are working toward one of the following concentrations, declare it with your advisor so that it may be added to your record. Requirements for the concentrations are listed below.

- American Political Institutions (p. 2)
- Campaigns and Elections (p. 3)
- Comparative Politics (p. 3)
- Identity, Culture, and Politics (p. 3)
- International Relations and Diplomacy (p. 3)
- Law and Legal Studies (p. 4)
- Public Policy (p. 4)
- Security Studies (p. 4)

Integrative Requirement

Code	Title	Hours
POLS 2390	Science, Technology, and Public Policy	4

Supporting Courses

Code	Title	Hours
Introduction to College		
INSC 1000	Science at Northeastern	1
or POLS 1000	Political Science at Northeastern	
Experiential Learning Introduction		
EESC 2000	Professional Development for Co-op	1
or EESH 2000	Professional Development for Co-op	
Writing Requirement		
ENGW 1111	First-Year Writing	4
or ENGW 1102	First-Year Writing for Multilingual Writers	
or ENGW 1113	First-Year Writing Innovation Seminar	
or ENGW 1114	First-Year Writing with Service-Learning	
ENGW 3315	Interdisciplinary Advanced Writing in the Disciplines	4
or ENGW 3307	Advanced Writing in the Sciences	
or ENGW 3308	Advanced Writing in the Social Sciences	

NUPath Requirements

The following NUPath Requirements are met by the major:

- Analyzing and Using Data (AD)
- Conducting Formal and Quantitative Reasoning (FQ)
- Demonstrating Thought and Action in a Capstone (CE)
- Understanding Societies and Institutions (SI)

Other NUPath requirements may be fulfilled by electives in the program.

Mathematics and Political Science Combined-Major Credit Requirement

Complete 68 semester hours in the major.

Science GPA Requirement (Mathematics)

A minimum 2.000 GPA in the following course codes is required: MATH.

Program Requirement

128 total semester hours required

Optional Political Science Concentrations

CONCENTRATION IN AMERICAN POLITICAL INSTITUTIONS

Code	Title	Hours
Complete four of the following:		
POLS 3160	Campaign Strategy	16
POLS 3300	The U.S. Congress	

POLS 3302	Judicial Process and Behavior
POLS 3307	Public Policy and Administration
POLS 3310	Public Opinion, Voting, and Elections

**CONCENTRATION IN CAMPAIGNS AND ELECTIONS**

Code	Title	Hours
<b>Required Courses</b>		
POLS 3160	Campaign Strategy	4
POLS 3302	Judicial Process and Behavior	4
<b>Campaigns and Elections Electives</b>		
Complete two of the following:		8
POLS 2345	Urban Policies and Politics	
POLS 3310	Public Opinion, Voting, and Elections	
POLS 3320	Politics and Mass Media	

**CONCENTRATION IN COMPARATIVE POLITICS**

Code	Title	Hours
<b>Theoretical Requirement</b>		
Complete two of the following:		8
POLS 2282	The Holocaust and Comparative Genocide	
POLS 2356	Democratic Erosion	
POLS 2359	Immigration Politics	
POLS 2370	Religion and Politics	
POLS 3418	Nationalism	
POLS 3430	Revolution, Civil War, and Insurrection	
POLS 3487	Politics of Developing Nations	
<b>Regional Requirements</b>		
Complete one of the following:		4
POLS 3435	Politics and Governance of Europe and the European Union	
POLS 3465	Government and Politics in the Middle East	
<b>Experiential/Practicum Requirement</b>		
Complete one of the following:		4
POLS 4915	Model Arab League	
POLS 4918	Model NATO	
POLS 4937	Dialogue of Civilizations: Government and Politics Abroad	

**CONCENTRATION IN IDENTITY, CULTURE, AND POLITICS**

Code	Title	Hours
<b>Core Course</b>		
POLS 3418	Nationalism	4
<b>Electives</b>		
Complete three of the following:		12
POLS 2359	Immigration Politics	
POLS 2368	Music and Politics in America and Abroad	
POLS 2370	Religion and Politics	
POLS 3309	Lesbian, Gay, Bisexual, and Transgender Issues in Public Policy	
POLS 3324	Law and Society	

**CONCENTRATION IN INTERNATIONAL RELATIONS AND DIPLOMACY**

Code	Title	Hours
<b>Experiential/Practicum Requirement</b>		
Complete one of the following:		4
POLS 4910	Model United Nations	
POLS 4915	Model Arab League	

POLS 4938	Dialogue of Civilizations: International Politics Abroad
<b>Core Courses</b>	
Complete three of the following:	
POLS 3405	International Political Economy
POLS 3406	International Law
POLS 3435	Politics and Governance of Europe and the European Union
POLS 5408	International Security

CONCENTRATION IN LAW AND LEGAL STUDIES

<b>Code</b>	<b>Title</b>	<b>Hours</b>
Complete four of the following:		16
POLS 2330	American Political Thought	
POLS 3300	The U.S. Congress	
POLS 3302	Judicial Process and Behavior	
POLS 3324	Law and Society	
POLS 3406	International Law	
POLS 4500	U.S. Constitutional Law	
POLS 4505	U.S. Civil Liberties	

CONCENTRATION IN PUBLIC POLICY

<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Core Requirement</b>		
POLS 3307	Public Policy and Administration	4
<b>Electives</b>		
Complete three of the following:		12
POLS 2345	Urban Policies and Politics	
POLS 2390	Science, Technology, and Public Policy	
POLS 2395	Environmental Politics and Policy	
POLS 3425	U.S. Foreign Policy	

CONCENTRATION IN SECURITY STUDIES

<b>Code</b>	<b>Title</b>	<b>Hours</b>
Complete four of the following:		16
POLS 3420	U.S. National Security Policy	
POLS 3423	Terrorism and Counterterrorism	
POLS 3425	U.S. Foreign Policy	
POLS 3430	Revolution, Civil War, and Insurrection	
POLS 3487	Politics of Developing Nations	
POLS 5408	International Security	

Plan of Study  
Sample Plan of Study  
FOUR YEARS, TWO CO-OPS

Year 1							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
POLS 1155		4 POLS 1150		4 Elective		4 Vacation	
ENGW 1111		4 POLS Political Thought Course		4 Elective		4	
MATH 1365		4 MATH 1342		4			
MATH 1341		4 Elective		4			
16		16		8		0	
Year 2							
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
POLS 1160		4 POLS 2399		4 Co-op		0 Co-op	0

