

# Computer Science and Political Science, BS

The computer science and political science combined major offers both a strong computer science foundation and a deep understanding of global and societal needs. You will become an engaged citizen of the world, participating in interdisciplinary scholarship and translational research to address regional and global issues.

## 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 (<http://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements/>).

## NUPath Requirements

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

## Computer Science Courses

Code	Title	Hours
<b>Computer Science Overview</b>		
CS 1200 or POLS 1000	First Year Seminar Political Science at Northeastern	1
CS 1210 or EESH 2000	Professional Development for Khoury Co-op Professional Development for Co-op	1
<b>Computer Science Fundamental Courses</b>		
CS 1800 and CS 1802	Discrete Structures and Seminar for CS 1800	5
CS 2500 and CS 2501	Fundamentals of Computer Science 1 and Lab for CS 2500	5
CS 2510 and CS 2511	Fundamentals of Computer Science 2 and Lab for CS 2510	5
<b>Computer Science Required Courses</b>		
CS 3000	Algorithms and Data	4
CS 3200	Database Design	4
CS 3500 and CS 3501	Object-Oriented Design and Lab for CS 3500	5
IS 2000	Principles of Information Science	4
<b>Khoury Elective Courses</b>		
With adviser approval, directed study, research, project study, and appropriate graduate-level courses may also be taken as upper-division electives.		
Complete 12 credits of upper-division CS, CY, DS, or IS courses that are not already required. Choose courses within the following ranges:		12
CS 2500 or higher, except CS 5010		
CY 2000 or higher, except CY 4930		
DS 2500 or higher, except DS 4900		
IS 2000 or higher, except IS 4900		

## Political Science Courses

Code	Title	Hours
<b>Political Science Requirements</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

**Political Theory**

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 Capstone**

POLS 4701	Political Science Senior Capstone	4
-----------	-----------------------------------	---

**Political Science Electives**

Complete four courses in the following range:		16
POLS 2000 to POLS 5999		

**Political Science Concentrations (Optional)**

If you are working toward one of the following concentrations, declare it with your adviser so that it may be added to your record.

- American Political Institutions (p. 3)
- Campaigns and Elections (p. 3)
- Comparative Politics (p. 4)
- Identity, Culture, and Politics (p. 4)
- International Relations and Diplomacy (p. 4)
- Law and Legal Studies (p. 4)
- Public Policy (p. 5)
- Security Studies (p. 5)

**Integrative Requirement**

Code	Title	Hours
<b>Integrative Requirement</b>		
Complete one of the following:		4
POLS 2390	Science, Technology, and Public Policy	
POLS 3405	International Political Economy	
POLS 3406	International Law	
POLS 3408	International Security	

**Supporting Courses**

Code	Title	Hours
Complete one of the following:		4
AFAM 2600	Issues in Race, Science, and Technology	
CY 4170	The Law, Ethics, and Policy of Data and Digital Technologies	
CY 5240	Cyberlaw: Privacy, Ethics, and Digital Rights	
ENGL 2150	Literature and Digital Diversity	
HIST 2220	History of Technology	
INSH 2102	Bostonography: The City through Data, Texts, Maps, and Networks	
IS 1300 or PHIL 1300	Knowledge in a Digital World	
PHIL 1145	Technology and Human Values	
SOCL 1280	The Twenty-First-Century Workplace	
SOCL 2485	Environment, Technology, and Society	
SOCL 4528	Computers and Society	

**Computer Science Writing Requirement**

Code	Title	Hours
<b>College Writing</b>		
ENGW 1111 or ENGW 1102	First-Year Writing	4
	First-Year Writing for Multilingual Writers	

**Advanced Writing in the Disciplines**

Complete one of the following:		4
ENGW 3302	Advanced Writing in the Technical Professions	
ENGW 3308	Advanced Writing in the Social Sciences	
ENGW 3311	Advanced Writing for Prelaw	
ENGW 3315	Interdisciplinary Advanced Writing in the Disciplines	

## Required General Electives

Code	Title	Hours
Complete 28 credits of general electives.		28

## Khoury College GPA Requirement

Minimum 2.000 GPA required in all CS, CY, DS, and IS courses

## Computer Science and Political Science Major Credit Requirement

100 semester hours required in the major

## NUpath Requirements Satisfied

- Engaging with the Natural and Designed World
- Conducting Formal and Quantitative Reasoning
- Analyzing and Using Data
- Writing in the First Year
- Writing-Intensive in the Major
- Advanced Writing in the Disciplines
- Demonstrating Thought and Action in a Capstone

Integrating Knowledge and Skills Through Experience is satisfied through co-op.

## Program Requirement

133 total semester hours required

### CONCENTRATION IN AMERICAN POLITICAL INSTITUTIONS

Code	Title	Hours
Complete four of the following:		16
POLS 2350	State and Local Politics	
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	
POLS 3160	Campaign Strategy	

### CONCENTRATION IN CAMPAIGNS AND ELECTIONS

Code	Title	Hours
<b>Required Courses</b>		
POLS 3160	Campaign Strategy	4
POLS 3302	Judicial Process and Behavior	4

#### Campaigns and Elections Electives

If POLS 4947 was replaced by a co-op or internship, an additional elective must be taken.

Complete two of the following:		8
POLS 2345	Urban Policies and Politics	
POLS 2350	State and Local Politics	
POLS 2355	Intergovernmental Relations	
POLS 3310	Public Opinion, Voting, and Elections	
POLS 3320	Politics and Mass Media	
POLS 3304	Presidential Nominating Process	

**CONCENTRATION IN COMPARATIVE POLITICS**

Code	Title	Hours
<b>Theoretical Requirement</b>		
Complete one of the following:		4
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 two of the following:		8
POLS 3435	Politics and Governance of Europe and the European Union	
POLS 3465	Government and Politics in the Middle East	
POLS 3470	Arab-Israeli Conflict	
<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 2375	Gender 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:		12
POLS 3405	International Political Economy	
POLS 3406	International Law	
POLS 3408	International Security	
POLS 3435	Politics and Governance of Europe and the European Union	
POLS 3470	Arab-Israeli Conflict	

**CONCENTRATION IN LAW AND LEGAL STUDIES**

Code	Title	Hours
Complete four of the following:		16
POLS 2330	American Political Thought	
POLS 3300	The U.S. Congress	
POLS 3302	Judicial Process and Behavior	
POLS 3323	Race, Inequality, and the Law	

or AFAM 3323	Race, Inequality, and the Law
POLS 3324	Law and Society
POLS 3406	International Law
POLS 3409	Global Governance
POLS 4500	U.S. Constitutional Law
POLS 4505	U.S. Civil Liberties

**CONCENTRATION IN PUBLIC POLICY**

Code	Title	Hours
<b>Core Requirement</b>		
POLS 3307	Public Policy and Administration	4
<b>Electives</b>		
Complete three of the following:		12
POLS 2340	Business and Government	
POLS 2345	Urban Policies and Politics	
POLS 2350	State and Local Politics	
POLS 2357	Growth and Decline of Cities and Suburbs	
POLS 2390	Science, Technology, and Public Policy	
POLS 2395	Environmental Politics and Policy	
POLS 3425	U.S. Foreign Policy	

**CONCENTRATION IN SECURITY STUDIES**

Code	Title	Hours
Complete four of the following:		
POLS 3408	International Security	
or POLS 5408	International Security	
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 3470	Arab-Israeli Conflict	
POLS 3487	Politics of Developing Nations	

**Plan of Study**

**Sample Plan of Study:**

**Four Year, Two Co-ops in Summer 2/Fall**

Year 1								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
CS 1200		1 CS 2510 and CS 2511		5 CS 3200		4 Vacation		
CS 1800 and CS 1802		5 IS 2000		4 CS 3500 and CS 3501		5		
CS 2500 and CS 2501		5 ENGW 1111		4				
POLS 1150 and POLS 1151		4 POLS 1160		4				
POLS 1155 and POLS 1156		4						
		19			17			9
								0
Year 2								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
CS 3000		4 CS 1210		1 ENGW 3302, 3308, 3311, or 3315		4 Co-op		
POLS 2399		4 Khoury elective 1		4 Elective		4		

6 Computer Science and Political Science, BS

POLS theory elective	4	POLS 2400	4				
Elective	4	POLS elective 1	4				
		Elective	4				
	16		17		8		0

**Year 3**

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op		Khoury elective 2		4 Elective		4 Co-op	
		POLS elective 2		4 Elective		4	
		POLS elective 3		4			
		Computing and social issues requirement		4			
	0		16		8		0

**Year 4**

Fall	Hours	Spring	Hours	Summer 1	Hours
Co-op		Khoury elective 3		4	
		POLS 4701		4 Elective	4
		POLS elective 4		4 Elective	4
		POLS integrative requirement		4	
	0		16		8

Total Hours: 134