

Computer Science and Political Science, BS (Boston)

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 (<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/>).

Computer Science Courses

Code	Title	Hours
Computer Science Overview		
Must be taken in alignment with your home college:		
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
Computer Science Fundamental Courses		
All students can take a self-assessment to attempt to place out of CS 2000 and CS 2001. Students who place out of CS 2000 and CS 2001 will instead substitute 4-5 semester hours of CS, CY, or DS coursework at the 3000 level or higher not otherwise required in the degree.		
CS 1800 and CS 1802	Discrete Structures and Seminar for CS 1800	5
CS 2000 and CS 2001	Introduction to Program Design and Implementation and Lab for CS 2000	5
CS 2100 and CS 2101	Program Design and Implementation 1 and Lab for CS 2100	5
Computer Science Required Courses		
CS 3000	Algorithms and Data	4
CS 3100 and CS 3101	Program Design and Implementation 2 and Lab for CS 3100	5
CS 3200	Introduction to Databases	4
CS 4530 or CS 4535	Fundamentals of Software Engineering Professional Practicum Capstone	4
Khoury Approved Electives		
With advisor approval, directed study, research, project study, and appropriate graduate-level courses may also be taken as upper-division electives.		
Complete 12 semester hours from within the following options:		12
CS 2500 or higher, except CS 5010		
CY 2000 or higher, except CY 4930		
DS 2500 or higher, except DS 4900		
MKTG 4606	Digital, Analytics, Technology, and Automation Research Practicum	

Political Science Courses

Code	Title	Hours
Political Science Requirements		
POLS 1150	American Government	4

2 Computer Science and Political Science, BS (Boston)

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
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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 advisor so that it may be added to your record.

- American Political Institutions (p. 3)
- Campaigns and Elections (p. 3)
- Comparative Politics (p. 3)
- 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
Integrative Requirement		
Complete one of the following:		4
POLS 2390	Science, Technology, and Public Policy	
POLS 3405	International Political Economy	
POLS 3406	International Law	

Computing and Social Issues

Code	Title	Hours
Complete one of the following:		4
AFCs 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	
DS 1300	Knowledge in a Digital World	
or PHIL 1300	Knowledge in a Digital World	
HIST 2220	History of Technology	
INSH 2102	Bostonography: The City through Data, Texts, Maps, and Networks	
JRNL 3700	Data Storytelling	
PHIL 1145	Technology and Human Values	
SOCL 1280	The Twenty-First-Century Workplace	
SOCL 2485	Environment, Technology, and Society	

Computer Science Writing Requirement

Code	Title	Hours
College Writing		
ENGW 1111	First-Year Writing	4

or ENGW 1102	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 semester hours of general electives.		28

Khoury College GPA Requirement

A minimum cumulative 2.000 GPA is 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 3160	Campaign Strategy	
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
Required Courses		
POLS 3160	Campaign Strategy	4
POLS 3302	Judicial Process and Behavior	4
Campaigns and Elections Electives		
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
Theoretical Requirement		
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

Regional Requirements

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

Experiential/Practicum Requirement

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
Core Course		
POLS 3418	Nationalism	4

Electives

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
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Experiential/Practicum Requirement

Complete one of the following: 4

POLS 4910	Model United Nations
POLS 4915	Model Arab League
POLS 4938	Dialogue of Civilizations: International Politics Abroad

Core Courses

Complete three of the following: 12

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

Code	Title	Hours
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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

Code	Title	Hours
Core Requirement		
POLS 3307	Public Policy and Administration	4
Electives		
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

Code	Title	Hours
Complete four of the following:		
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 Plans of Study****FOUR YEARS, TWO CO-OPS IN SPRING/SUMMER FIRST HALF****Year 1**

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1200 or POLS 1000		1 CS 2100 and CS 2101		5 CS 3100 and CS 3101		5 General Elective	4
CS 1800 and CS 1802		5 POLS 1155		4 General Elective		4 General Elective	4
CS 2000 and CS 2001		5 POLS 1160		4			
ENGW 1111		4 General Elective		4			
POLS 1150		4					
	19		17		9		8

Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1210 or EESH 2000		1 Co-op		0 Co-op		0 General Elective	4
CS 3000		4				General Elective	4
CS 3200		4					
POLS 2399		4					
POLS Thought Elective		4					
	17		0		0		8

Year 3

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
POLS 2400		4 Co-op		0 Co-op		0 ENGW 3302, 3308, 3311, or 3315	4
Khoury Elective 1		4				General Elective	4
POLS Elective 1		4					
POLS Elective 2		4					
	16		0		0		8

Year 4

Fall	Hours	Spring	Hours
Computing and Social Issues	4	CS 4530 or 4535	4
Khoury Elective 2	4	POLS 4701	4
POLS Elective 3	4	Khoury Elective 3	4
POLS Integrative Requirement	4	POLS Elective	4
	16		16

Total Hours: 134**FOUR YEARS, TWO CO-OPS IN SUMMER SECOND HALF/FALL****Year 1**

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1200 or POLS 1000	1	CS 2100 and CS 2101	5	CS 3000	4	General Elective	4
CS 1800 and CS 1802	5	POLS 1155	4	General Elective	4	General Elective	4
CS 2000 and CS 2001	5	POLS 1160	4				
ENGW 1111	4	General Elective	4				
POLS 1150	4						
	19		17		8		8

Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 3100 and CS 3101	5	CS 1210 or EESC 2000	1	General Elective	4	Co-op	0
CS 3200	4	POLS 2400	4	General Elective	4		
POLS 2399	4	Khoury Elective 1	4				
POLS Thought Elective	4	POLS Elective 1	4				
		POLS Elective 2	4				
	17		17		8		0

Year 3

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
Co-op	0	Computing and Social Issues	4	ENGW 3302, 3308, 3311, or 3315	4	Co-op	0
		Khoury Elective 2	4	General Elective	4		
		POLS Elective 3	4				
		POLS Integrative Requirement	4				
	0		16		8		0

Year 4

Fall	Hours	Spring	Hours
Co-op	0	CS 4530 or 4535	4
		POLS 4701	4
		Khoury Elective 3	4
		POLS Elective 4	4
	0		16

Total Hours: 134