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

- Concentrations and course offerings may vary by campus and/or by program modality. Please consult with your advisor or admissions coach for the course availability each term at your campus or within your program modality.
- Certain options within the program may be *required* at certain campuses or for certain program modalities. Please consult with your advisor or admissions coach for requirements at your campus or for your program modality.

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	First Year Seminar	1
or POLS 1000	Political Science at Northeastern	
CS 1210	Professional Development for Khoury Co-op	1
or EESH 2000	Professional Development for Co-op	
Computer Science Fundamental Courses		
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
Computer Science Required Courses		
CS 3000	Algorithms and Data	4
CS 3200	Introduction to Databases	4
CS 3500 and CS 3501	Object-Oriented Design and Lab for CS 3500	5
IS 2000	Principles of Information Science	4
Khoury Elective Courses		
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 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
Political Science Requirements		
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 advisor 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. 5)
- 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	
HIST 2220	History of Technology	
INSH 2102	Bostonography: The City through Data, Texts, Maps, and Networks	
IS 1300	Knowledge in a Digital World	
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	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 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
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 2350	State and Local Politics
POLS 3162	
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
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
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	
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
Core Requirement		
POLS 3307	Public Policy and Administration	4
Electives		
Complete three of the following:		12
POLS 2345	Urban Policies and Politics	
POLS 2350	State and Local 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:		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 IN SPRING/SUMMER 1

Year 1

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1200 or POLS 1000	1	CS 2510 and CS 2511	5	CS 3500 and CS 3501	5	Elective	4
CS 1800 and CS 1802	5	IS 2000	4	Elective	4	Elective	4
CS 2500 and CS 2501	5	POLS 1155	4				
ENGW 1111	4	POLS 1160	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	Elective	4
CS 3000	4					Elective	4
CS 3200	4						

	Hours		Hours		Hours		Hours
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					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	POLS 4701	4
Khoury elective 2	4	Khoury elective 3	4
POLS elective 3	4	POLS elective 4	4
POLS integrative requirement	4	Elective	4
	16		**16**

Total Hours: 134

FOUR YEARS, TWO CO-OPS IN SUMMER 2/FALL

Year 1

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1200 or POLS 1000	1	CS 2510 and CS 2511	5	CS 3000	4	Elective	4
CS 1800 and CS 1802	5	IS 2000	4	Elective	4	Elective	4
CS 2500 and CS 2501	5	POLS 1155	4				
ENGW 1111	4	POLS 1160	4				
POLS 1150	4						
	19		**17**		**8**		**8**

Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 3200	4	CS 1210 or EESC 2000	1	Elective	4	Co-op	0
CS 3500 and CS 3501	5	POLS 2400	4	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	Elective	4		
		POLS elective 3	4				
		POLS integrative requirement	4				
	0		**16**		**8**		**0**

Year 4

Fall	Hours	Spring	Hours
Co-op	0	POLS 4701	4
		Khoury elective 3	4
		POLS elective 4	4
		Elective	4
	0		**16**

Total Hours: 134