

Computing and Law, BS

Overview

The Bachelor of Science in Computing and Law program is designed for Khoury students who anticipate working with lawyers, working in heavily regulated industries, or both. Offering knowledge and skills that are highly valued across technology professions, this major will also be helpful for students who are interested in law school.

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/>).

Core Requirements

Code	Title	Hours
Foundational Courses		
CS 1200	First Year Seminar	1
CS 1210	Professional Development for Khoury Co-op	1
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
Required Major Courses		
<i>Technology</i>		
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
CY 2550	Foundations of Cybersecurity	4
DS 3000	Foundations of Data Science	4
<i>Law</i>		
LAW 3101	Introduction to Legal Studies 1: Law and Legal Reasoning	4
LAW 3102	Introduction to Legal Studies 2: Statutes and Regulations	4
LAW 3130	Introduction to Negotiation and Advocacy	4
LAW 3140	Data Regulation and Compliance	4
LAW 3235	Issues in Law and Public Policy	4
Capstone		
Complete one of the following:		4
CS 4100	Artificial Intelligence	

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CS 4150	Game Artificial Intelligence
CS 4300	Computer Graphics
CS 4410	Compilers
CS 4550	Web Development
CS 4820	Computer-Aided Reasoning
CS 4991	Research
CY 4930	Cybersecurity Capstone
DS 4400	Machine Learning and Data Mining 1
DS 4420	Machine Learning and Data Mining 2

Law Electives

Complete a total of 12 semester hours: 12

If choosing a 3-semester-hour course, register for a 1-semester-hour course concurrently. No more than four 1-semester-hour courses may be applied to this requirement.

LAW 3150	Introduction to Law and Organizational Management
LAW 3160	Introduction to International Regulations and Business Strategies
LAW 3170	Introduction to Financial Transactions
LAW 3181	Introduction to Healthcare Compliance
LAW 3182	Introduction to Patient Records, Privacy, Security
LAW 3210	Introduction to Employee Rights and Employer Obligations
LAW 3211	Introduction to Antidiscrimination Law
LAW 3212	Introduction to Wages and Benefits
LAW 3232	Introduction to Intellectual Property and Media
LAW 3236	Introduction to Contract Drafting
LAW 3238	Introduction to Global Regulation of Artificial Intelligence
LAW 3239	Introduction to Sports Law, Business, and Society
LAW 3320	Introduction to Intellectual Property
LAW 3321	Introduction to Identifying and Securing Intellectual Property Rights
LAW 3800	Reflections on Law
LAW 3801	Writing on Legal issues
LAW 4335	Health Law and Policy
LAW 4369	Advanced Intellectual Property
LAW 4501	Patent Law and Practice
LAW 4525	Law and Economic Development
LAW 4600	Issues in Health Law and Policy
LAW 4640	Issues in Information Security Law
LAW 4664	Law and Inequality
LAW 4983	Special Topics in Law

Supporting Courses

Code	Title	Hours
Mathematics		
MATH 1341	Calculus 1 for Science and Engineering	4
Computing and Social Issues		
Complete one of the following:		4
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	

Integrative Coursework

Code	Title	Hours
CY 4170	The Law, Ethics, and Policy of Data and Digital Technologies	4
LAW 3120	Introduction to Law and Strategy	4

Writing Requirement

Code	Title	Hours
College Writing		
ENGW 1111	First-Year Writing	4
Advanced Writing in the Disciplines		
ENGW 3302 or ENGW 3315	Advanced Writing in the Technical Professions Interdisciplinary Advanced Writing in the Disciplines	4

Required General Electives

Code	Title	Hours
	Complete 36 semester hours of general electives.	36

Co-op Requirement

Code	Title	Hours
Complete one of the following:		
COOP 3945	Co-op Work Experience	
COOP 3948	Co-op Work Experience Abroad	

Khoury College GPA Requirement

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

Program Requirement

133 total semester hours required

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	Hours
CS 1200		1 CS 2510 and CS 2511		5 CS 3500 and CS 3501		5 General elective 3		4
CS 1800 and CS 1802		5 CY 2550		4 General elective 2		4 General elective 4		4
CS 2500 and CS 2501		5 MATH 1341		4				
ENGW 1111		4 Computing and social issues course		4				
General elective 1		4						
		19			17			9
8								
Year 2								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
CS 1210		1 Co-op		0 Co-op		0 General elective 5		4
CS 3000		4				General elective 6		4
DS 3000		4						
LAW 3101		4						
LAW 3102		4						
		17			0			0
8								
Year 3								
Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours	Hours
CS 3200		4 Co-op		0 Co-op		0 General elective 7		4
CY 4170		4				General elective 8		4
LAW 3130		4						

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LAW 3140	4				
	16		0		0
Year 4					
Fall	Hours	Spring	Hours		
ENGW 3302 or 3315	4	LAW 3120	4		
Khoury elective with capstone and WI	4	General elective 9	4		
LAW elective	4	LAW elective	4		
LAW 3235	4	LAW elective	4		
	16		16		

Total Hours: 134