

# Computing and Law, BS (Boston)

## 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

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
<b>Foundational Courses</b>		
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 SH of CS, CY, or DS coursework at the 3000 level or higher not otherwise required in the degree.		
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 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
<b>Required Major Courses</b>		
<i>Technology</i>		
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
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
<b>Capstone</b>		
Complete one of the following:		4
CS 4530	Fundamentals of Software Engineering	
CS 4535	Professional Practicum Capstone	
CY 4930	Cybersecurity Capstone	
DS 4400	Machine Learning and Data Mining 1	
DS 4420	Machine Learning and Data Mining 2	
<b>Law Electives</b>		

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
<b>Mathematics</b>		
MATH 1341	Calculus 1 for Science and Engineering	4
<b>Computing and Social Issues</b>		
Complete one of the following:		4
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	
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
<b>College Writing</b>		
ENGW 1111	First-Year Writing	4
<b>Advanced Writing in the Disciplines</b>		

ENGW 3302	Advanced Writing in the Technical Professions	4
or ENGW 3315	Interdisciplinary Advanced Writing in the Disciplines	

## 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 FIRST HALF

##### Year 1

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1200		1 CS 2100 and CS 2101		5 CS 3100 and CS 3101		5 General Elective	4
CS 1800 and CS 1802		5 MATH 1341		4 General Elective		4 General Elective	4
CS 2000 and CS 2001		5 Computing and Social Issues		4			
ENGW 1111		4 General Elective		4			
General Elective		4					
		19		17		9	8

##### Year 2

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
CS 1210		1 Co-op		0 Co-op		0 General Elective	4
CS 3000		4				General Elective	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
CS 3200		4 Co-op		0 Co-op		0 General Elective	4
CY 4170		4				General Elective	4
LAW 3130		4					
LAW 3140		4					
		16		0		0	8

##### Year 4

Fall	Hours	Spring	Hours
ENGW 3302 or 3315		4 LAW 3120	4
LAW 3235		4 CY 2550	4
Capstone		4 LAW Elective	4

LAW Elective	4	LAW Elective	4
	16		16

**Total Hours: 134**