The computer science and history combined major offers students the opportunity to gain both historical knowledge and a broad range of related analytical skills in both the humanities and computer science. You'll define a history course cluster according to a thematic principle, with a focus on quantitative analysis in the field, complementing your foundation in programming.

**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.

**University-Wide Requirements**
All undergraduate students are required to complete the University-Wide 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).

**Experiential Liberal Arts**
All undergraduate students in the College of Social Sciences and Humanities are required to complete the Experiential Liberal Arts Requirement (http://catalog.northeastern.edu/undergraduate/social-sciences-humanities/#ela).

**Computer Science Courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1200</td>
<td>Leadership Skill Development</td>
<td>1</td>
</tr>
<tr>
<td>CS 1210</td>
<td>Professional Development for Khoury Co-op</td>
<td>1</td>
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**Computer Science Fundamental Courses**
A grade of C– or higher is required in all computer science fundamental courses except CS 1802:

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CS 1800</td>
<td>Discrete Structures and Seminar for CS 1800</td>
<td>5</td>
</tr>
<tr>
<td>CS 2500</td>
<td>Fundamentals of Computer Science 1 and Lab for CS 2500</td>
<td>5</td>
</tr>
<tr>
<td>CS 2510</td>
<td>Fundamentals of Computer Science 2 and Lab for CS 2510</td>
<td>5</td>
</tr>
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**Computer Science Required Courses**
Complete 16 credits of upper-division CS, CY, DS, or IS courses that are not already required. Choose courses within the following ranges:

- CS 2500 or higher, except CS 5010
- CY 2000 or higher, except CY 4930
- DS 2000 or higher, except DS 4900
- IS 2000 or higher, except IS 4900

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1200</td>
<td>Historical Research and Writing</td>
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<tr>
<td>HIST 1201</td>
<td>First-Year Seminar</td>
<td>4</td>
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<tr>
<td>HIST 2301</td>
<td>The History Seminar</td>
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<td>HIST 2302</td>
<td>Historical Writing</td>
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**History Courses**

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<th>Title</th>
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<tr>
<td>ASNS 1150</td>
<td>East Asian Studies</td>
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<tr>
<td>HIST 1120</td>
<td>Public History, Public Memory</td>
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<tr>
<td>HIST 1130</td>
<td>Introduction to the History of the United States</td>
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<tr>
<td>HIST 1170</td>
<td>Europe: Empires, Revolutions, Wars, and Their Aftermath</td>
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<tr>
<td>HIST 1180</td>
<td>African History</td>
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<tr>
<td>HIST 1185</td>
<td>Introduction to Middle Eastern History</td>
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<tr>
<td>HIST 1187</td>
<td>Introduction to Latin American History</td>
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<tr>
<td>HIST 1190</td>
<td>Picturing Modernity: The Photographic Image in Culture and Society</td>
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<tr>
<td>WMNS 1103</td>
<td>Introduction to Women’s, Gender, and Sexuality Studies</td>
<td></td>
</tr>
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Complete one course from the following:

- HIST 1218 Pirates, Planters, and Patriots: Making the Americas, 1492–1804
- HIST 1252 Japanese Literature and Culture
- HIST 1270 Ancient Greece
- HIST 1271 Ancient Rome
- HIST 1285 Introduction to Russian Civilization
- HIST 1389 History of Espionage 1: Antiquity to World War II
- HIST 2330 Colonial and Revolutionary America

Complete three intermediate/advanced-level courses:

- Select from any HIST course numbered 2303 or above.
- Complete one advanced-level course:

Select from any HIST course numbered 3000 or above.

**History Capstone Seminar or Senior Project**
Complete one capstone experience from the following:

- HIST 4701 Capstone Seminar

Public history concentrators may also select from the following:

- HIST 4903 Fieldwork in History 1
Computer Science and History, BS

**Integrative Course Requirement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>HIST 2211</td>
<td>The World Since 1945</td>
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</table>

**Supporting Courses**

**Research Methods**

Complete one course from the following: 4

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<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>ECON 2350</td>
<td>Statistics</td>
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</tr>
<tr>
<td>POLS 2400</td>
<td>Quantitative Techniques</td>
<td></td>
</tr>
<tr>
<td>PSYC 2320</td>
<td>Statistics in Psychological Research</td>
<td></td>
</tr>
<tr>
<td>SOCL 2320</td>
<td>Statistical Analysis in Sociology</td>
<td></td>
</tr>
<tr>
<td>ENV 3300</td>
<td>Geographic Information Systems</td>
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</tr>
<tr>
<td>ENV 5260</td>
<td>Geographical Information Systems</td>
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</tr>
</tbody>
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**Computing and Social Issues**

Complete one of the following: 4

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ANTH 3418</td>
<td>Wired/Unwired: Cybercultures and Technopolitics</td>
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<tr>
<td>EN 2150</td>
<td>Literature and Digital Diversity</td>
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<tr>
<td>CY 5240</td>
<td>Cyberlaw: Privacy, Ethics, and Digital Rights</td>
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</tr>
<tr>
<td>IN 2102</td>
<td>Bostonography: The City through Data, Texts, Maps, and Networks</td>
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<tr>
<td>PHIL 1145</td>
<td>Technology and Human Values</td>
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<tr>
<td>SOCL 1280</td>
<td>The Twenty-First-Century Workplace</td>
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<tr>
<td>SOCL 3485</td>
<td>Environment, Technology, and Society</td>
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<td>SOCL 4528</td>
<td>Computers and Society</td>
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**Computer Science Writing Requirement**

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<th>Hours</th>
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<tr>
<td>ENGW 1111</td>
<td>First-Year Writing</td>
<td>4</td>
</tr>
<tr>
<td>or ENGW 1102</td>
<td>First-Year Writing for Multilingual Writers</td>
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**Advanced Writing in the Disciplines**

This requirement is satisfied by HIST 2302 taken in conjunction with HIST 2301.

**Required General Electives**

Complete 32 credits of general electives. 32

**Khoury College GPA Requirement**

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

**Computer Science and History GPA/Credit Requirement**

Complete 98 semester hours in the major with a minimum 2.000 GPA

**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**

135 total semester hours required

**Plan of Study**

**Sample Patterns:**

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

**Year 1**

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
<th>Hours</th>
<th>Co-op</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1200</td>
<td>1</td>
<td>CS 2510</td>
<td>5</td>
<td>CS 3500</td>
<td>4</td>
<td>Vacation</td>
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<tr>
<td>CS 1800</td>
<td>5</td>
<td>IS 2000</td>
<td>4</td>
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<td>4</td>
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<tr>
<td>ENGW 1111</td>
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<td>Introductory history elective</td>
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**Year 2**

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<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
<th>Hours</th>
<th>Co-op</th>
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<tr>
<td>CS 3000</td>
<td>4</td>
<td>CS 1210</td>
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<td>Co-op</td>
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<td>HIST 2301</td>
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<td>Elective</td>
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<tr>
<td>History Pre-1800 elective</td>
<td>4 Intermediate history elective 1</td>
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**Year 3**

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<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Co-op</td>
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<td>Elective</td>
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<td>Co-op</td>
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<td>Computing and social issues</td>
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<tr>
<td>THTR 1170</td>
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**Year 4**

| Co-op         |       | Khoury elective 3 | 4     | Elective          | 4     |                   |       |       |

|                      |       |                 |       |                   |       |                   |       |       |
### Five Years, Three Co-ops in Spring/Summer 1

#### Year 1
<table>
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<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1200</td>
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<td>CS 2510 and CS 2511</td>
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<td>Vacation</td>
<td>Vacation</td>
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<tr>
<td>CS 1800 and CS 1802</td>
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<td>IS 2000</td>
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<td>ENGW 1111</td>
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<td>Introductory history elective</td>
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#### Year 2
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<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
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<tbody>
<tr>
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<td>Co-op</td>
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<tr>
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<td>CS 3500</td>
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#### Year 3
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<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
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<tbody>
<tr>
<td>History Pre-1800 elective</td>
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<td>Elective</td>
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#### Year 4
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<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
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<tbody>
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<td>Khoury elective 2</td>
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#### Year 5
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<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer 1</th>
<th>Hours</th>
<th>Summer 2</th>
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</thead>
<tbody>
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<td>Khoury elective 4</td>
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</tr>
<tr>
<td>Intermediate history elective 3</td>
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<td>Advanced history elective</td>
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</tr>
<tr>
<td>Elective</td>
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<td>History capstone seminar or senior project</td>
<td>4</td>
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<td>History integrative requirement</td>
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**Total Hours: 136**