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).

**Computer Science Courses**

**Computer Science Overview**
- **CS 1200**: Computer Science/Information Science Overview 1
- **CS 1210**: Computer Science/Information Science Overview 2: Co-op Preparation

**Computer Science Fundamental Courses**
- **CS 1800, CS 1802**: Discrete Structures and Seminar for CS 1800 or CS 1801: Recitation for CS 1800
- **CS 2500, CS 2501**: Fundamentals of Computer Science 1 and Lab for CS 2500
- **CS 2510, CS 2511**: Fundamentals of Computer Science 2 and Lab for CS 2510

**Computer Science Required Courses**
- **CS 3200**: Database Design
- **CS 3500**: Object-Oriented Design
- **CS 4800**: Algorithms and Data
- **IS 2000**: Principles of Information Science

**Presentation Requirement**
- **THTR 1170**: The Eloquent Presenter

**Computer Science Elective Courses**
Complete four upper-division computer science courses in the following ranges:
- **CS 2500** or higher, except **CS 5010**
- **IS 2000** or higher, except **IS 4900**
- **DS 2000** or higher, except **DS 4900**

**History Courses**

**History Required Courses**
- **HIST 1200**: Historical Research and Writing

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**History Electives**
Complete one introductory course from the following:
- **AFAM 1140**: Introduction to African-American History
- **ASNS 1150**: East Asian Studies
- **HIST 1110**: Introduction to World History
- **HIST 1120**: Public History, Public Memory
- **HIST 1130**: Introduction to the History of the United States
- **HIST 1170**: Europe: Empires, Revolutions, Wars, and Their Aftermath
- **HIST 1180**: African History
- **HIST 1185**: Introduction to Middle Eastern History
- **HIST 1187**: Introduction to Latin American History
- **HIST 1189**: Origins of Today: Historical Roots of Contemporary Issues
- **HIST 2232**: History of Boston
- **WMNS 1103**: Introduction to Women’s, Gender, and Sexuality Studies

Complete one course from the following:
- **AFRS 2390** or **HIST 2390**: Africa and the World in Early Times
- **AFRS 2391** or **HIST 2391**: Modern African Civilization
- **AFRS 2392**: African Diaspora
- **HIST 1252**: Japanese Literature and Culture
- **HIST 1270**: Ancient Greece
- **HIST 1271**: Ancient Rome
- **HIST 1285**: Introduction to Russian Civilization
- **HIST 2222**: History of Science and Technology
- **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
- **HIST 4911**: Senior Project 1
- **HIST 4912**: Senior Project 2

Public history concentrators may also select from the following:
- **HIST 4903**: Fieldwork in History 1
- **HIST 4904**: Fieldwork in History 2
Cluster Requirement

Note: Four of the six courses chosen as history electives must create a history cluster of related courses. The history cluster is subject to department approval.

Integrative Course Requirement

HIST 2211 The World Since 1945
or HIST 2241 History of Media in America

Supporting Courses

Research Methods
Complete one course from the following:

ECON 2350 Statistics
POL 2400 Quantitative Techniques
PSYC 2320 Statistics in Psychological Research
SOC 2320 Statistical Analysis in Sociology
ENVR 3300 Geographic Information Systems
ENVR 5260 Geographical Information Systems

Computing and Social Issues

Complete one of the following:

ANTH 3418 Wired/Unwired: Cybercultures and Technopolitics
IA 5240 Cyberlaw: Privacy, Ethics, and Digital Rights
INSH 2102 Bostonography: The City through Data, Texts, Maps, and Networks
PHIL 1145 Technology and Human Values
SOC 1280 The 21st-Century Workplace
SOC 3485 Environment, Technology, and Society
SOC 4528 Computers and Society

Computer Science Writing Requirement

College Writing
ENWG 1111 First-Year Writing
or ENWG 1102 First-Year Writing for Multilingual Writers

Advanced Writing in the Disciplines

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

Required General Electives

Complete eight general electives.

Major GPA Requirement

Minimum 2.000 GPA required in all CS 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

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Total Hours: 136

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

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