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

Computer Science Fundamental Courses
CS 1800 and CS 1802 Discrete Structures 5
    or Seminar for CS 1800
CS 2500 Fundamentals of Computer Science 1 5
    and Lab for CS 2500
CS 2510 Fundamentals of Computer Science 2 5
    and Lab for CS 2510

Computer Science Required Courses
CS 3200 Database Design 4
CS 3500 Object-Oriented Design 4
CS 4800 Algorithms and Data 4
IS 2000 Principles of Information Science 4

Presentation Requirement
THTR 1170 The Eloquent Presenter 1

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 1

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 Introduction to South Asian History
   HIST 1215 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 Africa and the World in Early Times
   or HIST 2390 Africa and the World in Early Times
   AFRS 2391 Modern African Civilization
   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
- POLS 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

ENGW 1111  First-Year Writing
or ENGW 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

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