## Computer Science and English, BS

The computer science and English combined major focuses on the increasingly interdisciplinary processes of creating, interpreting, and analyzing texts and programs. Students will combine communication and critical judgment, gaining the creativity and adaptability necessary to utilize technology in literary studies, and apply humanities skills to solve programming problems.

## 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 (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



[^0]With adviser approval, a directed study, project study, or appropriate graduate-level course may also be taken as an upper-
division elective.

Complete 4 credits of CS, CY, DS, or IS classes 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 2500 or higher, except DS 4900
IS 2000 or higher, except IS 4900

## English Requirements

| Code | Title |  |
| :--- | :--- | :--- |
| Foundational Courses |  | Hours |
| ENGL 1000 | English at Northeastern |  |
| ENGL 1400 | Introduction to Literary Studies | 4 |
| ENGL 1160 | Introduction to Rhetoric | 4 |
| or ENGL 1410 | Introduction to Research on Writing |  |
| ENGL 1700 | Global Literatures 1 | 4 |
| or ENGL 1701 | Global Literatures 2 |  |

## English Electives

Two of the courses chosen from the lists below must be at the 3000 or 4000 level.
Code Title Hours

Diversity

| ENGL 2150 | Literature and Digital Diversity |  |
| :---: | :---: | :---: |
| ENGL 2296 | Early African-American Literature |  |
| ENGL 2450 | Postcolonial Literature |  |
| ENGL 2455 | American Women Writers |  |
| ENGL 2470 | Asian-American Literature |  |
| ENGL 2760 | Writing in Global Contexts |  |
| ENGL 3663 | The African American Novel |  |
| ENGL 3678 | Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity |  |
| ENGL 3685 | Modern and Contemporary Jewish Literature |  |
| Literary Periods |  |  |
| Pre-19th Century Literature |  |  |
| Complete one course from the following: |  | 4 |
| ENGL 1600 | Introduction to Shakespeare |  |
| ENGL 2296 | Early African-American Literature |  |
| ENGL 3101 | Early Literatures |  |
| ENGL 3120 | 17th- and 18th-Century Literatures |  |
| ENGL 3618 | Milton |  |
| ENGL 3678 | Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity |  |
| or JWSS 3678 | Bedrooms and Battlefields: Hebrew Bible and the Origins of Sex, Gender, and Ethnicity |  |

19th/20th/21st Century Literature
Complete one of the following courses: 4
19th Century
ENGL 2330 The American Renaissance
ENGL 3140 19th-Century Literatures
ENGL 3619 Emerson and Thoreau
ENGL 3720 19th-Century Major Figure
20th/21st Century
ENGL 2301 The Graphic Novel

ENGL 2440 The Modern Bestseller

| ENGL 2600 | Irish Literary Culture (Abroad) |  |
| :---: | :---: | :---: |
| ENGL 3161 | 20th- and 21 st-Century Literatures |  |
| ENGL 3685 or JWSS 3685 | Modern and Contemporary Jewish Literature Modern and Contemporary Jewish Literature |  |
| ENGL 3730 | 20th- and 21 st-Century Major Figure |  |
| Theories and Methods |  |  |
| Complete one of the following: |  | 4 |
| ENGL 1140 | Grammar. The Architecture of English |  |
| ENGL 1160 | Introduction to Rhetoric |  |
| ENGL 1410 | Introduction to Research on Writing |  |
| ENGL 2150 | Literature and Digital Diversity |  |
| ENGL 3325 | Rhetoric of Law |  |
| ENGL 3381 | The Practice and Theory of Teaching Writing |  |
| ENGL 3400 | Opening the Archive |  |
| ENGL 3700 | Narrative Medicine |  |
| LING 1150 | Introduction to Language and Linguistics |  |
| LING 2350 | Linguistic Analysis |  |
| LING 3450 | Syntax |  |
| LING 3452 | Semantics |  |
| LING 3454 | History of English |  |
| LING 3456 | Language and Gender |  |
| LING 3458 | Topics in Linguistics |  |
| Comparative Course |  |  |
| Complete one of the following courses: |  | 4 |
| ENGL 1450 | Reading and Writing in the Digital Age |  |
| ENGL 1500 | British Literature to 1800 |  |
| ENGL 1502 | American Literature to 1865 |  |
| ENGL 2150 | Literature and Digital Diversity |  |
| ENGL 2420 | Contemporary Poetry |  |
| ENGL 2430 | Contemporary Fiction |  |
| ENGL 2455 | American Women Writers |  |
| ENGL 2470 | Asian-American Literature |  |
| ENGL 2510 | Horror Fiction |  |
| ENGL 2520 | Science Fiction |  |
| ENGL 2600 | Irish Literary Culture (Abroad) |  |
| ENGL 2620 | What Is Nature? |  |
| ENGL 2690 | Boston in Literature |  |
| ENGL 3487 | Film and Text (Abroad) |  |
| ENGL 3663 | The African American Novel |  |
| Writing |  |  |
| Complete one of the following: |  | 4 |
| ENGL 2700 | Creative Writing |  |
| ENGL 2710 | Style and Editing |  |
| ENGL 2730 | Digital Writing |  |
| ENGL 2740 | Writing and Community Engagement |  |
| ENGL 2760 | Writing in Global Contexts |  |
| ENGL 2770 | Writing to Heal |  |
| ENGL 2850 | Writing for Social Media: Theory and Practice |  |
| ENGL 3375 | Writing Boston |  |
| ENGL 3376 | Creative Nonfiction |  |
| ENGL 3377 | Poetry Workshop |  |
| ENGL 3378 | Fiction Workshop |  |
| ENGL 3380 | Writing Seminar |  |
| ENGL 3382 | Publishing in the 21 st Century |  |

ENGL 3384 The Writer's Marketplace
English Electives
Complete any two ENGL courses that have not already been used to fulfill another requirement.

## Capstone

| Code | Title | Hours |
| :--- | :--- | ---: |
| Complete one of the following courses: |  | 4 |
| ENGL 4710 | Capstone Seminar | 4 |
| $\quad$ or ENGL 4720 | Capstone Project |  |

## Integrative Course Requirement

This course will not be allowed to double-count in the Theories and Methods section above.

| Code | Title |
| :--- | :--- |
| ENGL 3340 | Technologies of Text |
| or HIST 1357 | History of Information in the United States: Media, Technology, Law |

## Supporting Course

| Code | Title |
| :--- | :--- |
| Complete one of the following: |  |
| AFAM 2600 | Issues in Race, Science, and Technology |
| CY 4170 | The Law, Ethics, and Policy of Data and Digital Technologies |
| CY 5240 | Cyberlaw: Privacy, Ethics, and Digital Rights |
| ENGL 2150 | Literature and Digital Diversity |
| HIST 2220 | History of Technology |
| INSH 2102 | Bostonography: The City through Data, Texts, Maps, and Networks |
| IS 1300 | Knowledge in a Digital World <br> or PHIL 1300 <br> PHIL 1145 |
| Knowledge in a Digital World |  |
| SOCL 1280 | Technology and Human Values |
| SOCL 452485 | The Twenty-First-Century Workplace |

## Computer Science Writing Requirement

| Code <br> College Writing | Title |
| :--- | :--- |
| ENGW 1111 | First-Year Writing |
| or ENGW 1102 | First-Year Writing for Multilingual Writers |
| Advanced Writing in the Disciplines |  |
| Complete one course from the following: |  |
| ENGW 3302 | Advanced Writing in the Technical Professions |
| ENGW 3309 | Advanced Writing in the Humanities |
| ENGW 3310 | Advanced Writing in Literature |
| ENGW 3315 | Interdisciplinary Advanced Writing in the Disciplines |

## Required General Electives

| Code | Title |
| :--- | ---: |
| Complete 32 credits of general electives. |  |

## Khoury College GPA Requirement

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

## NUpath Requirements Satisfied

- Engaging with the Natural and Designed World
- Conducting Formal and Quantitative Reasoning
- Analyzing and Using Data
- Exploring Creative Expression and Innovation
- Writing in the First Year
- Advanced Writing in the Disciplines
- Writing-Intensive in the Major
- Demonstrating Thought and Action in a Capstone

Integrating Knowledge and Skills Through Experience is satisfied through co-op.

## Program Requirement

133 total semester hours required

## Plan of Study

## Sample Plan of Study:

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




| Fall | Hours | Spring | Hours | Summer 1 | Hours | Summer 2 | Hours |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Co-op |  | Strand elective 2 |  | 4 Elective |  | 4 Co-op |  |
|  |  | English category or elective |  | 4 Elective |  | 4 |  |
|  |  | English category or elective |  | 4 |  |  |  |
|  |  | Computing and social issues |  | 4 |  |  |  |
|  |  |  |  | 16 |  | 8 | 0 |
| Year 4 |  |  |  |  |  |  |  |
| Fall | Hours | Spring | Hours | Summer 1 | Hours |  |  |
| Co-op |  | CS 4500 (or English Category or Elective) |  | 4 Elective |  | 4 |  |
|  |  | ENGL 4710 or 4720 |  | 4 Elective |  | 4 |  |
|  |  | Khoury elective |  | 4 |  |  |  |
|  |  | Elective |  | 4 |  |  |  |
|  |  |  |  | 16 |  | 8 |  |

[^1]
[^0]:    Khoury Elective Courses

[^1]:    Total Hours: 134

