The computer science and communication studies combined major integrates practical skills and theory. You'll gain both a strong computer science foundation and a deep understanding of the major conceptual frameworks for human communication—plus how to apply these learnings to solve problems in today's society.

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

Computer Science Fundamental Courses
A grade of C– or higher is required:
CS 1800 Discrete Structures 5
or CS 1801 Recitation for CS 1800
and CS 1802 Seminar for CS 1800
CS 2500 Fundamentals of Computer Science 1 5
or CS 2501 Lab for CS 2500
CS 2510 Fundamentals of Computer Science 2 5
and CS 2511 Lab for CS 2510

Computer Science Upper-Level Requirements
CS 3200 Database Design 4
CS 3500 Object-Oriented Design 4
CS 4500 Software Development 4
CS 4550 Web Development 4
CS 4800 Algorithms and Data 4

Computer Science Senior Seminar
THTR 1170 The Eloquent Presenter 1

Computer Science Elective Courses
Complete three courses in the following ranges: 12
CS 2500 or higher, except CS 5010
DS 2000 or higher, except DS 4900
IS 2000 or higher, except IS 4900

Co-op Preparation
CS 1210 Computer Science/Information Science 1
Overview 2: Co-op Preparation
or EEAM 2000 Professional Development for Co-op

Communication Studies Courses

Communication Studies Common Requirements
COMM 1101 Introduction to Communication Studies 4
COMM 1112 Public Speaking 4
or COMM 2301 Communication Research Methods

Foundation Course
Complete one of the following: 4
COMM 1210 Persuasion and Rhetoric
COMM 1225 Communication Theory
COMM 1231 Principles of Organizational Communication
COMM 1255 Communication in a Digital Age
COMM 1310 Classical Foundations of Communication

Cluster Course
Complete one of the following: 4
COMM 1131 Sex, Relationships, and Communication
COMM 2303 Global and Intercultural Communication
COMM 2304 Communication and Gender
COMM 2501 Communication Law
COMM 2551 Free Speech in Cyberspace

Writing-Intensive
Complete two of the following: 8
COMM 3201 Health Communication
COMM 3230 Interpersonal Communication
COMM 3304 Communication and Inclusion
COMM 3320 Political Communication
COMM 3331 Argumentation and Debate
COMM 3414 Great Speakers and Speeches 2, 1930–Present
COMM 3415 Communication Criticism
COMM 3500 Environmental Issues, Communication, and the Media
COMM 3501 Free Speech: Law and Practice
COMM 3530 Communication and Sexualities
COMM 3532 Theories of Conflict and Negotiation
COMM 3610 Communication, Politics, and Social Change
COMM 4131 Sex and Interpersonal Communication
COMM 4533 Consultation Skills
COMM 4534 Organizational Communication Training and Development
COMM 4535 Nonverbal Social Interaction
COMM 4602 Contemporary Rhetorical Theory
COMM 4605 Youth and Communication Technology
COMM 4631 Crisis Communication and Image Management
COMM 4901 Seminar in Communications
COMM 4918 Special Topics in Communication Studies

Communication Studies Electives
Complete three courses in the following range: 1

COMM 1131 to COMM 4996

1 Special Topics in Communication Studies (COMM 4912), Junior/Senior Honors Project 1 (COMM 4970), Junior/Senior Honors Project 2 (COMM 4971), and Research (COMM 4991) are excluded.

Supporting Courses

Mathematics

MATH 1341 Calculus 1 for Science and Engineering 4

Computing and Social Issues

Complete one of the following: 4

PHIL 1145 Technology and Human Values

SOCL 1280 The 21st-Century Workplace

SOCL 3485 Environment, Technology, and Society

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

Writing Requirements

College Writing

ENGW 1111 First-Year Writing 4

Advanced Writing in the Disciplines

Complete one of the following: 4

ENGW 3302 Advanced Writing in the Technical Professions

ENGW 3315 Interdisciplinary Advanced Writing in the Disciplines

COMM 3409 Advocacy Writing 1

1 If Advocacy Writing (COMM 3409) is selected it will also satisfy a communication studies elective requirement. One additional general elective will be then required in its place.

Required General Electives

Complete eight general electives. 32

NUpath Requirements Satisfied

• Engaging with the Natural and Designed World
• Conducting Formal and Quantitative Reasoning
• Analyzing and Using Data
• Understanding Societies and Institutions
• Employing Ethical Reasoning
• 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.

Communication Studies Grade Requirement

No more than two grades below a C in communication studies courses may be used to fulfill degree requirements.

Major GPA Requirement

Minimum 2.000 GPA required in all CS, IS, and COMM courses

Program Requirement

133 total semester hours required

Plan of Study

Sample Pattern, Five Years, Three Co-ops in Spring/Summer

Year 1

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Notes:

1 Special Topics in Communication Studies (COMM 4912), Junior/Senior Honors Project 1 (COMM 4970), Junior/Senior Honors Project 2 (COMM 4971), and Research (COMM 4991) are excluded.

Writing Requirements

College Writing

ENGW 1111 First-Year Writing 4

Advanced Writing in the Disciplines

Complete one of the following: 4

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ENGW 3315 Interdisciplinary Advanced Writing in the Disciplines

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1 If Advocacy Writing (COMM 3409) is selected it will also satisfy a communication studies elective requirement. One additional general elective will be then required in its place.

Required General Electives

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NUpath Requirements Satisfied

• Engaging with the Natural and Designed World
• Conducting Formal and Quantitative Reasoning
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• Understanding Societies and Institutions
• Employing Ethical Reasoning
• Writing in the First Year
• Advanced Writing in the Disciplines
• Writing-Intensive in the Major
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Integrating Knowledge and Skills Through Experience is satisfied through co-op.

Communication Studies Grade Requirement

No more than two grades below a C in communication studies courses may be used to fulfill degree requirements.
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Total Hours: 134

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Total Hours: 134

### Sample Pattern, Four Years, Tw0 Co-ops in Spring/Summer 1

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Year 1 Total: 19 | 17 | 8 | 0

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Year 2 Total: 17 | 0 | 0 | 8

#### Year 3

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Year 3 Total: 17 | 0 | 0 | 8

Total Hours: 134