BS Combined Major for Computer Science and Sociology
DRAFT of 2016-05-03

CS Requirements

11 @ 4 SH = 44 SH
Total: 49 SH with 1 SH courses

Overview [2 SH]

CS 1200 CS/IS Overview 1 [1 SH]
CS 1210 CS/IS Overview 2: Co-op Preparation [1 SH]

CS Freshman level required courses [19 SH]

CS 1800 Discrete Structures [4 SH]
    CS 1801 Recitation for CS 1800 [0 SH]
CS 2500 Fundamentals of Computer Science 1 [4 SH]
    CS 2501 Lab for CS 2500 [1 SH]
CS 2510 Fundamentals of Computer Science 2 [4 SH]
    CS 2511 Lab for CS 2510 [1 SH]
CS 2800 Logic and Computation [4 SH]
    CS 2801 Lab for CS 2800 [1 SH]

CS Upper level required courses [16 SH]

CS 3200 Database Design [4 SH]
CS 3500 Object-Oriented Design [4 SH]
CS 4800 Algorithms and Data [4 SH]
IS 2000 Principles of Information Science [4 SH]

CS Writing Intensive Requirement [4 SH]

Choose one:
CS 4500 Software Development [4 SH]
IS 3500 Information System Design and Development [4 SH]
DS 4200 Information Presentation and Visualization [4 SH]

NOTE: To take DS 4200, a student must take DS 4100 either as a prerequisite or concurrently. This will require one CS elective.
    DS 4100 Data Collection, Integration, and Analysis [4 SH]

CS electives [8 SH]

2 CS electives of 4 SH each.

A CS elective is a 4 SH course that is not already required and that is in the ranges:
    CS 2500 or higher, except CS 5010
    IS 2000 or higher, except IS 4900
    DS 2000 or higher, except DS 4900
Presentation Requirement [1 SH]
THTR 1170 The Eloquent Presenter [1 SH]

Sociology Requirements

10 @ 4 SH = 40 SH

Sociology Required Courses [24 SH]

SOCL 1101 Introduction to Sociology [4 SH]
SOCL 2300 Social Theory [4 SH]
SOCL 2320 Statistical Analysis [4 SH]
SOCL 2321 Research Methods [4 SH]
ANTH 1101 Peoples and Cultures [4 SH]
ANTH 2305 Global Markets Local Cultures [4 SH]

Sociology Electives [12 SH]

Sociology Elective A: Choose one from SOCL 1000 - 1999 [4 SH]
Sociology Elective B: Choose one from SOCL 2000 - 3999 [4 SH]
Sociology Elective C: Choose one from SOCL 4000 - 4999 [4 SH]

Sociology Required Capstone [4 SH]
SOCL 4600 Senior Seminar [4 SH]

Integrative Course Requirement [4 SH]

Choose one:
SOCL 1280 The Twenty-First-Century Workplace [4 SH]
SOCL 3485 Environment, Technology, and Society [4 SH]
SOCL 4528 Computers and Society [4 SH]
ANTH 3418 Wired/Unwired: Cybercultures and Technopolitics [4 SH]

University Requirements [8 SH]

Writing in the First Year [4 SH]

Choose one: ENGW 1111 or ENGW 1102

Advanced Writing in the Disciplines [4 SH]

Choose one: ENGW 3302 or ENGW 3308 or ENGW 3315
Total of Explicit Requirements

24 @ 4 SH and 6 @ 1 SH = 102 SH

General Electives [8 courses = 32 SH]

Total Credits Required: 133 SH

Note: CCIS intentionally makes the total credits required one less than the sum of the credits to allow for a one credit waiver if needed.
Regarding NU Core 2016

CCIS requirements satisfy
- ND = Engaging with the Natural and Designed World
- FQ = Conducting Formal and Quantitative Reasoning
- AD = Analyzing and Using Data
- WI = Writing Intensive in the Major

Sociology requirements satisfy
- IC = Interpreting Culture
- SI = Understanding Societies and Institutions
- AD = Analyzing and Using Data
- WI = Writing Intensive in the Major
- CE = Demonstrating Thought and Action in a Capstone

University requirements satisfy
- WF = Writing in the First Year
- WD = Advanced Writing in the Disciplines

Some Sociology elective courses and Integrative courses satisfy additional NU Core 2016 categories.

Students must arrange to fulfill the remaining NU Core 2016 requirements by choice of appropriate electives. Coop will satisfy the experiential requirement EX.

Regarding NU Core 2007

CCIS requirements satisfy
- Writing intensive in the major
- Science/Technology Level 1
- Mathematical/analytical thinking Level 1
- Mathematical/analytical thinking Level 2

Sociology requirements satisfy
- Capstone
- Writing intensive in the major
- Comparative study of cultures
- Social Science Level 1

University requirements satisfy
- First-year writing
- Advanced writing in the disciplines

Some Sociology elective courses and Integrative courses satisfy additional NU Core 2007 requirements.

Students must arrange to fulfill the remaining NU Core 2007 requirements by choice of appropriate electives. Coop will satisfy the experiential learning requirement.