The Capstone Design Courses are taken as follows: (EECE4790 - Summer 1 and EECE4792 - Spring) OR (EECE4790 - Summer 2 and EECE4792 - Fall)

* ENGW3302 is an acceptable substitution for engineering majors.

NIPath requirements, Interpreting Culture (IC), Societies and Institutions (SI) and Differences and Diversity (DD) are not explicitly satisfied by required engineering courses. Students are responsible for satisfying these requirements, and if these are not fulfilled in engineering courses, should use General Electives to do so. General Electives are academic, non-remedial, non-repetitive courses.

7 Required General Electives (A maximum of 2 Graduate Courses can be used to fulfill this requirement)

3 Required CE Fundamentals: EECE2322/2323 - Fundamentals Digital Design & Lab and EECE2332/2333 - Fundamentals Networks and EECE2360 - Fundamentals Algorithms

The registrar’s website provides a listing of degree requirements and the DARS system provides a degree audit utility for students.

Technical Elective Requirements: 4 EECE technical electives:

IE 6200 - ENGW3302 - Adv. Writing for Prof. ECE Tech Elective 1

Elective - General Elective

Notes:

*AP credit for MATH2280 will substitute for MATH3081 requirement.

Please check with your advisor when taking a general elective in overlapping disciplines:

Last Name A-L: Ellen Zierk - e.zierk@northeastern.edu
Last Name M-Z: Nicole Diamond - n.diamond@northeastern.edu

The Capstone Design Courses are taken as follows: (EECE4790 - Summer 1 and EECE4792 - Spring) OR (EECE4790 - Summer 2 and EECE4792 - Fall)

* ENGW3302 is an acceptable substitution for engineering majors.

NIPath requirements, Interpreting Culture (IC), Societies and Institutions (SI) and Differences and Diversity (DD) are not explicitly satisfied by required engineering courses. Students are responsible for satisfying these requirements, and if these are not fulfilled in engineering courses, should use General Electives to do so. General Electives are academic, non-remedial, non-repetitive courses.

7 Required General Electives (A maximum of 2 Graduate Courses can be used to fulfill this requirement)

3 Required CE Fundamentals: EECE2322/2323 - Fundamentals Digital Design & Lab and EECE2332/2333 - Fundamentals Networks and EECE2360 - Fundamentals Algorithms

1 Required EE Fundamentals: EECE2412/2413 - Fundamentals Electronics 1 & lab or EECE2520 - Fundamentals Linear Systems OR EECE 2530/2531 - Fundamentals Electromagnetics & lab (EE Fundamentals not taken to meet the above requirement may also be taken as a technical elective.)

Technical Elective Requirements: 4 EECE technical electives:

EECE2412/2413, EECE2750, EECE3324/EECE4698, EECE4991/EECE4993, EECE5515-EECE5698, GE6408, ENG5670

2 CS courses from the following approved list may be taken toward the EECE technical elective requirement:

Approved List: CS2550, CS3200-CS3500, CS3540-CS3800, CS4100-CS4770, CS4850, IS4200-45700

Note: AP credit for MATH2280 will substitute for MATH3081 requirement.

Please check with your advisor when taking a general elective in overlapping disciplines:

Last Name A-L: Ellen Zierk - e.zierk@northeastern.edu
Last Name M-Z: Nicole Diamond - n.diamond@northeastern.edu

The registrar’s website provides a listing of degree requirements and the DARS system provides a degree audit utility for students.

Requirements:

Students will be required to meet with an undergraduate advisor to petition to enter the program.

Students are encouraged to meet with their financial aid counselor to review any financial questions.

4 semesters of coursework at Northeastern University must be completed with a minimum GPA of 3.2 to join the BS/MS program.

BS/MSCE program is 9.5 semesters of coursework.

Notes:

Students who opt out of the MSECE part of the program will still need to complete the Spring semester of the fifth year to finish the capstone design project.