### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

**MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING**

**BS/MS CURRICULUM OUTLINE - CLASS OF 2021, 2022, 2023**

*Sample Only – Actual Curriculum Sequence May Deviate from Sample*

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

*ENGW3302* is an acceptable substitution for engineering majors.

NUpath 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)


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 ECE technical electives: EECE2322, EECE2540/EECE2750, EECE3154, EECE3324/EECE3410, EECE4512-EECE4698, EECE4991-EECE4993, EECE5515-EECE5698, GE4608, ENGR5670

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/MSECE 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.

Revised March, 2018