

(Class of 2010)
Bachelor of Science in Mechanical Engineering
September 3, 2009

	Fall Semester	Spring Semester	Summer 1	Summer 2
Freshman	GEU100 Intro to Eng'g 1 GEU110 Eng'g Design 4 MTHU241 Calculus 1 4 CHMU151 Chemistry 1 4 Gen. Education Elec. 4	GEU111 Prob Solving w Comp. 4 MTHU242 Calculus 2 4 PHYU151/153 Physics 1 4 PHYU152 Phy. Lab 1 ENGU111 College Writing 4	Vacation	Vacation
Sophomore (AA) (formerly A)	MTHU341 Calculus 3 4 MIMU350 Eng'g Mech. & Design 4 PHYU155/157 Physics 2 4 PHYU156 Phy Lab 2 1 BIOU111 Biology 4 BIOU112 Biology Lab 1	MTHU343 Diff. Eq. Lin. Alg. 4 MIMU340 Material Science 4 MIMU341 Mat. Sci. Lab 1 MIMU355 Mech. of Materials 4 MIMU356 Mech. of Mat. Lab 1 MIMU380-Thermodynamics 4 MIMU300 Eng'g Co-op Edu 1	Vacation	Co-op
Sophomore (BB) (formerly N)	MTHU341 Calculus 3 4 MIMU350 Eng'g Mech. & Design 4 PHYU155 Physics 2 4 PHYU156 Physics 2 Lab 1 MIMU300 Eng'g Co-op Edu. 1 BIOU111 Biology 4 BIOU112 Biology Lab 1	Co-op	Co-op	Vacation
Middler (AA)	Co-op	MIMU508 ME Computation 4 ENGU302 Adv. Writing 4 ECEU210 Elect. Engrg 4 ECEU211 Elec. E. Lab 1 MIMU455 Dynamics & Vib. 4 MIMU456 Dynamics & Vib. Lab 1	MIMU475 Fluid Mech. 4 Gen. Education Elec. 4	Co-op
Middler (BB)	MIMU340 Material Science 4 MIMU341 Mat. Sci. Lab 1 MIMU355 Mech. of Mat. 4 MIMU356 Mech. Of Mat. Lab 1 MTHU343 Diff. Eq. Lin. Alg. 4 MIMU380 Thermodynamics 4	Co-op	Co-op	MIMU475 Fluid Mech. 4 ENGU302 Adv. Writing 4
Junior (AA)	Co-op	MIMU570 Ther. Sys. Anal. Design 4 MIMU505 Meas. Anal. Thermal 4 MIMU506 Meas. Lab 1 MIMU500 Prof. Issues 1 MIMU555 Sys. Anal. & Control 4 General Elective 4/5	MIMU550 ME Design 4 MIMU701 Caps Des. 1 1 General Elective 4/5	Co-op
Junior (BB)	MIMU505 Meas. Anal. Thermal 4 MIMU506 Meas. Lab. 1 MIMU570 Ther. Sys. Anal. Design 4 MIMU508 ME Comp. 4 MIMU455 Dynamics & Vibration 4 MIMU456 Dynamics & Vib. Lab 1	Co-op	Co-op	MIMU550 ME Design 4 General Edu. Elective. 4 MIMU701 Capstone 1 1
Senior (AA)	Co-op	MEIE4702 Capstone Des. 2 5 General Elective 4/5 General Elective 4/5 MIE Technical Elec. 4/5		
Senior (BB)	EECE2210 Elec. Engineering 4 EECE2211 Elec. Eng Lab 1 MEIE4702 Capstone Design 2 5 ME 4555 Sys. Anal. & Control 4 MEIE 3000 Prof. Issues 1 General Elective 4/5	General Elective 4/5 General Elective 4/5 General Elective 4/5 MIE Technical Elec. 4/5		

General Education Elective Requirements: 2 required- One Social/Cultural elective and one Historical perspective elective. (consult list on COE Website)

General Electives: 4 required- Any 4 SH academic class that is not remedial or repetitive.

MIE Technical Elective- 1 required- Any ME or IE class that is not part of the Mechanical core curriculum.

Please check with the departmental academic advisor if you have any questions concerning these requirements.

Please refer to the following "conversionator" website for a chart of old/new course numbers:
<http://www.northeastern.edu/registrar/crsnumref-leg2udc.html>