

Juris Doctorate 3+3 Plan for MECHANICAL ENGINEERING

Sample Only – Actual Curriculum Sequence May Deviate from Sample

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING CURRICULUM - Class of 2022

	FALL	SPRING	SUMMER 1	SUMMER 2
Freshman Year 1	MATH1341 Calculus 1 for Engrs. 4	MATH1342 Calculus 2 for Engrs. 4	ME2350 Eng'g Mech & Design 4	Vacation
	CHEM1151 General Chem. for Engrs. 4	PHYS1151 Physics 1 Engrs. 3	MATH2321 Calculus 3 for Engrs. 4	
	CHEM1153 Recitation for CHEM1151 0	PHYS1152 Physics 1 Lab 1		
	GE1000 Intro to Eng'g. 1	PHYS1153 ILS for PHYS1151 1		
	GE 1501 Cornerstone Eng. 1 4	GE 1502 Cornerstone Eng. 2 4		
	ENGW1111 College Writing 4	Elective General Elective (NU Path) 4		
Year 2 (CA)	MATH2341 Diff. Eq./ Lin. Alg. 4	ME2355 Mech. of Materials 4	ME3475 Fluid Mech. 4	Vacation
	PHYS1155 Physics 2 for Engrs. 3	ME2356 Lab for ME2355 1	ME4550 ME Design 4	
	PHYS1156 Physics 2 Lab 1	ME3455 Dynamics & Vib. 4	MEIE4701 Capstone Design 1	
	PHYS1157 ILS for PHYS1155 1	ME3456 Lab for ME3455 1		
	ME2380 Thermodynamics 4	MEIE2000 Intro to Eng'g, Co-op 1		
	ME2340 Material Science 4	**Science/Math Elective 4		
	ME2341 Lab for ME2340 1	*ENGW3302 Adv. Writing for Prof. 4		
Year 3 (CA)	ME4505 Meas. Anal. Thermal 4	MEIE4702 Capstone Design 2 5	Internship/Co-op	
	ME4506 Lab for ME4505 1	Elective MIE Technical Elective 4		
	ME4555 Sys. Anal. & Control 4	EECE2210 Elect. Engineering 4		
	ME4570 Ther. Sys. Anal. Design 4	EECE2211 Lab for EECE2210 1		
	ME4508 ME Computation 4	Elective General Elective (NU Path) 4		
	MEIE3000 Prof. Issues In Eng'g 1			
Year 4	Civil Procedure 5	Contracts 5	Internship/Co-op	
	Gen. Elective - Property 4	Gen. Elective - Criminal Justice 4		
	Gen. Elective - Torts 4	Gen. Elective - Constitutional Law 4		
	LSSC (Legal Research & Writing component) 2	LSSC (Legal Research & Writing component) 2		
	LSSC (Social Justice component) 2	LSSC (Social Justice component) 2		
Year 5	Follow Law School Curriculum			
Year 6	Follow Law School Curriculum			

[* ENGW3315](#) is an acceptable substitution for engineering majors.

8/1/2018

** Science/Math Elective - Please consult with your academic advisor for the complete list of acceptable courses.

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. Students who do not participate in internship/co-op will need to fulfill NUpath requirement of Integrating Knowledge and Skills through Experience using approved coursework.

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

Electives may be interchanged. Please consult with your academic advisor :

Last Names A-G Roy Dalsheim -r.dalsheim@northeastern.edu

Last Names H-N Katherine Bradley - k.bradley@northeastern.edu

Last Names O-Z Laura Kenney - l.kenney@northeastern.edu

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

Law School requirements:

Apply junior year with 3.5 or greater GPA

LSAT score - 161 or greater