

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	Vacation
	CHEM1151	General Chem. for Engrs.	4	PHYS1151	Physics 1 Engrs.	3	
	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	Vacation
	PHYS1155	Physics 2 for Engrs.	3	ME2356	Lab for ME2355	1	
	PHYS1156	Physics 2 Lab	1	ME3455	Dynamics & Vib.	4	
	PHYS1157	ILS for PHYS1155	1	ME3456	Lab for ME3455	1	
	ME2380	Thermodynamics	4	ENCP2000	Intro to Eng'g, Co-op	1	
	ME2381	Recitation for ME 2380	0	Elective	**Science/Math Elective	4	
	ME2340	Material Science	4	*ENGW3302	Adv. Writing for Prof.	4	
	ME2341	Lab for ME2340	1				
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	
	ENCP3000	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.

3/1/2018

** 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, found here.](#)

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