

B.S. in Engineering Sciences (Mechanical)

Fall

Spring

First year	*ENAS 1510 or *MATH 1200 - Multivariable Calculus PHYS 1800 or 2000 or 2600 - Physics I PHYS 1650L or 2050L - Physics I Lab (0.5 credit)	*MATH 2220 - Linear Algebra PHYS 1810 or 2010 or 2610 - Physics II PHYS 1660L or 2060L - Physics II Lab (0.5 credit) Technical Elective (chosen in consultation with DUS)
Sophomore	*ENAS 1940 - Ordinary & Partial Differential Equations MENG 2311 - Strength & Deformation of Mechanical Elements	*MENG 2511 - Thermodynamics for Mechanical Engineers *MENG 3323 - Dynamics
Junior	*MENG 3422 - Fluid Mechanics Technical Elective (chosen in consultation with DUS)	MENG 3424 - Fluid & Thermal Energy Science ("Heat Transfer") Technical Elective (chosen in consultation with DUS)
Senior	Technical Elective (chosen in consultation with DUS)	Senior Requirement

Starred courses (*) are offered in both semesters. **Unstarred courses** are only offered in the semester in which they're shown (e.g., MENG 2311 is only offered in the fall).