

B.S. in Engineering Sciences (Mechanical)

Fall

Spring

First year	*MATH 1120 - Differential Calculus	*MATH 1150 - Integral Calculus Track-Specific Technical Elective (chosen in consultation with the DUS)
Sophomore	*ENAS 1510 or *MATH 1200 - Multivariable Calculus *MATH 2220 - Linear Algebra PHYS 1800 or PHYS 2000 - Physics I PHYS 1650L - Physics I Lab (0.5 credit)	*ENAS 1940 - Ordinary & Partial Differential Equations PHYS 1810 or PHYS 2010 - Physics II PHYS 1660L - Physics II Lab (0.5 credit) *MENG 2511 - Thermodynamics for Mechanical Engineers
Junior	MENG 2311 - Strength & Deformation of Mech. Elements MENG 3422 - Fluid Mechanics Track-Specific Technical Elective (chosen in consultation with the DUS)	*MENG 3323 – Dynamics MENG 3424 - Fluid & Thermal Energy Science Track-Specific Technical Elective (chosen in consultation with the DUS)
Senior	Track-Specific Technical Elective (chosen in consultation with the 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 3422 is only offered in the fall).