

ME Technical Electives[#]

	Technical Electives for ME Students
Course ID	Course Name
Chem 243 +	Organic Chemistry I
Chem 244 +	Organic Chemistry II
Chem 473 +	Biochemistry
EnE 560	Environmental Chemistry
ENTR 410***	New Venture Management
ENTR 420***	Financing New Venture
ENTR 440***	Lean Startup Accelerator
Fin 315***	Principles of Financial Management
IE 331**	Applied Statistical Methods
IE 335	Engineering Cost Analysis and Control
IE 447	Legal Aspects of Engineering
IE 449	Industrial Robotics
IE 453	Computer Integrated Manufacturing
IE 455	Robotics & Programmable Logic Controllers
IE 473	Safety Engineering
Math 331	Introduction to Partial Differential Equations
Math 333 [#]	Probability & Statistics
Math 335	Vector Analysis
Math 336	Applied Abstract Algebra
Math 337	Linear Algebra
Math 340 ++	Applied Numerical Methods and Optimization
Math 350 ++	Foundations of Calculus
Math 371 ++	Physiology and Medicine
Math 372 ++	Population Biology
ME 310*	Work Experience I
ME 410*	Work Experience II
MIS 363***	Information Systems & Operating Management
Mrkt 330***	Principles of Marketing
OM 375***	Management Science
R120 101 +	General Biology
R120 102 +	General Biology

For students who have declared a minor in Engineering, Science or Mathematics Program

Students who have declared a minor in Engineering, Science or Mathematics and wish to use courses outside the Department approved list of ME/TE courses, to meet their elective requirements towards the BSME degree, *can only use courses from their minors*, and only two courses can be used, one at 300 level, the other at 400 level (or both at 400 level).

* Upon satisfactory completion of ME 310 and appropriate letter grade for ME 410, the CO-OP student will receive 3 credits toward the degree requirements as a technical elective.

** Students cannot receive credit for both IE 331 and Math 333. Only one can be taken for degree credit. In special cases other Technical courses may be taken with Departmental Approval.

*** Only for those students who have a declared minor in Management

++ Only for those students who have a declared minor in Math

+ Only for those students who are Pre-Med only.

When Math 333 is used instead Mat 279, it cannot also be used as a Technical Elective.