

ALLIED FIELDS

Basic admission to the Mechanical Engineering requires that students have a Bachelors of Science degree in mechanical engineering, or from an allied field, acquired from an accredited engineering program. A list of allied fields is outlined below.

College of Engineering	College of Mines and Earth Sciences	College of Science
Bioengineering	Atmospheric Sciences	Biology
Chemical Engineering	Geological Engineering	Chemistry
Civil & Environmental Engineering	Geoscience	Mathematics
Electrical & Computer Engineering	Metallurgical Engineering	Physics & Astronomy
Material Science & Engineering	Mining Engineering	
Mechanical Engineering		

MASTERY OF BASIC MECHANICAL ENGINEERING SKILLS AND PRINCIPLES

Graduate classes assume mastery of basic mechanical engineering skills and principles. No remedial assistance is provided at the graduate level. Students concerned about their preparation should take the corresponding U of U classes listed below.

SUBJECT	APPROPRIATE UNIVERSITY OF UTAH COURSES
Mathematics through Partial Differential Equations	Math 1210, 1220, 2210, 2250, and 3150
Basic Engineering Physics	Physics 2210 and 2220
College Chemistry	Chemistry 1210
Computer Programming	CS 1000 or ME EN 1010
Electrical Engineering	Electrical Engineering 2210
Engineering Materials and Processes/Manufacturing	ME EN 2650 or ME EN 4060
Solid Mechanics	ME EN 1300, 2080, and 3300
Basic Engineering Thermodynamics	ME EN 2300 or ME EN 2510
Fluid Mechanics	ME EN 3700
Heat Transfer	ME EN 3650
Mechanical Design/Mechatronics	ME EN 3200 and ME EN 3910

For questions regarding undergraduate courses, please contact the Undergraduate Advising Office at (801) 581-8977.