

MECHANICAL ENGINEERING MINOR

<https://ceps.unh.edu/mechanical-engineering/program/minor/mechanical-engineering>

Description

The minor, administered by the Department of Mechanical Engineering and offers a broad introduction to mechanical engineering.

Interested students should contact the Mechanical Engineering Chair at (603) 862-1353 and file an intent to minor form. During the last semester, students must complete a completion of minor form for it to appear on their transcript.

Requirements

Students must complete a minimum of six courses as follows:

Code	Title	Credits
ME 441	Introduction to Engineering Design and Solid Modeling	4
ME 503	Thermodynamics	3
ME 525	Statics	4
ME 526	Mechanics of Materials	3
ME 627	Dynamics	3
ME 608	Fluid Dynamics	3
Total Credits		20

Electrical and Computer Engineering majors should take the following courses:

Code	Title	Credits
ME 477	Introduction to Solid Modeling	1
ECE 633	Signals and Systems I ¹	3
ECE 634	Signals and Systems II ¹	3
ME 503	Thermodynamics	3
ME 525	Statics	4
ME 561	Introduction to Materials Science	4
Select one of the following: ²		
ME 526	Mechanics of Materials	3
ME 608	Fluid Dynamics	3
ME 627	Dynamics	3

¹ ECE Major Required Courses.

² The total number of credits required is 21.

Physics majors should take the following courses:

Code	Title	Credits
PHYS 508	Thermodynamics and Statistical Mechanics ¹	4
PHYS 615	Classical Mechanics and Mathematical Physics I ¹	4
ME 477	Introduction to Solid Modeling	1
ME 526	Mechanics of Materials	3
ME 608	Fluid Dynamics	3
Select one of the following: ²		
ME 643	Machine Design	3
ME 670	Systems Modeling, Simulation, and Control	4
ME 705	Thermal System Analysis and Design	4

¹ Physics Major Required Courses.

² The total number of credits to complete the Physics Minor will be either 18 or 19 depending on what course is selected.