

UNDERGRADUATE MINOR IN MECHANICAL ENGINEERING

Instructions for declaring the ME Minor:

- Choose a minor package from the options below
- Complete this form (2 sided)
- Obtain your Minor Advisor's Signature. If you need an advisor for your minor program, please contact the Student Services Office (Building 530, room 125)
- Submit the form to Student Services and the login to Axxess to formally declare your minor
- E-mail Christine Gibo (cgibo@stanford.edu) to approve your minor declaration

Name _____ E-mail _____
Student ID _____ Major Department _____

MINOR PACKAGES:

General Minor

This minor aims to expose students to the breadth of Mechanical Engineering topics and analytic design activities. Prerequisites: Math 41, 42, and Physics 41

Required Courses:

ENGR14	Applied Mechanics: Statics	3 Units
ENGR15	Dynamics	3 Units
ENGR30	Thermodynamics	3 Units
ME70	Intro to Fluids Engineering	4 Units
ME101	Visual Thinking	3 Units

Plus any two of the following electives (indicate in shaded area which courses apply):

ME80	Strength of Materials	4 Units	
ME131A	Heat Transfer	4 Units	
ME161	Dynamic Systems	4 Units	
ME203	Manufacturing & Design	4 Units	

Thermosciences Minor

Prerequisites: Math 41, 42, 51 (or CME100) and Physics 41

Required Courses:

E14	Applied Mechanics: Statics	3 Units
E30	Thermodynamics	3 Units
ME70	Intro to Fluids Engineering	4 Units
ME131A	Heat Transfer	4 Units
ME131B	Fluid Mechanics	4 Units
ME140	Advanced Thermal Systems	5 Units

Mechanical Design Minor

Prerequisites: Math 41, 42 and Physics 41

Required Courses:

E14	Applied Mechanics: Statics	3 Units
E15	Dynamics	3 Units
ME80	Strength of Materials	4 Units
ME101	Visual Thinking	3 Units
ME112	Mechanical Engineering Design	4 Units
ME203	Manufacturing & Design	4 Units

Plus any one of the following (indicate in shaded area which course applies):

ME113	Mechanical Engineering Design	4 Units	
ME210	Introduction to Mechatronics	4 Units	
ME220	Introduction to Sensors	4 Units	

This fulfills the minor offered by the Mechanical Engineering Department.

Printed Name – Minor Advisor

Minor Advisor Signature

Date

Student Services Manager: PS Approval _____