

Engineering in Society

Minor Contact

- Statler College (Statler-StudentServices@mail.wvu.edu)

Minor Code - U144

The Engineering in Society minor is offered to students within West Virginia University, excluding those in the Statler College. The minor is designed for students who have an interest in engineering related topics or who plan to seek employment where interaction with engineers is anticipated. Students completing the minor will be able to demonstrate knowledge in areas in which engineering accomplishments and processes impact society, including energy, manufacturing processes, the design process, engineering ethics, critical thinking, decision making, and engineering economics.

The Engineering in Society minor requires the completion of 17 credit hours: 5 required core credits and 12 elective credits from an approved list, with a C- or better required in all courses counting toward the minor. The required and elective courses are listed below:

Code	Title	Hours
Required core courses:		
ENGR 140	Engineering in History	3
ENGR 143	Engineering Concepts	2
or ENGR 101	Engineering Problem Solving 1	
Electives: Must complete 12 credit hours from the following list with at least 9 credit hours at the 300-level:		12
CE 304	Gender in Engineering and Technology Careers	
DSGN 280	Sustainable Design and Development	
DSGN 340	Design for Energy Efficiency	
ENGR 102	Engineering Problem-Solving 2	
ENGR 310	Energy Engineering	
IENG 377	Engineering Economy	
MAE 271S	Mechanical and Aerospace Engineering Design 1	
MAE 312	Introduction to Mechanical Design	
MAE 370	Aviation Ground School	
MAE 371S	Mechanical and Aerospace Engineering Design 2	
WGST 250	Women in Science	
WRIT 305	Technical Writing	
Total Hours		17