

# ENGINEERING MINOR

The general engineering minor curriculum is intended for students outside of engineering. Engineers apply scientific and mathematical principles to design, analyze, develop, test, and manufacture products, services, materials, systems, and processes. Engineers develop innovative and creative ideas to help society solve problems. They make our lives easier, more comfortable, safer, and productive.

The engineering minor provides a vehicle that will expand students' technological literacy and provides the tools that will enable them to understand and participate thoughtfully in today's world.

To earn a minor in engineering, students complete the following:

Code	Title	Credits
MATH 1121	Applied Calculus I	3-4
or MATH 1141	Calculus I for Chemistry, Engineering, and Physics Majors	
or MATH 1171	Calculus I	
MATH 1122	Applied Calculus II	3-4
or MATH 1142	Calculus II for Chemistry, Engineering, and Physics Majors	
or MATH 1172	Calculus II	
PHYS 1171 & 1171L	General Physics I and General Physics I Lab	4
Select two engineering courses with lab, for example the following:		8
ELEG 2213 & 2213L	Introduction to Electric Circuits and Electric Circuits Lab	
MEEG 2201 & MEEG 2206L	Engineering Statics and Mechanics Lab	
Select two additional engineering courses, for example the following:		6
BIEG 3201	Biomechanics	
ENGR 2130	Engineering Graphics I	
ENGR 2145	Mathematical Analysis	
MEEG 2207	Materials Science	
MEEG 3241	Principles of Thermodynamics	
<b>Total Credits</b>		<b>24-26</b>

A 20-credit minor in Computer Science is also available. See the Computer Science section for details.