

# Materials Engineering Minor

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Minor in Materials Engineering requires the completion of 5 courses.

Code	Title	Credits
MTEN 201	Introductory Principles of Materials Engineering	3

Student must select at least 2 of the following courses:

Code	Title	Credits
MTEN 205	Mechanical Behavior of Materials	4
MTEN 301	Thermodynamics of Materials	3
MTEN 305	Materials Characterization Methods	4
MTEN 309	Electronic, Optical, Magnetic and Thermal Properties of Materials	4

Student must select up to 2 of the following courses:

Code	Title	Credits
ENGR 301	Engineering Applications of Data Science	3
CHE 415	Introduction to 3D Printing	3
CHE 444	Introduction to Polymer Engineering	3
ME 215	Engineering Materials and Processes	3
ME 438	Introduction to Physical Metallurgy	3
BME 304	Material Fundamentals of Biomedical Engineering	3
BME 420	Advanced Biomaterials Science	3
CE 360	Civil Engineering Materials	2
CHEM 243	Organic Chemistry I	3
CHEM 340	Chemistry of Materials	3
MTEN 311	Kinetics of Materials	3
MTEN 410	Soft Materials	3
MTEN 460	Materials Processing	3