

MATERIALS SCIENCE, CERTIFICATE

(Code 250-601)

The **Certificate in Materials Science** is designed to give students and professionals core technical knowledge and lab skills in materials science to enhance another degree.

Code	Title	Credits
A minimum of 15 credits, including:		
MSE 221	Living in a Materials World	3
MSE 256	Introduction to Computer Aided Design	1
MSE 315	Materials Characterization	4
MSE 357	Phase Transformation & Kinetics	3
MSE 334	Soft Materials	4-5
or MSE 367 & MSE 368	Macroprocessing of Materials and Macroprocessing Materials Lab	

Note: Students pursuing the Materials Science certificate and any of the Physics liberal arts standard major emphases to meet graduation requirements for completing a first and second degree program must earn a minimum of 48 unique credits between the certificate and the major.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcome:

- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.