

CORROSION SCIENCE AND ENGINEERING - CERTIFICATE

Program Requirements

Code	Title	Semester Credit Hours
MSEN 440	Materials Electrochemistry and Corrosion	3
MSEN 444	Corrosion and Electrochemistry Lab	3
MSEN 446	Corrosion Prevention and Control Methods	3
Select one of the following:		3
AERO 413	Aerospace Materials Science	
BMEN 344	Biological Responses to Medical Devices	
CHEN 322	Chemical Engineering Materials	
CVEN 306	Materials Engineering for Civil Engineers	
MMET 207	Metallic Materials	
MSEN 201	Fundamentals of Materials Science and Engineering	
MSEN 222/ MEEN 222	Materials Science	
NUEN 265	Materials Science for Nuclear Energy Applications	
Select one of the following:		3
AERO 411	Applications of Fracture Mechanics to Aerospace Structures	
CHEM 466	Polymer Chemistry	
CHEM 470	Industrial Chemistry	
CHEN 430/ SENG 430	Risk Analysis in Safety Engineering	
CHEN 457	Environmental Engineering	
MEEN 460	Corrosion Engineering	
NUEN 465	Nuclear Materials Engineering	
PETE 355	Drilling Engineering	
Total Semester Credit Hours		15