

POLYMERS AND COATINGS SCIENCE (MS)

Code	Title	Units
REQUIRED COURSES		
CHEM 5502	Graduate Seminar in Polymers and Coatings	2
CHEM 5580	Advanced Polymer Synthesis and Characterization	3
CHEM 5581	Advanced Polymer Synthesis and Characterization Laboratory	2
CHEM 5582	Advanced Coatings and Formulations	3
CHEM 5583	Advanced Coatings and Formulations Laboratory	2
Culminating Experience		
CHEM 5598	Project	6
or CHEM 5599	Thesis	
Approved Electives		
Select from the following:		12
CHEM 4415	College Teaching Practicum	
CHEM 4461	Senior Project I	
CHEM 4484	Functional Polymeric Materials	
CHEM 4485	Cooperative Education Experience ¹	
CHEM 4486	Surface Chemistry of Materials	
CHEM 4487	Polymers and Coatings Internship	
CHEM 4495	Cooperative Education Experience ¹	
CHEM 5500	Special Problems for Graduate Students	
CHEM 5570	Special Advanced Topics	
CHEM 5571	Special Advanced Laboratory	
MATE 4420	Biotechnology for Sustainable Materials	
STAT 5110	Introductory Statistics for Graduate Students	
Total Units		30

¹ Maximum of 2 combined units may be applied to the degree from the following courses: CHEM 4485 and CHEM 4495.