

MASTER OF POLYMER SCIENCE AND POLYMER ENGINEERING

This degree prepares individuals with a bachelor's degree in a technical area to work in polymer or polymer-related industries, consulting, or venture capital firms in non-research position requiring both a broad familiarity with fundamentals of polymer science and polymer engineering and some knowledge business and law. The program deepens technical knowledge in the polymer field while providing non-technical skills needed by team leaders, managers, and supervisors to make technology-minded decisions.

Admission Requirements

- Bachelor's degree in a STEM (Science, Technology, Engineering, or Mathematics) discipline
- GRE
- Personal Statement
- Resume
- Letters of Recommendation

Degree Requirements

Code	Title	Hours
Technical Core Courses		
9801:605	Polymer Physical Chemistry	4
9801:615	Polymer Characterization	4
9801:635	Rheology, Processing and Evaluation of Polymeric Materials	4
9801:645	Research, Problem Solving and Communication of Technical Information	3
9801:665	Emerging Markets & Technologies	3
Business and Law Core Courses		
6500:601	Business Analytics and Information Strategy	3
6500:678	Project Management	3
9200:800	Fundamentals of Intellectual Property	3
Electives		
Select three credits of the following from Polymer Science and Polymer Engineering or Business:		3
6200:601	Financial Accounting	
6400:602	Managerial Finance	
6500:670	Management of Supply Chains and Operations	
6500:675	Global Supply Chain Management	
6600:620	Strategic Marketing	
6600:625	Brand Management	
6600:635	Digital Marketing	
9841:797	Advanced Topics in Polymer Engineering	
9871:631	Polymer Physics I	
9871:711	Special Topics: Polymer Science	
9871:712	Special Topics: Polymer Science	
Total Hours		30