

**College of Polymer Science and Polymer
 Engineering
 POLYMER ENGINEERING AND
 POLYMER SCIENCE
 Polymer Science and Polymer Engineering
 MINOR – 982100M**

The following information has official approval of the **College of Polymer Science and Polymer Engineering** but is intended only as a guide. Official degree requirements are established at the time of admission to the degree-granting college. Completion of this minor within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a “Minor in *Polymer Science and Polymer Engineering*” and must be completed with a minimum grade point average of 2.0 over-all for the minor to be noted on the student’s record.

Course		Credit Hours	Prerequisites
Core Curriculum (9 credits - All Required)			
9821:201	Introduction to Polymer Science	3	3450:221, 3150:151
9821:202	Introduction to Polymer Engineering	3	3450:222, 3650:291
9821:301	Polymer Materials Science and Engineering	3	3450:223 Co-reqs: 3150:313, 4600:300, 3650:340
Laboratory Experience (3 credits – choose 1) ¹			
9841:451	Polymer Engineering Laboratory	3	
9841:497	Honors Project	1-3	Senior standing in the Honors Program
9841:498	Research Problems in Polymer Engineering	1-3	Permission of Department Chair
9841:499	Polymer Engineering Design Project	3	4600:400
9871:405	Polymer Science Laboratory	3	4200:408 or 9821:301 or 9871:403
9871:497	Honors Project in Polymer Science	1-3	Sophomore, junior, or senior standing in Honors College and permission of honors preceptor in the home department.
9871:499	Research Problems in Polymer Science	1-3	
Elective Courses ² (6 credits – choose 2)			
9841:422	Polymer Processing	3	[4200:321 and 4200:351] or [4600:310 and 4600:315]
9841:450	Properties of Solid Polymers	3	4200:408 or 4300:202 or 9821:301
9871:403	Polymer Chemistry	3	3150:263 and 3150:313
9871:404	Polymer Physics	3	4200:408 or 9821:301 or [3150:313 and 3450:223]
Total Credits for Minor		18	

NOTE:

- 9841:498/9871:497/9871:499 May be taken multiple semesters to satisfy 3 credit requirement
- Elective courses in other departments (e.g. Biomedical Engineering, Chemical and Biomolecular Engineering, Chemistry, Physics) may be taken as elective courses with permission of the Dean of the College Polymer Science and Polymer Engineering

Must have a minimum cumulative GPA of a 2.0 to graduate with this minor

PROGRAM CONTACT

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