

Coatings and Polymeric Materials Minor

Minor Requirements

Minimum Credits Required: 16		
Code	Title	Credits
Required Courses:		
CPM 475	Coatings' Materials Science	3
CPM 474	Applied Polymer Science	3
Select one lab course from the following:		1-2
CPM 483	Polymer Practicum	
CPM 484	Coatings I Laboratory	
CPM 485	Coatings II Laboratory	
CPM 487	Corrosion and Materials Laboratory	
Elective Courses: Select 9 credits from the following:		9
CHEM 240	Survey of Organic Chemistry ^{2,5}	
CHEM 341	Organic Chemistry I ^{1,5}	
CHEM 341L	Organic Chemistry I Laboratory ^{1,4}	
CHEM 342	Organic Chemistry II ^{1,5}	
CHEM 342L	Organic Chemistry II Laboratory ^{1,4}	
CPM 436	Biopolymers and Biocomposites	
CPM 472	Environment and Chemical Industries	
CPM 473	Polymer Synthesis ³	
CPM 483	Polymer Practicum	
CPM 484	Coatings I Laboratory	
CPM 485	Coatings II Laboratory	
CPM 486	Corrosion and Materials	
CPM 487	Corrosion and Materials Laboratory	
Total Credits		16-17

¹ If CHEM 341 & 341L and CHEM 342 & CHEM 342L are required for a student's major program of study, these credits cannot count toward the CPM minor.

² If CHEM 240 is required for the student's major degree, the credits cannot also count for the CPM minor.

³ Chemistry and Biochemistry & Molecular Biology majors are required to have CPM 473.

⁴ CHEM 353 & CHEM 354 can be substituted for CHEM 341L & CHEM 342L.

⁵ For the CPM minor a student cannot get credit for both CHEM 240 and CHEM 341/342.

Minor Requirements and Notes:

- A minimum of 8 credits must be taken at NDSU.