

Coatings and Polymeric Materials

Department Information

- **Department Web Site:**
www.ndsu.edu/cpm/ (<http://www.ndsu.edu/cpm/>)
- **Credential Offered:**
Minor
- **Program Overview:**
catalog.ndsu.edu/programs-study/undergraduate/coatings-polymeric-materials/ (<http://catalog.ndsu.edu/programs-study/undergraduate/coatings-polymeric-materials/>)

Minor Requirements

Minor: Coatings & Polymeric Materials

Required Credits: 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 (if CPM 487 was completed, select 8 credits)		9
CHEM 240	Survey of Organic Chemistry ^{2†}	
CHEM 341	Organic Chemistry I ^{1†}	
CHEM 341L	Organic Chemistry I Laboratory ^{1*}	
CHEM 342	Organic Chemistry II ^{1†}	
CHEM 342L	Organic Chemistry II Laboratory ^{1*}	
CPM 436	Biopolymers and Biocomposites	
CPM 451	Laboratory, Chemical, Radiation, and Biological Safety	
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.

*

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

†

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.