Coatings and Polymeric Materials

Department Information

- **Department Location:** Research 1
- **Department Phone:** 701-231-7633
- **Department Web Site:** www.ndsu.edu/cpm/
- **Credential Offered:** Minor
- **Program Overview:** bulletin.ndsu.edu/programs-study/undergraduate/coatings-polymeric-materials/

Minor Requirements

Coatings & Polymeric Materials Minor

Required Credits: 16

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CPM 475</td>
<td>Coatings’ Materials Science</td>
<td>3</td>
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<tr>
<td>CPM 474</td>
<td>Applied Polymer Science</td>
<td>3</td>
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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
- CHEM 341  Organic Chemistry I
- CHEM 341L Organic Chemistry I Laboratory
- CHEM 342  Organic Chemistry II
- CHEM 342L Organic Chemistry II Laboratory
- CPM 436  Biopolymers and Biocomposites
- CPM 451  Laboratory, Chemical, Radiation, and Biological Safety
- CPM 472  Environment and Chemical Industries
- CPM 473  Polymer Synthesis
- 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 352 & CHEM 352L 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 majors completing the CPM minor 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.