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

Minor Requirements

Required Credits: 16

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<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 $^{21}$
- CHEM 341  Organic Chemistry I $^{11}$
- CHEM 341L Organic Chemistry I Laboratory $^{1*}$
- CHEM 342  Organic Chemistry II $^{12}$
- 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

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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.