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>
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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:

- 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 11
- CHEM 341L Organic Chemistry I Laboratory 1*
- CHEM 342 Organic Chemistry II 11
- 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 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.