# Construction Management 2014

**Major: Construction Management**
- **Degree Type:** B.S.Cons.M.
- **Required Degree Credits to Graduate:** 127

## General Education Requirements

### First Year Experience (F):
- **UNIV 189**
  - Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189. (PP))
  - 1 credit

### Communication (C):
- **ENGL 110**
  - College Composition I (PP)
  - 3 credits
- **ENGL 120**
  - College Composition II (PP)
  - 3 credits
- **ENGL 320**
  - Business and Professional Writing
  - 3 credits
- or **ENGL 321**
  - Writing in the Technical Professions
- **COMM 110**
  - Fundamentals of Public Speaking (PP)
  - 3 credits

### Quantitative Reasoning (R):
- **MATH 146**
  - Applied Calculus I (PP)
  - 4 credits

### Science & Technology (S):
- **CHEM 121**
  - General Chemistry I
  - 4 credits
- & **121L**
  - and General Chemistry I Laboratory (PP)
- **PHYS 211**
  - College Physics I
  - 4 credits
- & **211L**
  - and College Physics I Laboratory
- **GEOL 105**
  - Physical Geology
  - 3 credits

### Humanities & Fine Arts (A):
- Select from current general education list

### Social & Behavioral Sciences (B):
- **ECON 105**
  - Elements of Economics (PP)
  - 3 credits
- **PSYC 111**
  - Introduction to Psychology (PP)
  - 3 credits

### Wellness (W):
- Select from current general education list

### Cultural Diversity (D):
- Select from current general education list

### Global Perspectives (G):
- **ECON 105**
  - Elements of Economics
  - 3 credits

**Total Credits:** 42
Major Requirements

General Education Requirements

Construction Management Core Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CM&amp;E 111</td>
<td>Introduction to Construction Management and Engineering (PP)</td>
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<tr>
<td>CM&amp;E 200</td>
<td>Construction Documents and Codes (PP)</td>
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<tr>
<td>CM&amp;E 203</td>
<td>Building Construction: Methods and Materials</td>
<td>3</td>
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<td>CM&amp;E 204</td>
<td>Construction Surveying</td>
<td>3</td>
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<td>CM&amp;E 212</td>
<td>Construction Graphic Communications (PP)</td>
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<td>CM&amp;E 240</td>
<td>Financial Cost Concepts for Construction Managers</td>
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<tr>
<td>CM&amp;E 250</td>
<td>Construction Statics and Mechanics</td>
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<tr>
<td>CM&amp;E 260</td>
<td>Soils and Foundations</td>
<td>3</td>
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<tr>
<td>CM&amp;E 301</td>
<td>Construction Technology and Equipment</td>
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<tr>
<td>CM&amp;E 305</td>
<td>Pre-Construction Management</td>
<td>3</td>
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<tr>
<td>CM&amp;E 315</td>
<td>Specifications and Contracts</td>
<td>3</td>
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<tr>
<td>CM&amp;E 380</td>
<td>Construction Estimating: Quantities and Costs</td>
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<tr>
<td>CM&amp;E 403</td>
<td>Scheduling and Project Control</td>
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<td>CM&amp;E 405</td>
<td>Construction Support Operations</td>
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<tr>
<td>CM&amp;E 421</td>
<td>Electrical and Mechanical Construction</td>
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<tr>
<td>CM&amp;E 430</td>
<td>Land Development</td>
<td>3</td>
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<tr>
<td>CM&amp;E 450</td>
<td>Steel Design and Construction</td>
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<td>CM&amp;E 453</td>
<td>Concrete Design and Construction</td>
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<tr>
<td>CM&amp;E 488</td>
<td>Course CM&amp;E 488 Not Found</td>
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<td>BUSN 431</td>
<td>Business Law I-Contracts, Property and Torts</td>
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<tr>
<td>MATH 105</td>
<td>Trigonometry (PP)</td>
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<tr>
<td>or MATH 107</td>
<td>Precalculus</td>
<td></td>
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<tr>
<td>STAT 330</td>
<td>Introductory Statistics</td>
<td>3</td>
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</tbody>
</table>

Additional Courses:
- BUSN 431 Business Law I-Contracts, Property and Torts 3
- MATH 105 Trigonometry (PP) 3
- or MATH 107 Precalculus
- STAT 330 Introductory Statistics 3

Business Minor Courses:
Students must apply for the minor through the College of Business and maintain a 2.50 cumulative GPA to be eligible to enroll in all 300/400 level courses offered by the College of Business 24

Total Credits 127

Degree Requirements and Notes

- A student must complete at least 60 semester credits of professional level course work in his/her program while in residence and enrolled in the college. Students transferring into the college from programs with professional accreditation are exempt from this residency requirement but are subject to the residency requirement of NDSU.
- Admission to the Pre-Professional Construction Management program requires a 2.50 cumulative GPA in college-level coursework if a student transfers from another NDSU program or from another university.
- Admission to the Construction Management Professional program requires a 2.75 cumulative GPA.
- A minor in Business Administration with a CGPA of 2.50 is required to graduate with a B.S. in Construction Management.