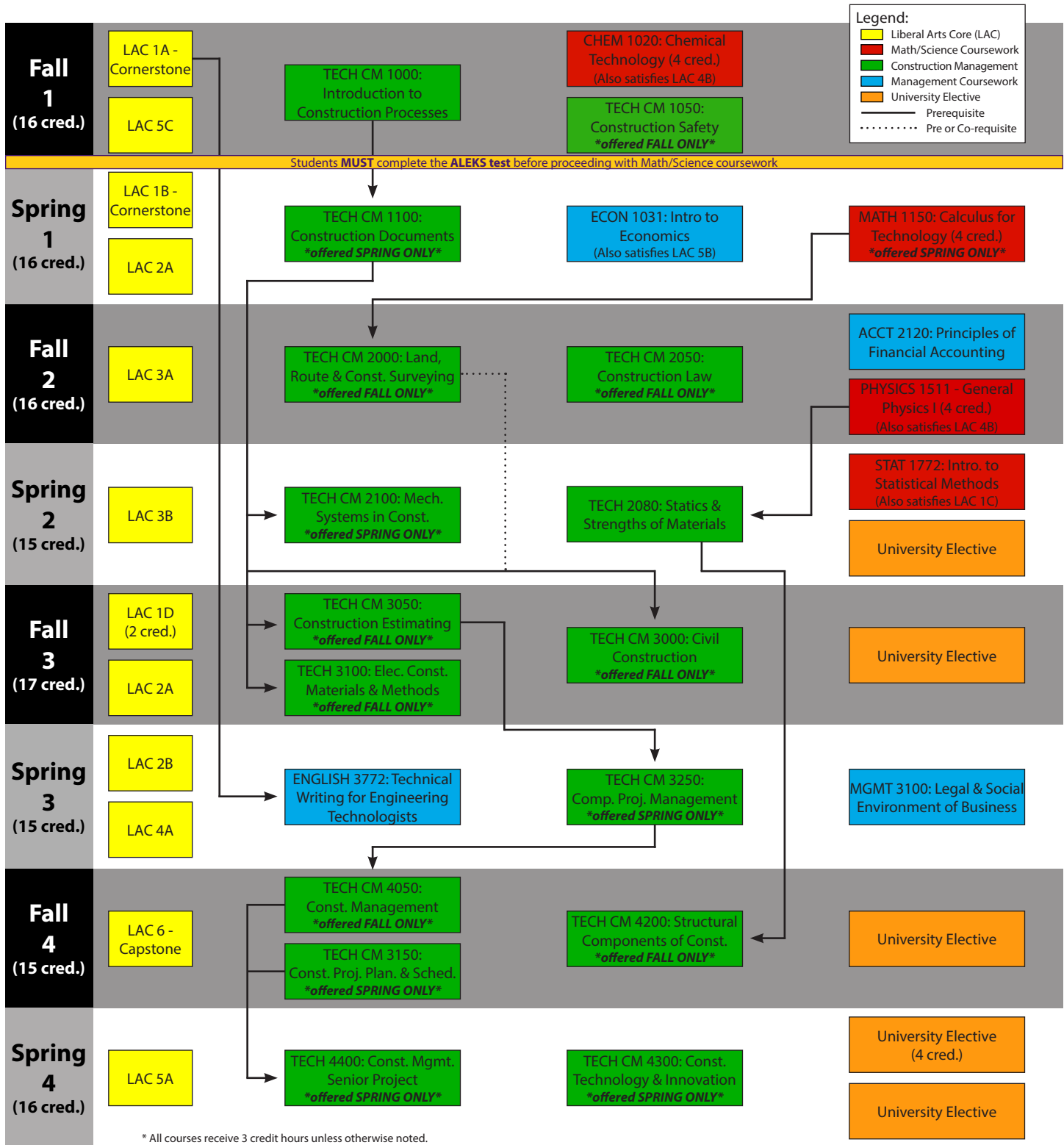


# Construction Management

- Bachelor of Science (B.S.)
- Recommended Course Sequence



## Department of Technology

University of Northern Iowa  
 25 Industrial Technology Center  
 Cedar Falls, IA 50614-0178  
 Phone: (319) 273-2561 || E-mail: technology@uni.edu

## Important ALEKS Test Information

The ALEKS test is a math placement test that all UNI students must complete prior to enrolling in certain math & science courses. Below are the scores required for the math & science requirements in this program:

- PHYSICS 1511: 45
- STAT 1772: 50
- MATH 1150: 61

# Construction Management

- Bachelor of Science (B.S.)
- Program Curriculum



## Mathematics/Science coursework 15 cred.

CHEM 1020 - Chemical Technology <i>• course also satisfies LAC category 4B</i>	4 cr.
MATH 1150 - Calculus for Technology	4 cr.
PHYSICS 1511 - General Physics I <i>• course also satisfies LAC category 4B</i>	4 cr.
STAT 1772 - Introduction to Statistical Methods <i>• course also satisfies LAC category 1C</i>	3 cr.

## Construction Management 48 cred.

TECH CM 1000 - Introduction to Construction Processes <i>• (formerly known as TECH 1018 - Construction Resources)</i>	3 cr.
TECH CM 1050 - Construction Safety	3 cr.
TECH CM 1100 - Construction Documents <i>• (formerly known as TECH 1025 - Construction Graphics)</i>	3 cr.
TECH CM 2000 - Land, Route & Construction Surveying	3 cr.
TECH CM 2050 - Construction Law <i>• (formerly known as TECH 2045 - Construction Law &amp; Documentation)</i>	3 cr.
TECH 2080 - Statics & Strengths of Materials	3 cr.
TECH CM 2100 - Mechanical Systems in Construction	3 cr.
TECH CM 3000 - Civil Construction <i>• (formerly known as TECH 3125 - Commercial &amp; Heavy/Highway Const.)</i>	3 cr.
TECH CM 3050 - Construction Estimating	3 cr.
TECH CM 3100 - Electrical Construction Materials & Methods	3 cr.
TECH CM 3150 - Construction Project Planning & Scheduling <i>• (formerly known as TECH 4153 - Const. Proj. Planning, Scheduling &amp; Controlling)</i>	3 cr.
TECH CM 3250 - Computerized Project Management <i>• (formerly known as TECH 4154 - Computerized Const. Estimating)</i>	3 cr.
TECH CM 4050 - Construction Management	3 cr.
TECH CM 4200 - Structural Components of Construction <i>• (formerly known as TECH 4175 - Structural Components in Construction)</i>	3 cr.
TECH CM 4300 - Construction Technology & Innovation <i>• (formerly known as TECH 4185 - Methods Improvement &amp; Const. Innovations)</i>	3 cr.
TECH CM 4400 - Construction Management Senior Project <i>• (formerly known as TECH 4100 - Undergraduate Research in Const. Mgmt.)</i>	3 cr.

## Management coursework 12 cred.

ACCT 2120 - Principles of Financial Accounting	3 cr.
ECON 1031 - Introduction to Economics <i>• course also satisfies LAC category 5B</i>	3 cr.
ENGLISH 3772 - Tech. Writing for Engineering Technologists	3 cr.
MGMT 3100 - Legal & Social Environment of Business	3 cr.

Credit Totals	
Math/Science coursework	15 cr.
Construction Management coursework	48 cr.
Management coursework	12 cr.
Liberal Arts core (LAC)	45 cr.
Credits counted twice (major & LAC)	-10 cr.
<b>Total</b>	<b>110 cr.</b>
University Electives needed	16 cr.
<b>Grand Total</b>	<b>126 cr.</b>

## Liberal Arts Core (LAC) 44-45 cred.

<b>Category I - Core Competencies</b>	<b>11 cred.</b>
A. Reading & Writing	3 cr.
B. Speaking & Listening	3 cr.
C. Quantitative Techniques & Understanding <i>• category completed with STAT 1772</i>	3 cr.
D. Personal Wellness	2 cr.
<b>Category II - Civilizations &amp; Cultures</b>	<b>9 cred.</b>
A. Humanities	6 cr.
B. Non-Western Cultures	3 cr.
<b>Category III - Fine Arts, Literature, Philosophy &amp; Religion</b>	<b>6 cred.</b>
A. Fine Arts	3 cr.
B. Literature, Philosophy or Religion	3 cr.
<b>Category IV - Natural Science &amp; Technology</b>	<b>7 cred.</b>
A. Life Sciences	3 cr.
B. Physical Science <i>• category completed with CHEM 1020 or PHYSICS 1511</i>	4 cr.
<b>Category V - Social Science</b>	<b>9 cred.</b>
A. Sociocultural & Historical Perspectives	3 cr.
B. Individual & Institutional Perspectives <i>• category completed with ECON 1031</i>	3 cr.
C. Topical Perspectives	3 cr.
<b>Category VI - Capstone Experience</b>	<b>2-3 cred.</b>

For detailed information regarding the Liberal Arts core (LAC), please visit [uni.edu/lac](http://uni.edu/lac).

## Utilizing University Electives

Students enrolled in the Construction Management B.S. program at UNI have 16 open university elective credits to complete prior to graduation. Selecting one of the minors below will effectively utilize these credits:

<b>General Business Concepts Minor</b>	<b>24 cr.</b>
ACCT 2120 - Principles of Financial Accounting ^	3 cr.
ECON 1011 - Statistics for Business Analytics	3 cr.
ECON 1031 - Intro to Economics ^	3 cr.
MKTG 2110 - Principles of Marketing	3 cr.
MGMT 2080 - Intro to Information Systems	3 cr.
MGMT 3100 - Legal & Social Environment of Business ^	3 cr.
MGMT 3153 - Organizational Management	3 cr.
STAT 1772 - Intro to Statistical Methods ^	3 cr.

<b>Real Estate Minor</b>	<b>15 cr.</b>
MKTG 2110 - Principles of Marketing	3 cr.
FIN 3110 - Principles of Real Estate	3 cr.
FIN 3115 - Real Estate Law & Brokerage	3 cr.
FIN 3120 - Real Estate Appraisal & Investment	3 cr.
Elective (TECH CM 1000 - Intro to Construction Processes) ^	3 cr.

^ - denotes course is also part of Construction Management curriculum.

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