

# CONSTRUCTION MANAGEMENT, BACHELOR OF SCIENCE (B.S.)

The Construction Management program is accredited by the American Council for Construction Education.

## Program Requirements

CIP Code: 52.2001

### Summary Checklist for General Education

Code	Title	Hours
<b>Element 1</b>		
A:	Written Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
B:	Written Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
C:	Oral Communication ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/</a> )	3
<b>Element 2</b>		
	Quantitative Reasoning ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/</a> )	3
<b>Element 3</b>		
A:	Arts ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/</a> )	3
B:	Humanities ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/</a> )	3
<b>Element 4</b>		
	Natural Sciences ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/</a> )	6
<b>Element 5</b>		
A:	Historical Science ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/</a> )	3
B:	Social Behavioral Science ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/</a> )	3
<b>Element 6</b>		
	Diversity of Perspectives Experiences ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/</a> )	6
<b>Total Hours</b>		<b>36</b>

Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

## Major

Code	Title	Hours
<b>University Graduation Requirements</b>		
	General Education	36

### Student Success Seminar

SCO 100	Student Success Seminar (waived for transfers with 30+ hours)	1
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Upper division courses (42 hours distributed throughout Major/Supporting/Gen Ed/Free Electives categories)

### Major Requirements

#### Core Courses

CON 121	Introduction to Construction	3
CON 201	Materials and Methods of Construction	3
CON 202	Materials and Methods of Construction II	3
CON 221	Plane Surveying	3
CON 294	Construction Graphics	3
CON 303	Statics and Strength of Materials	3
CON 307	Soils and Foundations	3
CON 320	Construction Surveying	3
CON 322	Construction Structural Design	3
CON 324	Mechanical/Electrical Systems	3
CON 325	Construction Estimating	4
CON 326	Horizontal Construction	3
CON 349	Applied Learning in Construction Management <sup>1</sup>	3
CON 420	Engineering Economy	3
CON 421	Construction Contracts	3
CON 425	Project Organization and Supervision	3
CON 426	Scheduling	3
CON 428	Construction Sustainability	3
CON 499	Construction Mgt. Capstone	4

#### Supporting Course Requirements

ACC 200	Survey of Accounting	3
AEM 310	Technical Communication	3
MGT 301	Principles of Management (NB)	3
ECO 230	Fundamentals of Microeconomics (Element 5B) <sup>G</sup>	
BUS 204	Fundamentals of Business Law and Ethics	3
GLY 108	Earthquakes and Volcanoes (Element 4) <sup>G</sup>	

Take the following MAT sequence or Or choose from seven hours of higher-level MAT courses:

MAT 120	Trigonometry (Element 2) <sup>G</sup>	
MAT 211 & MAT 217	Applied Calculus and	
TEC 161	Computer Applications in Technology	3
PHY 131	College Physics I (Element 4) <sup>G</sup>	

Choose three hours of ACC, CCT, CIS, ECO, FIN, GBU, RMI, MGT, MKT, or RST electives as approved by major advisor <sup>2,3</sup>

#### Exit Requirements

Students must take a construction assessment examination before graduation. An exam fee is required.

<b>Total Hours</b>		<b>121</b>
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#### G

Course also satisfies a General Education element. Hours are included within the 36 hr. General Education requirement above. A maximum of six hours will count toward Element 4.

#### 1

Three separate enrollments of CON 349 Applied Learning in Construction Management are recommended in order to achieve a total of 3 cr. hrs.

2 Construction Management, Bachelor of Science (B.S.)

2

Business electives may be upper or lower division as necessary in order to complete upper division requirement.

3

Students wishing to pursue the Minor in Business must confer with their major advisor to make substitutions to the supporting course requirements. QMB, RMI, and RST courses do not apply to the Minor in Business.