

**CONSTRUCTION MANAGEMENT**

125-128 Semester Hours

<b>FALL</b>		<b>SPRING</b>	
*FST 101 – Succeeding & Engaging at SIUE	1	Health Experience <sup>3</sup> (EH)	0/3
CNST 120 – Introduction to Construction	2	ACS 103 – Interpersonal Communication Skills <sup>5</sup> (EUSC)	3
ENG 101 – English Composition I <sup>1</sup>	3	ENG 102 – English Composition II <sup>4</sup>	3
MATH 150 – Calculus I <sup>2</sup> (QR)	5	MATH 152 – Calculus II (BPS)	5
ECON 111 – Macroeconomics (BSS)	3	ECON 112 – Microeconomics (BSS)	3
CHEM 120a – Gen Org and Biological Chem. (BPS)	3		
CHEM 124a – Gen Org and Biological Chem.Lab (EL)	1		
<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>14/17</b>

  

<b>FALL</b>		<b>SPRING</b>	
CNST 211 – Civil Construction Materials	3	CNST 210 – Building Const. Materials and Methods	3
STAT 244 – Statistics (BICS)	4	CNST 264 – Construction Surveying	4
ACCT 200 – Fundamentals of Financial Accounting	3	ACCT 210 – Managerial Accounting	3
PHYS 141 – Physics I for Engineering (BPS) <sup>+</sup>	3	CNST 241 – Statics and Mechanics of Solids <sup>6</sup>	4
PHYS 151L – University Physics Lab I (EL)	1	Breadth-Fine & Performing Arts (BFPA)	3
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>17</b>

<b>FALL</b>		<b>SPRING</b>	
CNST 332 – Mechanical System / HVAC	3	CNST 301/L – Soils	3
CNST 351 – Structural Systems	3	CNST 321 – Electrical Systems	3
FIN 320 – Fin. Management & Decision Making	3	CNST 341 – Plans and Specifications	3
ACCT 340 – Business Law for Accountants	3	CNST 353 – Computer Applications in Construction	3
Breadth-Life Science (BLS)	3	MGMT 330 – Understanding the Bus. Environment	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

  

<b>FALL</b>		<b>SPRING</b>	
CNST 403 – Planning and Scheduling	3	CNST 411 – Construction Contracts	3
CNST 451/L – Estimating and Bidding / Lab	4	CNST 452 – Construction Management	4
Technical Elective I	3	CNST 470 – Internship	3
Technical Elective II	3	IS 401 – Business and Society <sup>8</sup> (IS)/Global Cultures <sup>8</sup> (EGC)	3
RA 101 – Reasoning and Argumentative <sup>7</sup> (See note on PHIL 323 on reverse side)	3	Technical Elective III	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>16</b>

**Declaration of Major:** Students interested in any of the majors offered by the School of Engineering should seek advisement from the School of Engineering when they initially enroll in the University and should declare a major as soon as possible. Students admitted to programs offered by the School of Engineering shall have met University admission requirements, successfully completed any required academic development and high school deficiency courses, eligibility to enroll in MATH 125 – Pre-Calculus, and have a cumulative GPA of 2.0 or better in any completed University course work.

**SEE REVERSE SIDE FOR ADDITIONAL INFORMATION.  
FOR MORE INFORMATION CONTACT:  
THE DEPARTMENT OF CONSTRUCTION MANAGEMENT AT (618) 650-2088**

\*FST 101 – for first time freshmen only. Must be taken in the first semester.

<sup>†</sup>Physics I for Engineering - co-requisites: MATH 152 and PHYS 151L. prerequisites: ACT Math subscore of 28 or higher *or* high school physics grade of B or higher *or* Physics Readiness Exam Score 09 *or* PHYS 140.

<sup>1</sup>ENG 101 must be successfully completed within the First 30 Hours.

<sup>2</sup>Quantitative Reasoning (QR) 101 must be successfully completed within the First 60 Hours. MATH 150 successfully completed will fulfill this requirement.

<sup>3</sup>Students may be able to complete the Health Experience (EH) as an approved project or activity; if so, an additional course is not needed. (See academic advisor for approved project or activity). In addition, \*BIOL 203 or \*BIOL 205 will fulfill a BLS and EH requirement. \*Prerequisite/s required courses.

**Completion of 10-hour Occupational Safety and Health (OSHA) Training course will also fulfill the Health Experience (EH) requirement.**

<sup>4</sup>ENG 102 must be successfully completed within the First 45 Hours.

<sup>5</sup>ACS 103 must be successfully completed within the First 30 Hours. ACS 103 can be used as a Foundations course, and will also fulfill the EUSC requirement. If ACS 101 is taken instead of ACS 103, the EUSC requirement will have to be met by another appropriate course.

<sup>6</sup>Student has option of taking CE 240 (3) and CE 242 (3) in lieu of CNST 241.

<sup>7</sup>PHIL 323 will also satisfy the RA 101 requirement.

<sup>8</sup>Interdisciplinary Studies (IS) Courses must be taken at the junior/senior level class standing. This requirement is not waived with completion of transfer associate degree or IAI-GECC. It is recommended that students choose a course to meet this general education requirement and Global Cultures (EGC). The degree in Construction Management requires IS 401, which also satisfies the Interdisciplinary Studies (IS) and the GLOBAL CULTURES (EGC) requirement.

**CONSTRUCTION ELECTIVES**

Not all construction electives are offered every year. The courses to be offered are selected from the list below on the basis of student demand and faculty availability. Coursework from other departments must be approved in order to count towards the three required electives towards the major.

Approved List of Construction Electives			Cr.	FALL	SPRING	SUMMER
CNST	310	Legal aspects of land surveying	3	X		
CNST	364	Boundary surveying	3		X	
CNST	415	Land development	3		X	
CNST	425	Heavy civil construction	3	X		
CNST	432	Design build process	3	X		
CNST	442	Building information modeling	3	X		
CNST	482	Advanced survey systems	4	X		
CNST	484	Survey computations	4		X	
CNST	495	Topics in construction	3	X	X	X

**Minor Requirements:**

Twenty-one hours are required for a minor in Construction. The courses are to be selected from the Construction curriculum with approval by the Construction Management Department Chair. Students receiving a minor in Business Administration should view the requirements in the Business School's Homepage located at <http://www.siu.edu/business/>.

**Maintain a cumulative grade point average above 2.0 in all construction courses.**

**University Requirements (Non-General Education)**

- o Bachelor of Science Degree Requires completion of 8 lecture courses in life (BLS\* or LS\*), physical (BPS\* or PS\*) or social science (BSS\* or SS\*) including 2 with labs (EL\*)
- o Minimum of 120 semester hours must be completed.
- o Minimum GPA of 2.0 must be achieved.

\*Approved courses are identified in the catalog with this designation. Lists of approved classes may also be obtained at [siue.edu/registrar/genedguides.shtml](http://siue.edu/registrar/genedguides.shtml).