

Southern Illinois University Edwardsville
BACHELOR OF SCIENCE - CONSTRUCTION MANAGEMENT

This guide provides only a suggested course of study and should be used in consultation with an advisor and the SIUE Undergraduate Catalog, available online at www.siu.edu/registrar/.

| YEAR | FALL | SPRING | |
|------|---|--|---|
| 1 | CNST 120 Intro to Construction | 2 MATH 152 Calculus II (Dist NSM) | 5 |
| | CHEM 120a Gen, Org, & Biol Chem (Intro NSM) | 3 PHYS 151 University Physics I | 4 |
| | CHEM 124a Gen, Organic, & Biol Chem Lab | 1 PHYS 151L University Physics Lab I | 1 |
| | MATH 150 Calculus I (Intro NSM) | 5 ECON 112 Principles of Microecon (Dist SS) | 3 |
| | ECON 111 Principles of Macroecon (Intro SS) | 3 ENG 102 English Composition II | 3 |
| | ENG 101 English Composition I | 3 | |
| | 17 | 16 | |
| 2 | CNST 210 Construction Methods & Materials | 3 CNST 264 Construction Surveying | 4 |
| | CNST 241 Statics & Mechanics of Solids [^] | 4 ACCT 210 Managerial Accounting | 3 |
| | ACCT 200 Fundamentals of Financial Acct | 3 PHIL 106 Critical Thinking or | |
| | STAT 244 Statistics | 4 MATH 106 Deductive Reasoning | 3 |
| | Intro Fine Arts & Humanities# | 3 SPC 103 Interpersonal Comm Skills (IGR)* | 3 |
| | | 3 Intro Fine Arts & Humanities or Soc Sci# | 3 |
| | 17 | 16 | |
| 3 | CNST 332 Mechanical Systems/HVAC | 3 CNST 301 Soils | 3 |
| | CNST 351 Analysis, Design, & Construction of Structural Systems | 4 CNST 301L Soils Laboratory | 1 |
| | FIN 320 Financial Mgmt & Decision Making | 3 CNST 321 Electrical Systems | 3 |
| | Distribution Fine Arts & Humanities# | 3 CNST 341 Plans and Specifications | 3 |
| | | 3 CNST 353 Computer Application in Cnst | 3 |
| | | 3 Technical ELECTIVE I | 3 |
| | 13 | 16 | |
| 4 | CNST 403 Planning & Scheduling | 4 CNST 411 Construction Contracts | 3 |
| | CNST 451 Estimating & Bidding | 3 CNST 452 Construction Management | 4 |
| | CNST 451L Estimating & Bidding Lab | 1 CNST 470 Internship | 3 |
| | ECON 331 Labor Economics | 3 IS 401 Business and Society | 3 |
| | MGMT 340 Principles of Management | 3 Technical ELECTIVE III | 3 |
| | Technical ELECTIVE II | 3 | |
| | 17 | 16 | |

[^] CE 240 and CE 242 may be taken in place of CNST 241.

It is recommended that students choose a course to meet a general education requirement, i.e. Intro Fine Arts & Humanities, and International Issues/International Cultures. If a course is not selected that meets two general education requirements, then a course from the list of II/IC in the current SIUE Undergraduate Catalog must be taken.

* If SPC105 is taken instead of SPC 103, then a course from the list of Intergroup Relations in the current SIUE catalog must also be taken.

NOTE: The General Education courses listed in the curriculum guide meet Option A of the Skills requirement. A student who wishes to select Option B may replace PHIL 106 and SPC 103 with two semesters of a foreign language (101 and 102). An appropriate course is required to meet the Intergroup Relations requirement for students selecting Option B (see catalog).

For more information, contact the Construction Department, EB 3052, 650-2088, or Engineering Student Services, EB 2012, 650-5300.

CONSTRUCTION ELECTIVES

Not all construction elective courses are offered every year. The courses to be offered are selected from the list below on the basis of student demand and faculty availability. Course work from other departments must be approved by your departmental advisor.

EVENING OFFERINGS

The following courses are offered only in the evenings:

Fall

CNST 332 Mechanical Systems/HVAC

Spring

CNST 321 Electrical System

CNST 411 Construction Contracts

The following engineering courses are offered in the evenings as well as daytime offerings.

Fall

CE 242 Mechanics of Solids

Spring

CE 240 Statics

Summer

CE 240 Statics

CE 242 Mechanics of Solids

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 Math with Trigonometry, and have a cumulative GPA of 2.0 or better in any completed University course work.

Students with high school deficiencies, those with AD (academic development) requirements, and those starting in a mathematics course before MATH 150, Calculus I, will require more than the eight (8) academic semesters shown in this guide. This may require a summer session(s) or an extra semester(s).