**BS – Construction Science (SC-Bs/CSMG/BUS)**

2017 Catalog year: College of Science and Engineering

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science and Engineering Undergraduate Advising Center for advising.

### Core and Minor Requirements

**Note:**

- Orange courses require full major status. Must apply to CSM program in order to become a full major.
- Transfer coursework must be a “C” or higher to count towards degree.

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**Freshman Fall semester:**

- **MATH 2417** Pre-calculus (F,S,Su)
- **CSM 2313** Arch. Design I – Construction Documents (F,S,Su)
- **CSM 1260** Intro to Construction Industry (F,S)
- **PHYS 1315** Gen. Phys I (F,S,Su)
- **PHYS 1115** Gen. Phys I Lab (F,S,Su)

**Freshman Spring semester:**

- **MATH 2328** Elementary Statistics (F,S,Su)
- **PHYS 1325** Gen. Phys II (F,S,Su)
- **PHYS 1125** Gen. Phys II Lab (F,S,Su)

**Sophomore Fall semester:**

- **BLAW 2361** Legal Environment (F,S,Su)
- **ACC 2301** Accounting in Organizations & Society (F,S,Su)
- **CHEM 1315** Engineering Chemistry (F,S)
- **CHEM 1141** Gen. Chem I Lab (F,S,Su)
- **TECH 2351** Statics & Strengths of Materials (F,S,Su)

**Sophomore Spring semester:**

- **CSM 2342** Construction Materials & Processes (F,S,Su)
- **TECH 2351** Statics & Strengths of Materials (F,S,Su)

**Junior Fall semester:**

- **ECO 2301** Principles of Economics (F,S,Su)
- **CSM 2360** Res. Construction Systems (F,S)
- **CSM 2160** Intro to Construction Surveying & Site Layout (F,S)
- **CSM 3360** Structural Analysis (F,S)

**Junior Spring semester:**

- **CSM 3361** Commercial Building Construction (F,S)
- **CSM 3369** Construction Contracts, Liabilities, & Ethics (F,S,Su)
- **CSM 4369** Soils and Foundations (F,S)

**Senior Fall semester:**

- **CSM 3366** Construction Project Mgmt & Scheduling (F,S)
- **CSM 4364** Hvy. Civil & Hvy. Construction (F,S)
- **CSM 3367** Mechanical, Electrical, & Plumbing Systems (F,S,Su)
- **CSM 4360** Senior Construction Mgmt Captstone (F,S)

**Senior Spring semester:**

- **MGT 3303** Management of Organizations (F,S,Su)
- **TECH 4380** Industrial Safety (F,S,Su)
- **MKT 3343** Principles of Marketing (F,S,Su)
- **CIS 3317** E-Business (F,S,Su)

**Core courses must be completed:**

- **US 1100** History of Western Society (F,S)
- **COMM 1310** College Composition (F,S)
- **PHIL 1320** Introduction to Ethics (F,S)
- **ENG 1310** English Composition I (F,S)
- **ENG 1320** English Composition II (F,S)
- **ART/DAN/MU/TH 2313** Introduction to the Visual Arts (F,S)
- **HIST 1310** American History to 1877 (F,S)
- **HIST 1320** American History Since 1877 (F,S)
- **MAT 2380** Calculus I (F,S)
- **PHIL 1320** Introduction to Ethics (F,S)
- **POSI 2310** Foundations of Psychology (F,S)
- **POSI 2320** Psychology of Personality (F,S)

**Required WI courses:**

- CSM 4368, CSM 4369, TECH 4380

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**Notes:**

- Students must complete pre-construction courses (shaded blue) with a grade of “C” or higher and have a 2.50 GPA or higher on pre-construction coursework before applying to the Construction Science and Management program. Transfer coursework must be a “C” or higher to count towards degree.

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**KEY:**

- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught in specific semesters are indicated with the following codes:
  - F: Fall
  - Su: Summer Session I or II
  - S: Spring

- Required WI courses: CSM 4368, CSM 4369, TECH 4380

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**Required WI courses:**

- CSM 4368, CSM 4369, TECH 4380

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**Note:**

In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.