



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.

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

**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 4369, CSM or TECH 4380; See Advisor for other WI options

**Core courses must be completed:**

— 6 credits Core 010      TXST options: ENG 1310, ENG 1320, ENG 1321, ENG 3303, COMM 1310  
 — 3 credits Core 020      CIM required course: MATH 2321  
 — 6 credits Core 030      CIM required courses: PHYS 1315/1115 & CHEM 1335 or CHEM 1341  
 — 3 credits Core 040      TXST options: PHIL 1305 or 1320  
 — 3 credits Core 050      TXST options: ART 2313, DAN 2313, MU 2313, TH 2313  
 — 6 credits Core 060      TXST options: [HIST 1310/2327/2381] & [HIST 1320/2328/2382]  
 — 6 credits Core 070      TXST options: POST 2310 & POST 2320  
 — 3 credits Core 080      CIM required course: ECO 2301  
 — 6 credits Core 090, 091, 092, 093, and 094      See catalog for options: <http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>

US 1100 may be required for some students. Consult with an advisor regarding course choices.

# Technical Elective Options for Concrete Industry Management Program

## Technical Elective Group 1

**(Choose 1 Course from the following):**

- GEOL 1410 – Physical Geology – Coarse and fine aggregates (i.e. rock and sand) are integral ingredients in concrete mixes. Students who are interested in careers in aggregate operations or mining operations should consider this elective.
- TECH 3364 – Quality Assurance – Students who are interested in careers in quality management and quality control of concrete products should consider this elective.
- CSM 2342 – Construction Materials and Processes – Students who are interested in careers in vertical concrete construction, and understanding how concrete interacts with other building materials in the total construction project should consider this elective.
- CSM 3363 – Heavy, Civil and Highway Construction Systems – Concrete is an integral component of civil and highway construction. Students who are interested in careers in highway and infrastructure construction should consider this elective.
- CSM 3366 – Soils and Foundations – Understanding how soils interact with concrete structures is applicable to students considering careers in vertical concrete construction and infrastructure construction.

**(Check Prerequisites)**

## Technical Elective Group 2 – Safety Elective

**(Choose 1 Course from the following):**

- TECH 4380 – Industrial Safety – Safety processes and compliance differ from the plant environment to the construction jobsite. Students who are interested in careers in aggregate production and management, cement production and management, ready mix production and management, and precast concrete production and management should consider this elective.
- CSM 4380 – Construction Safety – Students who are interested in careers in vertical concrete construction and understanding safety requirements on the construction project site should consider this elective.

**(Check Prerequisites)**