

PROFESSIONAL ELECTIVE LIST

Department of Architectural Engineering and Construction Science and Management Kansas State University

Construction Science and Management

Fall 2025

Professional electives are upper level courses selected to develop and enhance a student's knowledge of a specific specialty area in the science of construction.

Students may take any of the courses on the approved list above or on the approved list below to meet the remainder of their professional elective requirements. Students are responsible for checking current semester offerings and prerequisites and meeting any such requirements prior to enrolling in any of the following courses.

- CNS 544 Honors Research in Construction Science (Var)
 - 1 hour credit competition teams (max. 2 competitions) OR
 - 1 hour credit Approved Independent Study (see independent study guidelines)
- CNS 545 Heavy Construction Methods (3) (F)
- CNS 628 Precast and Prestressed Concrete Construction (F)
- CNS 629 Tilt-up Concrete Structures in Construction Management (2) (S)
- CNS 634 Building Systems Commissioning (2) (on demand)
- CNS 644 Topics in Construction Management (Var)
- CNS 655 Current Trends in Construction (2) (F, S)
- CNS 738 Mechanical and Electrical Estimating (2) (F, S)

- IMSE 530 Engineering Economics Analysis (2 or 3) (F, S)

- GEOG 360 Sustainability Concepts & Issues (3)

Course offerings: F = Fall, S = Spring, U = Summer, Int = Intersession