WHAT IS CIVIL ENGINEERING?
Civil Engineering is one of the oldest engineering disciplines with the focus on the built environment that encompasses much of what defines modern civilization: buildings, bridges, roads, etc.

WHY CIVIL ENGINEERING AT OSU?
The mission of Civil Engineering at OSU is to educate civil and environmental engineers with knowledge and skills for life-long careers, to conduct research and scholarly activities, and to share knowledge through outreach activities. Our graduates practice in local, state, and government agencies, as well as small, medium and large consulting firms both domestic and internationally.

HIGHLIGHTS
• Exciting, world class research opportunities in the Bert Cooper Engineering Laboratory.
• Winner of the American Society of Civil Engineers Walter Fl. LeFevre Award for 2018 to recognize actions in promoting licensure, ethics and professionalism.
• CIVE educates civil and environmental engineers with knowledge and skills for life-long careers; conducts research and scholarly activities; and shares knowledge through outreach activities.

CAREER INDUSTRIES & FOCUS AREAS

OPTIONS
Environmental

CAREER OPPORTUNITIES
• Structural Engineer
• Transportation Engineer
• Environmental Engineer
• Geotechnical Engineer
• Water Resources Engineer
• Construction Project Manager
• Project Engineer
• Field Engineer

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# Typical Four-Year Curriculum

## FIRST YEAR
### Fall Semester
- **ENGR 1412** Engr Programming
- **CHEM 1414** Chem for Engr
- **ENGR 1111** Intro to Engr
- **MATH 2144** Calc I
- **ENGL 1113** Comp I
- **POLS 1113** Am Govt

### Spring Semester
- **ENGR 1322** AutoCad
- **PHYS 2014** Physics I
- **MATH 2153** Calc II
- **HIST 1103** Survey of Am Hist
- **XXXX XXXX** Science Elective

## SECOND YEAR
### Fall Semester
- **ENSC 2113** Statics
- **PHYS 2114** Physics II
- **MATH 2163** Calc III
- **SPCH 2713** Intro to Speech
- **CIVE 2041** Soph Seminar
- **XXXX XXXX** “H”/“D”/“I” Elective

### Spring Semester
- **ENSC 2143** Strengths
- **ENSC 3233** Fluids
- **CIVE 3813** Envr Engr
- **CIVE 3614** Surveying
- **MATH 2233** Diff Eq

## THIRD YEAR
### Fall Semester
- **CIVE 3714** Geotech Engr
- **CIVE 3413** Structural Analy
- **ENSC 2123** Dynamics
- **STAT 4033** Engr Stat
- **XXXX XXXX** “H”/“D”/“I” Elective

### Spring Semester
- **CIVE 3833** Hydraulics
- **CIVE 3623** Materials
- **CIVE 3523** Concrete
- **CIVE 3843** Hydrology
- **CIVE 3633** Transportation

## FOURTH YEAR
### Fall Semester
- **CIVE 4273** Const Proj Mngmt
- **CIVE 4833** Unit Ops
- **CIVE 3513** Steel
- **CIVE 4041** Engr Practice
- **ENGL 3323** Tech Writing
- **XXXX XXXX** Controlled Elective

### Spring Semester
- **IEM 3503** Engr Econ
- **CIVE 4043** Sr Design
- **XXXX XXXX** Controlled Elective
- **XXXX XXXX** Controlled Elective
- **XXXX XXXX** “S”/“D”/“I” Elective

## TOTAL HOURS: 128


Contact | ceat.recruitment@okstate.edu | (405)-744-5279

This course plan is for general guidance only. An official course plan will be provided upon enrollment.