



COLLEGE OF
ENGINEERING, ARCHITECTURE
AND TECHNOLOGY

CIVE CIVIL ENGINEERING



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 and ENDEAVOR.
- Winner of the American Society of Civil Engineers Walter F. 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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BACHELOR OF SCIENCE
CIVIL ENGINEERING

Typical Four-Year Curriculum

FIRST YEAR

Fall Semester

ENGR	1412	Intro Eng Computer Prgm
CHEM	1414	Chem for Engr
ENGR	1111	Intro to Engr
MATH	2144	Calc I
ENGL	1113	Comp I
POLS	1113	Amer Govt

Spring Semester

BIOL	1114 or GEOL 1114	Science Elective
ENGR	1322	AutoCAD
PHYS	2014	Physics I
MATH	2153	Calc II
HIST	1103	American Hist
CIVE	2081	Environmental Chem for Engineers

SECOND YEAR

Fall Semester

CIVE	2041	Soph Seminar
ENSC	2113	Statics
PHYS	2114	Physics II
MATH	2163	Calc III
SPCH	2713	Intro to Speech (S)
MATH	2233	Differential Eq

Spring Semester

ENSC	2143	Strength of Materials
ENSC	2141	Strength of Materials Lab
ENSC	3233	Fluids
ENSC	3231	Fluids Lab
ENSC	2123	Dynamics
CIVE	3614	Surveying
ENSC	3231	Fluids Lab
ENSC	2141	Strength of Materials Lab

THIRD YEAR

Fall Semester

CIVE	3714	Geot Engr
CIVE	3413	Str Analy
CIVE	3813	Envr Engr
STAT	4033/4073	Engr Stat
Humanities Elective (3) (H, D, I)		

Spring Semester

CIVE	3833	Hydraulics
CIVE	3623	Materials
CIVE	3523	Concrete
CIVE	3843	Hydrology
CIVE	3633	Transportation

FOURTH YEAR

Fall Semester

IEM	3503	Engr Econ
CIVE	4833	Unit Ops
CIVE	3513	Steel
CIVE	4041	Engr Practice
ENGL	1213 or 3323	Comp II or Tech Writing
Contr Elective		

Spring Semester

CIVE	4273	Const Proj Mgmt
CIVE	4043	Sr Design
Contr Elective		
Contr Elective		
Humanities Elective (3) (H, D, I)		

TOTAL HOURS: 128

Accredited by the Engineering
Accreditation Commission of ABET,
<http://www.abet.org>.



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

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