

# IRRIGATION ENGINEERING MINOR

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The Irrigation Engineering minor is available to any undergraduate student accepted into the professional engineering program. It exposes engineering students to agricultural, biological, and engineering sciences needed to specialize in agricultural and food-related industries.

Code	Title	Hours
<b>Engineering</b>		
<i>Required</i>		
BEE 433	IRRIGATION SYSTEM DESIGN	4
CE 311	FLUID MECHANICS	4
CE 313	HYDRAULIC ENGINEERING	4
<i>Electives</i>		
BEE 529	BIOSYS MODELING TECHNIQUES	3
CE 412	HYDROLOGY	4
CE 417	HYDRAULIC ENGINEERING DESIGN	4
ST 314	INTRODUCTION TO STATISTICS FOR ENGINEERS	3
<b>Science</b>		
<i>Required</i>		
CROP 200	CROP ECOLOGY AND MORPHOLOGY	3
CSS 305	PRINCIPLES OF SOIL SCIENCE (EOU campus only)	4
or SOIL 205	SOIL SCIENCE	
CSS 306	PROBLEM SOLVING: SOIL SCIENCE APPLICATIONS (EOU campus only)	1
<i>Electives</i>		
BI 212	*PRINCIPLES OF BIOLOGY	4
BOT 331	PLANT PHYSIOLOGY	4
MB 230	*INTRODUCTORY MICROBIOLOGY	4
Total Hours		46

\* Baccalaureate Core Course (BCC)

**Minor Code: 304**