

IRRIGATION ENGINEERING MINOR

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

Minor Code: 304

Code	Title	Credits
Required		
BEE 311	ECOLOGICAL FLUID MECHANICS	4
or CE 311	FLUID MECHANICS	
BEE 312	ECOHYDRAULICS	4
or CE 313	HYDRAULIC ENGINEERING	
BEE 313	ECOHYDROLOGY	4
or CE 412	HYDROLOGY	
BEE 433	IRRIGATION SYSTEM DESIGN	4
BEE 458	NONPOINT SOURCE POLLUTION ASSESSMENT AND CONTROL	3
Electives		
Select 8 credits from the following:		8
BI 221	*PRINCIPLES OF BIOLOGY: CELLS	
or BI 212	*PRINCIPLES OF BIOLOGY	
BOT 331	PLANT PHYSIOLOGY	
CE 417	HYDRAULIC ENGINEERING DESIGN	
MB 230	*INTRODUCTORY MICROBIOLOGY	
SOIL 205	SOIL SCIENCE	
& SOIL 206	and *SOIL SCIENCE LABORATORY FOR SOIL 205 ¹	
Total Credits		27

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Baccalaureate Core Course (BCC)

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For non-Ecological Engineering BS Majors only

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