

# MINOR IN SOIL ECOSYSTEMS SCIENCE AND CONSERVATION

## Requirements Effective Fall 2024

Additional coursework may be required due to prerequisites.

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Code	Title	Credits
<b>Required Courses</b>		
SOCR 210	Microbiome Roles in a Sustainable Earth (GT-SC2)	3
SOCR 240	Introductory Soil Science	4
SOCR 470	Soil Physics	3
<b>Selected Courses</b>		
Select one of the following:		4
GEOL 454	Geomorphology	
SOCR 440	Pedology	
Select one of the following:		3-4
BZ 440	Plant Physiology	
SOCR 421	Agroecosystem Management	
SOCR 441	Soil Ecology	
SOCR 455	Microbiomes of Soil Systems	
Select one of the following:		3-4
SOCR 350 & SOCR 351	Soil Fertility Management and Soil Fertility Laboratory	
SOCR 375	Soil Biogeochemistry	
SOCR 467	Soil and Environmental Chemistry	
<b>Additional Electives</b>		
Select one additional course from above or from the list of additional electives. Must have minimum of 21 credits total.		1-3
SOCR 370	Climate-Smart Irrigation Principles	
SOCR 371	Climate-Smart Irrigation Management	
SOCR 400	Soils and Global Change-Impacts and Solutions	
SOCR 442	Forest and Range Soils	
SOCR 487	Internship	
<b>Program Total Credits:</b>		<b>21-25</b>