

Comparing requirements for the Soil and Water Science concentration versus pre-medicine requirements:

Recommended Pre-med courses	Required Courses in Soil and Water Science	Notes
Introductory Biology: BIOL 1030+1050 and BIOL 1040+1060, or BIOL 1100 and BIOL 1110	Required for Soil and Water Science	
Introductory Chemistry: CH 1010 and CH 1020	Required for Soil and Water Science	
CH 2230+2270, and CH 2240+2280	Organic Chemistry: CH 2010+2020	Substitutions can be granted for Soil and Water Science students who wish to take CH 2230+2270
Either BCHM 3010 or 3050 are recommended	BCHM 3050 can be used as concentration credit	Soil and Water Science students are required to take several courses towards their concentration requirement, and BCHM 3050 can count as one of those courses.
Either the PHYS 1220+1240 and PHYS 2210+2230 sequence; or the PHYS 2070+2090 and PHYS 2080+2100 sequence	PHYS 2070+2090 and PHYS 2080+2100 are both required for Soil and Water Science students	
Introductory Psychology	Two courses in social sciences are required for Soil and Water Science. Introductory Psychology can fulfill one of those requirements.	
Introductory Sociology	Two courses in social sciences are required for Soil and Water Science. Introductory Sociology can fulfill one of those requirements.	

Additional recommended Pre-med courses	Required Courses in Soil and Water Science	Notes
Anatomy and Physiology: BIOL 2220 and 2230, or BIOL 3150 and 3160	Not required for Soil and Water Science	
Cell Biology: BIOL 4610	Not required for Soil and Water Science	
Genetics: GEN 3000 or GEN 3020	Not required for Soil and Water Science	
Microbiology: MICR 3050	Required for Soil and Water Science	

Requirements vary by institution and should be verified individually.