



Check or list course sub	REQUIRED COURSES		Offered	Prerequisites	# of credits
_____	GEOL 150	Physical Geology for Scientists/Engineers	F		4 or 3
	-OR- ESS/GR 210	Physical Geography	F		
_____	WR/GR 204	Sustainable Watersheds	F, S	Completion of the AUCC 1B mathematics requirement	3
_____	WR 416	Land Use Hydrology	F	SOCR 240 or Geology, Statistics, Physics	3
_____	WR 486	Watershed Practicum	F	Junior year standing	2

Check or list course sub	SELECT 10 CREDITS		Offered	Prerequisites	# of credits
_____	AREC 342	Water Law, Policy & Institutions	S		3
	ATS 350	Weather and Climate	F, S		2
	CHEM 334	Quantitative Analysis Laboratory	F, S	CHEM 114; CHEM 335 (may be taken concurrently)	1
	CHEM 335	Introduction to Analytical Chemistry	F, S	CHEM 114 (min. grade C); CHEM 335 (may be taken concurrently)	3
	CHEM 338	Environmental Chemistry	S (odd years)	CHEM 113	3
	CIVE/ ENVE 322	Physical Hydrology	F, S	CBE 331 or CIVE 300 or WR 416; CIVE 203 or STAT 301 or 315	3
	CIVE 413*	Environmental River Mechanics	F	CIVE 300 or WR 416	3
	CIVE 423	Groundwater Engineering	S	CBE 331 or CIVE 300 or WR 416	4
	CIVE 440	Nonpoint Source Pollution	F	CIVE 300 or 322 or SOCR 240 or WR 416	3
	ESS/BZ 474	Limnology	S (odd years)	LAND/LIFE 220 or LIFE 320	3
	GEOL 452	Hydrogeology	F	GEOL 120 or 122 or 134 or 150 or GR 210; MATH 161 or 255; PH 121 or 141	4
	GEOL 454	Geomorphology	S	GEOL 120 or 122 or 124 or 150 or GR 210; STAT 301 or concurrent reg.	4
	SOCR 322	Principles of Microclimatology	S	3 credits in Physics	3
	SOCR 470	Soil Physics	F	SOCR 240 or GEOL 232	3
	SOCR 471	Soil Physics Lab	F	SOCR 470 or concurrent reg.	1
	SOC 461	Water, Society & Environment	F, S, SS	SOC 100 or 105	3
WR 406	Seasonal Snow Environments	S (odd years)	Junior or Senior year standing	3	

	WR 417	Watershed Measurements	F	Concurrent reg. in WR 416	3
	WR 418	Land Use and Water Quality	S	Any undergraduate chemistry class with lab	3
	WR 419	Water Quality Analyses	S	CHEM 107 or 111; STAT 301 or 315; WR 417	3
	WR 474	Snow Hydrology	F	WR 416	3

*Consult with advisor before signing up for this course.