



INTERDISCIPLINARY MINOR IN GLOBAL ENVIRONMENTAL SUSTAINABILITY CHECKSHEET

The School of Global Environmental Sustainability is now proud to offer an interdisciplinary minor in Global Environmental Sustainability. The minor will provide students from across the University the opportunity to obtain a background in the interdisciplinary field of Global Environmental Sustainability including the physical and biological, economic, social and skills/methods pillars of sustainability.

REQUIRED GES COURSES

	Course Code	Course Name	Offered	Credits	Prerequisites
<input type="checkbox"/>	GES 101	Foundations of Env. Sustainability	F,S	3	
<input type="checkbox"/>	GES 470	Applications of Env. Sustainability	F,S	3	GES 101, 15 credits of GES Minor Courses

GROUP A. SOCIETY AND SOCIAL PROCESSES SELECT ONE COURSE FROM THE FOLLOWING LIST **KEY** - F: FALL, S: SPRING, (E)/(O) EVEN/ODD YEARS, SS: SUMMER SESSION, O: AVAILABLE ONLINE

	Course Code	Course Name	Offered	Credits	Prerequisites
<input type="checkbox"/>	AGRI/IE 116	Plants and Civilizations	F,S	3	
<input type="checkbox"/>	AGRI/PHIL 330	Agricultural Ethics	S	3	CO150
<input type="checkbox"/>	ANTH/GR 200	Cultures & the Global Systems	F,S,O	3	
<input type="checkbox"/>	ANTH 330	Human Ecology	F,O	3	(ANTH 100 or ANTH 200) and (ANTH 120 or BZ 101 or LAND/LIFE 220)
<input type="checkbox"/>	ANTH 415	Indigenous Ecologies & the Modern World	F,S,SS,O	3	
<input type="checkbox"/>	ANTH 453	Impacts on Ancient Environments	F	3	ANTH 140
<input type="checkbox"/>	ET 256	Border Crossings: People/Politics/Culture	S	3	
<input type="checkbox"/>	GR 100	Introduction to Geography	F,S,O	3	
<input type="checkbox"/>	GR 320	Cultural Geography	F(O),O	3	GR 100
<input type="checkbox"/>	HIST 355	American Environmental History	F	3	HIST 101 or HIST 150 or HIST 151 or HIST 171
<input type="checkbox"/>	HIST 470	World Env. History, 1500-Present	F	3	3 CREDITS OF HIST; COMPLETION OF 45 CREDITS
<input type="checkbox"/>	HIST 471	History of Antarctica, 1800-Present	F,S,SS,O	3	3 CREDITS OF HIST; COMPLETION OF 45 CREDITS
<input type="checkbox"/>	HORT/SOCR 424	Topics in Organic Agriculture	S(E)	3	AREC 202 or ECON 202; AREC 328; HORT 100 or SOCR 100; HORT 171/SOCR 171;SOCR 240
<input type="checkbox"/>	NR 320	Natural Resources History & Policy	F,S,SS	3	
<input type="checkbox"/>	NR 425	Natural Resource Policy & Sustainability	S	3	NR 320
<input type="checkbox"/>	PHIL 320	Ethics of Sustainability	F,S	3	
<input type="checkbox"/>	PHIL 345	Environmental Ethics	F,S	3	SOPHMORE STANDING OR HIGHER
<input type="checkbox"/>	POLS 361	U.S. Environmental Politics & Policy	F,S,SS,O	3	POLS 101
<input type="checkbox"/>	POLS 362	Global Environmental Politics	F,S,SS	3	POLS 232 or POLS 241
<input type="checkbox"/>	POLS 442	Environmental Politics in the Developing World	F,S,SS	3	POLS 241
<input type="checkbox"/>	PSY316	Environmental Psychology	F,S, SS	3	PSY100
<input type="checkbox"/>	SOC 220	Global Environmental Issues	F,S	3	
<input type="checkbox"/>	SOC 320	Population, Nat. Resources, & the Env.	F,O	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOC 322	Introduction to Environmental Justice	F,S	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOC 364	Agriculture, & Global Society	S	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOC 460	Society & Environment	F,S,SS	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOC 461	Water, Society, & the Environment	F,S,SS,O	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOC 463	Sociology of Disasters	S,O	3	SOC 100 or SOC 105

GROUP B. BIOLOGICAL AND PHYSICAL PROCESSES *SELECT ONE COURSE FROM THE FOLLOWING LIST* **KEY - F: FALL, S: SPRING, (E)/(O) EVEN/ODD YEARS, SS: SUMMER SESSION, O: AVAILABLE ONLINE**

<input type="checkbox"/>	Course Code	Course Name	Offered	Credits	Prerequisites
<input type="checkbox"/>	ANTH 453	Impacts on Ancient Environments	F	3	ANTH 140
<input type="checkbox"/>	BSPM 308	Ecology and Management of Weeds	F	3	BZ 120 or LIFE 103; CHEM 107 or CHEM 111
<input type="checkbox"/>	BZ 471	Stream Biology and Ecology	F(O)	3	LAND/LIFE 220 or LIFE 320
<input type="checkbox"/>	BZ/NR 353	Global Change Ecology, Impacts & Mit.	S	3	LAND/LIFE 220 or LIFE 320
<input type="checkbox"/>	ERHS 320	Environmental Health Water Quality	F	3	MIP 300
<input type="checkbox"/>	ERHS 430	Human Disease & the Environment	S	3	
<input type="checkbox"/>	ERHS 448	Env. Contaminants: Exposure & Fate	F	3	CHEM 245 or CHEM 341 or CHEM 345; LIFE 102
<input type="checkbox"/>	GEOL 122	The Blue Planet: Geology of our Env.	F,S,SS	3	
<input type="checkbox"/>	GR 100	Introduction to Geography	F,S,O	3	
<input type="checkbox"/>	GR/ESS 210	Physical Geography	F	3	
<input type="checkbox"/>	GR 410	Climate Chnage: Science, Policy, Impl.	S	3	3 CREDITS OF GR COURSE WORK
<input type="checkbox"/>	HORT/SOCR 171	Environmental Issues in Agriculture	F	3	
<input type="checkbox"/>	LAND/LIFE 220	Fundamentals of Ecology	F,O	3	3 CREDITS OF 100-LEVEL BIO or HORT 100; 3 CREDITS OF 100-LEVEL MATH
<input type="checkbox"/>	LAND 364	Design & Nature	F	3	LAND 361
<input type="checkbox"/>	LAND 444	Ecology of Landscapes	S	3	LAND 360; ONE COURSE IN BIOLOGY
<input type="checkbox"/>	LIFE 320	Ecology	F,S,SS	3	BZ 101 or BZ 104 or BZ 110 or BZ 120 or LIFE 102; MATH 141 or MATH 155 or MATH 160
<input type="checkbox"/>	MATH/BZ 348	Theory of Population & Evolutionary Eco.	F	3	MATH 155 or MATH 160
<input type="checkbox"/>	NR 120	Environmental Conservation	F,S,O	3	
<input type="checkbox"/>	NR 130	Global Environmental Systems	F,S,SS	3	
<input type="checkbox"/>	RS 351	Wildland Ecosystems in a Changing World	F	3	LAND/LIFE 220 or LIFE 320; SOCR 240
<input type="checkbox"/>	SOCR 341	Soil Ecology	S	3	SOCR 240
<input type="checkbox"/>	SOCR 343	Composting Principles & Practices	F	3	SOCR 240; SOCR 341; SOCR 342; SOCR 350
<input type="checkbox"/>	SOCR 440	Pedology	F	3	
<input type="checkbox"/>	WR/GR 304	Sustainable Watersheds	F,S	3	COMPLETION OF AUCC 1B MATH REQUIREMENT

GROUP C. ECONOMY, PROFITABILITY *SELECT ONE COURSE FROM THE FOLLOWING LIST* **KEY - F: FALL, S: SPRING, (E)/(O) EVEN/ODD YEARS, SS: SUMMER SESSION, O: AVAILABLE ONLINE**

<input type="checkbox"/>	Course Code	Course Name	Offered	Credits	Prerequisites
<input type="checkbox"/>	AREC 202	Agricultural & Resource Economics	F,S,O	3	MATH 117 or 117 or 124 or 125 or 126 or 141 or 155 or 160
<input type="checkbox"/>	AREC/ECON 240	Issues in Environmental Economics	F,S	3	
<input type="checkbox"/>	AREC/ECON 340	Intro. Economics of Natural Resources	S,O	3	AREC 202 or ECON 202
<input type="checkbox"/>	AREC/ECON 346	Economies of Outdoor Recreation	F	3	AREC 202 or ECON 202
<input type="checkbox"/>	AREC 415	International Agricultural Trade	F,O	3	AREC 310; ECON 204
<input type="checkbox"/>	AREC 442	Water Resource Economics	S	3	AREC 342; ECON 306
<input type="checkbox"/>	AREC 460	Ag and Resource Based Economic Development	S	3	ECON 306
<input type="checkbox"/>	F322	Economics of the Forest Environment	S	3	ARE202 or ECON202 or ECON/ARE240
<input type="checkbox"/>	MGT 360	Social & Sustainability Venturing	S	3	JUNIOR STANDING OR HIGHER
<input type="checkbox"/>	NR 425	Natural Resource Policy & Sustainability	S	3	NR 320

GROUP D. SKILLS *SELECT ONE COURSE FROM THE FOLLOWING LIST***KEY** - F: FALL, S: SPRING, (E)/(O) EVEN/ODD YEARS, SS: SUMMER SESSION, O: AVAILABLE ONLINE

	Course Code	Course Name	Offered	Credits	Prerequisites
<input type="checkbox"/>	AREC 442	Water Resource Economics	S	3	AREC 342; ECON 306
<input type="checkbox"/>	HORT 344	Organic Greenhouse Production	S	1	HORT 310
<input type="checkbox"/>	HORT/SOCR 345	Diag. & Treatment in Organic Fields	SS	2	BSPM 302 or BSPM 308 or BSPM 361; HORT 100 or SOCR 100; SOCR 240
<input type="checkbox"/>	HORT/LAND 368	Landscape Irrigation and Water Cons.	F,S	3	HORT 100 or LAND 110
<input type="checkbox"/>	LAND 364	Design and Nature	F	3	LAND 361
<input type="checkbox"/>	MATH/BZ	Theory of Pop. & Evolutionary Ecology	F	3	MATH 155 or MATH 160
<input type="checkbox"/>	NR 320	Natural Resource History & Policy	F,S	3	
<input type="checkbox"/>	SOC 320	Population, Natural Resources, & the Env.	F	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOC 463	Sociology of Disasters	S,O	3	SOC 100 or SOC 105
<input type="checkbox"/>	SOCR 440	Pedology	F	3	
<input type="checkbox"/>	SOCR 478	Environmental Soil Science	S	3	SOCR 467; SOCR 470

UPPER DIVISION ELECTIVE COURSE

- Students must take an **upper division** elective course from Group A, B, C or D.
- The course must have a different subject code (e.g. AREC, NR, etc) than any course being used to satisfy the requirements of GROUPS A, B, C, or D.

GES MINOR INFORMATION

Students pursuing the GES Undergraduate IM will be required to take GES 101 and GES 470. Further students must take 5 classes (15 credits), one each from group A, B, C, D plus an additional elective course from any single group. At least three classes from groups A, B, C and D must be taken from three different colleges. Some classes in the IM will fit into multiple groups. Such courses may only count towards one group. Students will not be allowed to take more than two classes with the same prefix throughout the entire minor (two courses with the same subject code is the max a student can take). Twelve of the 21 credits must be upper division (300 level or above) including GES470. GES 101 and 5 core courses are meant to be taken in sequence, meaning they should be taken before a student takes the GES 470. However, students must take GES 101 before taking GES 470.

TOTAL CREDITS FOR COMPLETION (MINIMUM OF 12 UPPER DIVISION CREDITS): 21 CREDITS**CONTACT INFORMATION**

For more information on the education programs and courses offered by the School of Global Environmental Sustainability, please contact Dale Lockwood, SoGES Academic Coordinator, at GESAdvising@colostate.edu or by calling (970) 492-4070.

