

In-Depth Minor Description

- 18 total credit hours
 - SUST 2010 (Sustainability Leadership) is a requirement for all students minoring in Sustainability
 - It will be offered in Summer 2021 at 9:45am M-F and in Fall 2021 at 2:00 and 3:30pm T/Th
 - This is intended to be the first course taken in the minor
 - Remaining 15 hours are completed from the courses listed below
 - 9 must be 3000 or 4000 level classes
- Course substitutions are available on approval (contact Caye Drapcho, cdrapch@clemsun.edu)

a = offered infrequently, b = summer course, c = generally spring course, d = generally fall course

3 to 12 credits must come from this first category of courses which address a social component of sustainability

	Fall 2021	Course	Prerequisites
AGRB (ECON) 4570 _c		Natural Resource Use, Technology and Policy	Introductory math and economics
ARCH 4710 _d	YES	Architectural History of Place	Introductory architecture
BIOL 2040 _a		Environment, Energy and Society	
COMM 3070 _a		Public Communication of Science and Technology	Introductory Communication
ENGL 4340 _c		Environmental Literature	Introductory english
ENR 4290 _d	YES	Environmental Law and Policy	Junior
ENSP 4000 _d	YES	Studies in Environmental Science	Introductory environmental courses
GEOL 2700 _d		Experiences in Sustainable Development: Water	
HIST 1240 _d	YES	Environmental History Survey	

HIST 3920 _a		History of the Environment of the United States	
HORT 4610 _a		Advanced Landscape Garden Design	Mid-level horticulture
PES 4450 _a		Regulatory Issues and Policies	
PHIL 3260 _d	YES	Science and Values	
PHIL 3450 _d	YES	Environmental Ethics	
PKSC 3680 _c		Packaging and Society	
POSC 4160 _a		Interest Groups and Social Movements	Sophomore
PRTM (GEOG) 4300 _c		World Geography of Parks and Equivalent Reserves	
RS/SOC 4010 _a		Human Ecology	Junior
SOC 4030 _d	YES	Technology, Environment, and Society	Introductory sociology
SOC 4330 _a		Globalization and Social Change	Introductory sociology
SOC 4590 _c		The Community	Junior
STS 2150 _b		A Critical Approach to the Global Challenge of Technological Revolutions	

The remaining 3-12 credits may come from this category of courses

	Spring 2021?	Course Title	Prerequisites
AGRB 3570 _d	YES	Natural Resources Economics	Introductory economics or business
ACCT 4100 _d	YES	Reporting and Management Control Systems	
AGM 3010 _d	YES	Soil and Water Conservation	Introductory math
ANTH 3250 _a		The Anthropology of Food	
ANTH 4230 _a		Women in the Developing World	
ARCH 4250 _a	YES	Energy in Architecture	
BE 4240 _c		Ecological Engineering	Civil or Mechanical Engineering Fluid Mechanics or Chemical Engineering Fluids/Heat Transfer
BE (CE) 4400 _c		Sustainable Energy Engineering	Introductory engineering
BE (FOR, EES) 4510 _d	YES	Newman Seminar and Lecture Series in Natural Resources Engineering	
BE 4640 _a		Nonpoint Source Management in Engineered Ecosystems	Microbiology
BIOL 2110 _d		Introduction to Toxicology	Introductory biology
BIOL 3130 _c		Conservation Biology	Introductory biology
BIOL 4410 _d	YES	Ecology	Introductory biology
CE 4370 _a		Sustainable Energy Project Design	Civil engineering

CHE 4140 _a		Green Engineering	Chemical engineering
CSM 3070 _d	YES	Sustainable Construction	Construction science courses
ECE 4200 _a		Renewable Energy Penetration on the Power Grid	Electrical engineering
ECON 3190 _d	YES	Environmental Economics	Introductory economics
EES 4860 _d	YES	Environmental Sustainability	Junior
ENR 3120 _a		Environmental Risks and Society	Junior, introductory math
ENR 4130 _c		Restoration Ecology	Introductory biology
ENSP (GEOL) 1250 _b		Sustainable Resource Use	
ENSP 2000 _d	YES	Introduction to Environmental Science	Course in physical science
ENSP 2010 _a		Environmental Science for Education Majors	Course in physical science
ETOX 4370 _a		Ecotoxicology	
FOR 4340 _d	YES	GIS for Natural Resources	
GEOL 1120 _d	YES	Earth Resources	
GEOL 1200 _d	YES	Natural Hazards	
GEOL 3000 _d	YES	Environmental Geology	Introductory geology
HORT 1010 _d	YES	Horticulture	

HORT 3080 _d	YES	Sustainable Landscape Design, Installation and Maintenance	Introductory horticulture
HORT 3090 _d	YES	Sustainable Landscape Design, Installation and Maintenance Lab	Introductory horticulture
LARC 1150 _d	YES	Intro Landscape Architecture	
ME (ECE) 4570 _b		Fundamentals of Wind Power	Electrical engineering
ME 4260 _a		Nuclear Energy	
MKT 4450 _a		Macromarketing	
MSE 4330 _a		Combustion Systems & Environmental Emissions	
PES (ENSP) 3150 _d	YES	Environment and Agriculture	Introductory biology and chemistry
PES 4220 _a		Major World Crops	
PES 4760 _a		Sustainable Systems Towards Food Security	
PES 4900 _a		Soil Organisms in Plant Growth	
PHIL 3440 _d	YES	Business Ethics	
PHYS 2450 _d	YES	Physics of Global Climate Change	
WFB 3130 _c		Conservation Biology	Introductory biology
WFB 4180 _d	YES	Fishery Conservation	
WFB 4300 _a		Wildlife Conservation Policy	Introductory wildlife and fisheries course
WS 4230 _a		Women in the Developing World	

What General Education requirements can this help with?

Course	Title	General Education Requirement
AGBR/ECON 4570	Natural Resource Use, Technology and Policy	STS
BIOL 2040	Environment, Energy and Society	STS
BIOL 2110	Introduction to Toxicology	STS
COMM 3070	Public Communication of Science and Technology	STS
ECON 3190*	Environmental Economics	STS
ENR 3120	Environmental Risks & Society	STS
ENSP (GEOL) 1250	Sustainable Resource Use	STS
ENSP 2000*	Introduction to Environmental Science	STS
ENSP 4000*	Studies in Environmental Science	STS
GEOL 1120*	Earth Resources	STS
GEOL 1200*	Natural Hazards	STS
GEOL 2700	Sustainable Water	STS
GEOL 3000*	Environmental Geology	STS
HIST 1240*	Environmental History Survey	SS
HIST 3920	History of the Environment of the US	STS
MKT 4450	Macromarketing	STS
PES (ENSP) 3150*	Environment and Agriculture	STS
PHIL 3260*	Science and Values	NON-LIT, STS
PHIL 3440*	Business Ethics	NON-LIT, STS
PHIL 3450*	Environmental Ethics	NON-LIT, STS
PHYS 2450*	Physics of Global Climate Change	STS
PKSC 3680	Packaging and Society	STS
RS/SOC 4010	Human Ecology	STS
SOC 4030*	Technology, Environment & Society	STS
STS 2150	Critical Approach to Technological Revolutions	NON-LIT, STS

*Star indicates a course offered in Fall 2021

Classes for Students of Any Major

Field of Study	Opportunities in the Minor
Engineering	COMM 3070 ECE 4200 BE 4400 ECON 3190* MSE 4330
Education	ENSP 2010 COMM 3070 PHIL 3260* ENGL 4340 HIST 3920
Architecture	SOC 4590 ARCH 4250* HORT 3080* CSM 3070* ECON 3190*
Social Sciences (Sociology, Anthropology, etc.)	RS/SOC 4010 SOC 4590 ANTH 3250 WS 4230 PHIL 3450*
Natural Sciences (Biology, ENR, etc.)	GEOL 3000* BIOL 2110 HORT 1010* ETOX 4370 BIOL 2040
Business (Management, Economics, etc.)	AGRB/ECON 4570 STS 2150 ACCT 4100* AGM 3010* MKT 4450

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