

Sustainability Related or Focused Courses and Programs

Sustainability-Focused Courses

Examine one or more topics applying all elements of sustainability (environmental, economic, and social) as a fundamental aspect of the course (i.e. most environmental/natural science courses explore all areas in depth in relation to at least one topic). Or covers a broad range of topics using sustainability lens (i.e. intro to sustainability or environmental planning).

Sustainability-Related Courses

Examine one or more topics as it relates to at least one element of sustainability (i.e. a course that discusses social implications of technology), or uses a course element to discuss environmental impacts, such as in a focused assignment.

To access the course descriptions for the course(s) in which you are interested, click on the link below, enter the course prefix and number and click “Filter”.

[Course Descriptions](#)

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Course			Related or Focused
AMST	1160	Environment, Science & Technology	F
ARCH	1215	Introduction to Environmental Problems	F
ARCH	2110	Introduction to Architectural Design	R
ARCH	2155	Architectural Design II	R
ARDR	1101	Building Materials and Methods I	R
ARDR	1102	Introduction to A/E/C Software	R
ARDR	1104	Professional Practice	R
ARDR	1116	Introduction to Architectural Drafting	R
ARDR	1201	Building Materials and Methods II	R
ARDR	1202	A/E/C Software for Residential Development	R
ARDR	1203	Construction Documents for Residential Development	R
ARDR	1302	A/E/C Software for Commercial Development	R
ARDR	1303	Construction Documents for Commercial Development	R
ARDR	1315	Commercial Drafting (Skeletal Frame)	R
ARDR	1316	Building Information Modeling Applications	R
ARDR	1321	Commercial Drafting Software Applications (Skeletal Frame)	R
ARDR	1401	Building Materials and Methods IV	R

ARDR	1402	A/E/C Software for Commercial Building Systems	R
ARDR	1403	Construction Documents for Commercial Building Systems	R
ARDR	2120	Structural Systems Software Applications	R
ARDR	2180	Site Analysis	R
ARDR	2210	Mechanical/Electrical Systems Analysis	R
ARDR	2220	Mechanical/Electrical/Plumbing Systems Software Applications	R
ARTH	1116	History of Design	R
ARTS	1410	Introduction to Photography	R
AT	1010	Applied Technologies in Construction	R
AT	1020	Applied Technologies in Design	R
AT	1030	Applied Technologies in Manufacturing	R
AT	1040	Applied Technologies in Transportation	R
AUTC	2250	Transportation Alternative Fuels	F
BEV	1010	Beverage Production Equipment and Maintenance	R
BEV	1100	Beer Production and Styles	R
BEV	1130	Beer Production I	F
BEV	1140	Beer Production II	F
BEV	1160	Beverage Service I	F
BEV	1192	Draught Systems	F
BEV	1300	Distilled Spirits Production and Styles	R
BEV	2160	Beverage Service II	F
BIOL	1110	General Biology	R
BIOL	1125	Human Biology	R
BIOL	1140	Biology for Health Sciences	R
BIOL	1215	Biology for Environmental Sciences	F
BIOL	2110	Principles of Biology: Cellular and Molecular Biology	R
BIOL	2410	Principles of Biology: Genetics	R
BIOL	2615	Ecology and Evolution	R
BIOL	2635	Plant and Animal Form and Function	R
BIOL	1110L	General Biology Lab	R
BIOL	1140L	Biology for Health Sciences Lab	R
BIOL	1215L	Biology for Environmental Sciences Lab	F
BIOL	2110L	Principles of Biology: Cellular and Molecular Biology Lab	R
BIOL	2410L	Principles of Biology: Genetics Lab	R
BIOL	2615L	Ecology and Evolution Laboratory	R
BIOL	2635L	Plant and Animal Form and Function Laboratory	R
CARP	1016	Core Curriculum	R
CARP	1030	Carpentry Theory I	R
CARP	1300	Basic Woodworking Theory	R
CHEM	1110	Chemistry in Our Community	F
CHEM	1115	Chemistry in Art	R

CHEM	1120	Introduction to Chemistry	R
CHEM	1215	General Chemistry I for STEM Majors	R
CHEM	1225	General Chemistry II for STEM Majors	R
CHEM	2135	Organic Chemistry II	R
CHEM	1110L	Chemistry in Our Community Laboratory	F
CHEM	1120L	Introduction to Chemistry Laboratory	R
CHEM	1215L	General Chemistry I Laboratory for STEM Majors	R
CHEM	2130L	Organic Chemistry I Laboratory	R
CIS	1275	C++ Programming I	R
CIS	1610	IT Essentials: Software	R
CIS	1730	JavaScript Web Programming	R
CIS	1750	PHP Web Programming	R
CIS	2763	Web Programming Framework	R
CJUS	2130	Police and Society	R
CM	1110	Construction Materials and Techniques	R
CM	1115	Commercial and Residential Building Codes	R
CM	1205	Introduction to Building Information Modeling	R
CM	1233	Sustainable Building Practices	F
CM	1234	LEED Associate Exam Preparation	F
CM	2105	Construction Scheduling	R
CM	2225	BIM for Building Systems Management	F
CM	2230	Building Energy Analysis	F
CULN	1010	Culinary Fundamentals	F
CULN	1103	Safety and Sanitation Principles	R
CULN	1112	Intermediate Culinary Skills	R
CULN	1130	Introduction to Baking Fundamentals	R
CULN	1132	Applied Baking Principles	R
CULN	2020	Entrepreneurial Food Operations	R
CULN	2210	Garde Manger	R
CULN	2214	Advanced Culinary Skills	R
CULN	2216	Advanced Food and Beverage Service	F
CULN	2232	Advanced Baking and Pastry	R
CULN	2234	Retail & Restaurant Bakery Operations	R
CULN	2692	Entrepreneurial Food Operations Lab	R
DA	1101	Practical Application of Dental Materials	R
DETC	1250	Diesel Power and the Environment	F
ECON	2120	Microeconomic Principles	R
ECON	2125	Society & Environment	F
ELTR	2605	Photovoltaic Fundamentals & Applications	F
ELTR	2615	PV Code Compliant Systems	F
ELTR	2620	Photovoltaic Theory/Design and Installation	F

ELTR	2630	Advanced PV Theory /Design/ Installation/ Maintenance and Commissioning	F
ELTR	2692	PV Installation Lab	F
ESOL	0971	Integrated Reading and Writing for Speakers of Other Languages I	R
ESOL	0981	Integrated Reading and Writing for Speakers of Other Languages II	R
ESOL	1001	Academic and Workplace Communication for Specific Purposes	R
ESOL	1010	Reading and Vocabulary for Specific Purposes	R
ESOL	1020	English Composition and Grammar for Specific Purposes	R
ESOL	1030	U.S. Culture and Contemporary Issues for Specific Purposes	R
FS	1010	Principles of Emergency Services	R
FS	1512	Building Construction for Fire Prevention	F
FS	1610	Principles of Fire and Emergency Services Safety and Survival	R
FS	1817	National Incident Management System	R
FS	1820	Hazardous Materials Awareness and Operations	R
FS	2001	Fire Protection Systems	R
FS	2008	Fire Protection Hydraulics and Water Supply	R
FS	2215	Firefighter I & II Theory	R
FS	2240	Wildland Fire Ignition Operations	R
FS	2292	Firefighter I & II Lab	R
FS	2402	Principles of Fire and Emergency Service Administration	R
FS	2422	Fire Behavior and Combustion	R
FS	2640	Legal Aspects of Emergency Services	R
FS	2812	Fire Investigation I	R
FS	2814	Fire Prevention	R
FS	2815	Intermediate Wildland Fire Behavior	R
FS	2840	Wildland Crew Boss/Engine Boss	R
FS	2892	Wildland Firefighter Safety and Survival Skills	R
GEOG	1110	Physical Geography	R
GEOG	1120	World Regional Geography	F
GEOG	1130	Human Geography	F
GEOG	1140	Human's Role in Changing the Face of the Earth	F
GEOG	1960	Geography of Food	F
GEOG	2510	Meteorology	R
GEOG	1110L	Physical Geography Lab	R
GIS	1002	Fundamentals of Geospatial Technology	R
GIS	1118	Geographic Information Systems I	R
GIS	2008	GPS Field Mapping	R
GIS	2011	Remote Sensing and Image Processing	R
GNHN	2204	Honors: The Individual and the Collective	R
HIST	1110	United States History I	R
HIST	1120	United States History II	R
HIST	2270	The American West	R

HT	1111	Guest Service Management	F
HT	2141	Marketing Services	F
HT	2215	Purchasing and Cost Controls	R
HT	2240	Hospitality Law	R
HVAC	1115	Refrigerant Management	R
HVAC	1130	Code and Safety I	F
HVAC	1235	Air Conditioning and Controls	R
HVAC	1240	System Design, Installation & Retrofit of Heating/Cooling Systems	R
HVAC	1245	Heating and Heating Control Systems	R
HVAC	1321	Advanced Hydronics and Controls I	R
HVAC	1323	Hot Water & Steam Generation Systems & Controls II	R
HVAC	1330	Controls III	R
HVAC	1420	Energy Efficiency & Green Building Standards I	F
HVAC	1425	Energy Efficiency & Green Building Standards II	F
HVAC	1430	Energy Efficiency & Green Building Code Compliance	F
IRW	0970	Integrated Reading and Writing I	R
IRW	0980	Integrated Reading and Writing II	R
LBAR	2610	Liberal Arts Study Abroad	R
LTAM	1111	Latin American Film	R
NMNC	1220	Health Care Participant	F
NTSC	2110	Environmental Science for Teachers	F
NUTR	1090	Dietary Manager Clinical I	R
NUTR	1190	Dietary Manager Clinical II	R
NUTR	1010L	Personal and Practical Nutrition Lab	R
PCT	1020	Patient Care Technician	R
PHIL	1115	Introduction to Philosophy	R
PHIL	1130	Contemporary Moral Issues	R
PHIL	2120	Biomedical Ethics	R
PHIL	2130	Environmental Ethics	F
PHIL	2310	Business Ethics	R
PHYS	1230L	Algebra-Based Physics I Laboratory	R
PHYS	1320L	Calculus-Based Physics II Laboratory	R
PLAN	1165	Introduction to Community and Regional Planning	F
PLAN	2265	Sustainable Community Planning Methods	F
PLMB	1130	Water Piping Systems	R
PLMB	1230	Hydronics and Plumbing Systems	R
PLMB	1320	Solar Thermal Systems	F
PLMB	1330	Energy and Water Conservation Systems	F
POLS	2130	Political Ideas/Introduction to Political Theory	R
POLS	2140	Introduction to Political Analysis	R
POLS	2150	Public Policy and Administration	R

POLS	2170	State and Local Politics	R
RPID	1005	3 Dimensional CAD	R
RPID	1010	Design and Simulation	R
RPID	1015	Prototype Fabrication I	R
RPID	1020	Prototype Fabrication II	R
RT	1020	Physics of Respiratory Therapy	R
SOCI	2340	Global Issues	R
SPAN	2204	Spanish Language in Film	R
SUR	1002	Math for Surveying and Mapping	R
SUR	1015	Boundary Survey Concepts	R
SUR	2001	Intermediate Field Procedures	R
SUR	2002	Intermediate Surveying Topics	R
SUR	2205	Fundamentals of Land Surveying	R
SUST	1134	Introduction to Sustainability Studies	F
THEA	1310	Introduction to Costuming	R
THEA	1320	Intermediate Costume	R
THEA	1330	Advanced Costuming and Sewing	R
TRDR	1110	Truck Driving Owner Operator/Independent Contractor Skills	R
UAS	2010	UAS for Design and Construction	R