

Nov 8, 2019

Dear Committee,

I'm writing in support of the proposed emphases changes for Environmental and Sustainability Studies. I've met with Dr. Watt and together we've outlined a plan to develop a fully-online undergraduate degree option around Sustainability Initiatives. This would add to the seven other undergraduate online degree programs we currently offer. We also see the future potential for creating interesting non-credit certificate to degree pathways from this online curriculum. UOnline is fully committed to providing the supporting faculty consultation, course development and operational support to enable this new online emphasis. We've previously worked with Dr. Watt and others in the department on online development grants and know the commitment they bring to creating high quality courses. I'm confident that the existing online teaching experience among the faculty will yield a great learning experience for students. I urge you to support this popular curriculum for students engaged through online experiences at the U.

Thank you,



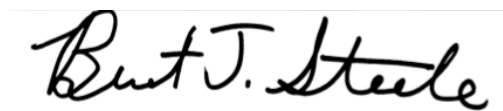
Cory Stokes
Digital Learning Officer, Assoc. Dean
Office of Undergraduate Studies

November 13, 2019

Dear Curriculum Committees,

I am writing as the Chair of Political Science to note my support of the changes that the Environmental and Sustainability Studies program is proposing to their major. In particular, I am pleased with their decision to add two additional courses— POLS 3390 (Introduction to Environmental and Sustainability Policy) and POLS 5510 (Water Policy and Politics)—as options for fulfilling their requirement for majors to take an environmental policy class, which has been POLS 5322 (Environmental Policy). These changes will create more flexibility for students, so they can make timely progress toward their degrees. We have had a wonderful working relationship with the Environmental and Sustainability Studies program and welcome this additional update to their major. We regularly offer these courses and will continue to do so in the future.

Sincerely,



Brent Steele
Professor and Chair



COLLEGE OF SOCIAL
AND BEHAVIORAL SCIENCE

Departments

Anthropology

Economics

Family & Consumer Studies

Geography

Political Science

Psychology

Sociology

Programs

Criminology

Environmental &
Sustainability Studies

Health, Society & Policy

Master of Public Administration

Master of Public Policy

Master of Science in International
Affairs and Global Enterprise

ROTC

Aerospace Studies

Military Science

Naval Science

Institutes and Centers

Archaeological Center

Child & Family Development Center

DIGIT Center

National Center for Veterans Studies

NEXUS

Tanner Human Rights Center

November 14, 2019

Undergraduate Council
195 South Central Campus Dr.
University of Utah Campus

Dear Council Members:

I am writing to provide my strong support for the proposed curriculum changes in the Environmental and Sustainability Studies (ENVST) Program. The name simplification of three emphases makes sense and does not impact the curriculum within the emphases. I also agree that adding two additional POLS choices in the required course area, will create an easier pathway to completion for ENVST students. Finally, transforming the fifth emphasis into an online option for students will help meet student demand for flexible class options that allow them to complete their requirements and graduate in a timely fashion. Student Data Warehouse analyses show that over the past five years, ENVST majors (primary and non-primary majors) have grown by 59% -- from 206 to 327 students. As this major has grown, so has student interest in an online option.

I have met with Director Brett Clark and Associate Director Jenn Watt about the steps necessary to implement the above curriculum changes and do not foresee any obstacles. Most importantly, I feel confident that the proposed changes will help ENVST better support student persistence and timely graduation without compromising the program's high quality. For the online emphasis option, we are working with Cory Stokes (UOnline) to formalize MOU's to move that effort forward.

In sum, I am excited about the new possibilities that these curriculum changes will provide for ENVST majors and wholeheartedly support their requests.

Sincerely,

Cathleen D. Zick, Ph.D.
Acting Dean

Office of the Dean

Gardner Commons Suite 3725
260 South Central Campus Drive
Salt Lake City, Utah 84112



November 14, 2019

Dear Curriculum Committees,

I am writing as the Chair of the Department of Geography to note my support of the changes that the Environmental and Sustainability Studies program is proposing to their major. We have discussed the development and once a year offering of an online Global Climate Change class to accommodate the new online Emphasis and with an MOU that supports this offering, we plan to move forward on this in the next year. These changes will create more flexibility for students, so they can make timely progress toward their degrees.

Sincerely,

Philip Dennison
Professor and Chair
Department of Geography

Emphasis Pathways:

Course Number	NEW Course	Course Title	Credit Hours
General Education Courses (list specific courses if recommended for this program on Degree Map)			
General Education Credit Hour Sub-Total			
Required Courses			
ENVST 2000		First Year Seminar	1
ENVST 2050		Introduction to Environmental Science (SF)	4
ENVST 2100		Introduction to Environmental and Sustainability Studies (BF)	3
GEOG 3210		Global Climate Change (SF)	3
ENVST 3364		Challenges to Global Sustainability (IR)	3
ENVST 3365		Environmental Justice (DV)	3
ENVST 4800		Internship	3
or			
ENVST 5000		Undergraduate Research	
POLS 5322		Environmental Policy	3
or			
POLS 3390		Introduction to Environmental and Sustainability Policy	
or			
POLS 5510		Water Policy	
Add Another Required Course			
Required Course Credit Hour Sub-Total			23
Elective Credit Hour Sub-Total			
Core Curriculum Credit Hour Sub-Total			23

Course Number	NEW Course	Course Title	Credit Hours
Name of Emphasis:		Conservation and Land Management	
		Capstone Course:	3
ENVST 5555		Land Management Capstone	
		METHODS COURSES, Choose 1:	3
BIOL 2355		Field Botany	
CMP 4450		GIS for Urban Ecologists (QI)	
GEOG 3100		Introduction to GIS & Cartography (QI)	
POLS 3001		Political Analysis (QB and QI)	
ANTH 4334		Population Issues in Anthropology (QB and QI)	

PRT 3780		Program and Service Evaluation in Parks, Rec. and Tourism (QB and QI)	
GEO 3400		Computational & Field Meth in Applied Geology	
GEOG 5712		Paleoenvironmental Field Methods	
SOC 3111		Research Methods	
		STATISTICS COURSES, Choose 1:	3
CMP 4010		Research Methods in Urban Ecology (QI)	
GEOG 3020		Geographic Analysis (QI and QB)	
COMM 3710		Intro to Quantitative research (QI)	
POLS 5001		Quantitative Analysis in Political Science (QI)	
SOC 3112		Social Stats (QI, QB)	
		WRITING COURSES, Choose 1:	3
COMM 4650		Environmental Reporting (CW)	
CMP 4260		Land, Law, and Culture (CW)	
GEOG 3270		Global Patterns of Life (CW)	
HONOR 3200		Writing in a Research University (CW)	
MGT 3810		Business and Professional Communication (CW)	
WRTG 3014		Scientific Writing (CW)	
WRTG 3420		Environmental Writing (CW and HF)	
		ELECTIVES, Choose 21 credits:	21
ANTH 4186		Human Ecology	
BIOL 1620/1625		Fundamental Principle of Biology II	
BIOL 2400		Principles of Wildlife Ecology and Conservation	
BIOL 3340		Intro to Plant Biology	
BIOL 3410		Ecology and Evolution	
BIOL 3450		Rain Forest Ecology and Conservation	
BIOL 3470		Special Topics in Biology: Conservation Biology	

Course Number	NEW Course	Course Title	Credit Hours
BIOL 3710		Biology, Society, and Public Engagement	
BIOL 5345		Natural History of the Colorado Plateau	
BIOL 5455		Desert Ecology Field Course	
BIOL 5460		Plant Ecology in a Changing World	
CHEM		General Chemistry and Lab	
CMP 2010		Foundations of Urban Ecology	
CMP 3100		Urban and Environmental Planning	
CMP 3200		Principles of Ecology for Planners	
CMP 4710		Introduction to Transportation Planning	
COMM 5360		Environmental Communication	
ECON 3250		Intro to Environmental & Natural Resource Economics	
ECON 5250		Environmental & Natural Resource Economics	
ENGL 2050		Literature of the American West	
ENGL 3080		Studies in Environmental Literature	
ENVST 3280		Principles in Organic Gardening	
ENVST 3390		Sustainable Streams and Riparian Zones	
ENVST 3720		Environmental Health Disparities	
ENVST 5800		Sustainability in Costa Rica	
FCS 3620		Environmental Psychology and Sustainability	
FCS 5600		Environments and Human Behavior	
FCS 5630		Healthy Communities	
GEOG 3350		Resource Cons. and Human Behavior	
GEOG 3200		Geomorphology: Mountains, Rivers, Deserts	
GEOG 3385		Federal Land Management	
GEO 1050		National Parks: Geology Behind the Scenes	
HIST 4380		US Environmental History	
HONORS 3215		Global Environmental Change	
PHIL 3530		Environmental Ethics (HF)	
PHIL 5530		Environmental Philosophy (HF)	
POLS 5540		Nonprofit Advocacy	
PRT 5410		Land & Resource Recreation Planning	
PRT 5420		Ecology & Management of Wildland Rec. Settings	
PRT 5430		Recreations Issues in Human Dimensions of Wildlife	
PSY 4130		Cognition in the Wild	
SOC 3480		Environmental Sociology	
Emphasis	33		
Number of Credits in Major/Degree			56/122

Course Number	NEW Course	Course Title	Credit Hours
Name of Emphasis:		Air, Water, and Health	
		Capstone Course:	3
ENVST 5559		Air & Water Capstone Experience	
		METHODS COURSES, Choose 1:	3
ATMOS 5050		Environmental Instrumentation	
BIOL 3480		Biography of an Urban Stream	
CMP 4450		GIS for Urban Ecologists (QI)	
GEOG 3140		Introduction to GIS (QI)	
POLS 3001		Political Analysis(QB and QI)	
SOC 3111		Research Methods (CW)	
		STATISTICS COURSES, Choose 1:	3
ATMOS 5040		Environmental Statistics (QI)	
Comm 3710		Intro to Quantitative Comm. Research (QI)	
CMP 4010		Research Methods in Urban Ecology (QI)	
GEOG 3020		Geographic Analysis (QI and QB)	
POLS 5001		Quantitative Analysis in Political Science (QI)	
SOC 3112		Social Statistics (QI and QB)	
		WRITING COURSES, Choose 1:	3
COMM 4650		Environmental Reporting (CW)	
CMP 4260		Land, Law, and Culture (CW)	
MGT 3810		Business and Prof. Communication (CW)	
GEOG 3/5270		Global Patterns of Life (CW, SF)	
HONOR 3200		Writing in a Research University (CW)	
WRTG 3014		Scientific Writing (CW)	
WRTG 3420		Environmental Writing (CW and HF)	
WRTG 4905		Studies in Professional Discourses (CW)	
		ELECTIVES, Choose 21 credits:	21
ATMOS 3000		Prof. Development in the Atmospheric Sciences	
ATMOS 3100		Atmospheric Chemistry & Air Pollution	
AMOS 5000		Introduction to Atmospheric Science	
ATMOS/GEOG 5		Snow Dynamics and Avalanche Studies	
BIOL 5345		Natural History of the Colorado Plateau	

Course Number	NEW Course	Course Title	Credit Hours
CHEM		General Chemistry & Lab I	
CMP 3200		Principles of Ecology for Planners	
CMP 4380		Green Communities	
CMP 4710		Introduction to Transportation Planning	
COMM 3115		Communicating Health, Science, Environment	
COMM 5360		Environmental Communication	
ECON 3250		Intro to Natural and Resource Economics	
ECON 3/5190		Health Economics	
ECON 5250		Environmental and Natural Resource Economics	
ENGL 5080		Environmental Literature	
ENVST 3280		Organic Gardening (AS)	
ENVST 3390		Sustainable Streams & Riparian Zones	
ENVST 3720		Environmental Health Disparities	
FCS/PSY 3620		Environmental Psych. & Sustainability	
FCS 5630		Healthy Communities	
FCS 5730		Community & Environmental Change	
GEO 3300		The Water Planet (SF)	
GEO 3800		The Oceans(SF)	
GEO 5350		Groundwater	
GEO 5470		Stable Isotope Biochemistry & Ecology	
GEOG 3200		Geomorphology: Mountains, Rivers, Deserts(SF)	
GEOG 3/5292		Snow & Ice	
GEOG 3330		Urban Environmental Geography(SF)	
GEOG 5385		Environmental Assessment & Impact Analysis	
GEOG 5435		The Oceans and Us	
H EDU 3700		Environmental Health	
HIST 4380		US Environmental History(HF)	
HIST 4860		Environmental History of China	
HONOR 3215		Global Environmental Change	
MATH 1210		Calculus I(QR)	
PHIL 3310		Science & Society(HF)	
PHIL 3530		Environmental Ethics (HF)	
PHIL 5530		Environmental Philosophy (HF)	
PHIL 5540		Hydrotopia: Water Mgmt. in the West	
PHYS 2010/2015		General Physics & Lab I(SF)	
PHYS 2210/2215		Physics for Scientists & Engineers & Lab I(SF)	
POLS 5321		Health Policy	
POLS 5510		Water Policy	
POLS 5540		Nonprofit Advocacy	
SOC 3480		Environmental Sociology(IR)	
Emphasis	33		
		Number of Credits in Major/Degree	56/122

[illegible]

Course Number	NEW Course	Course Title	Credit Hours
		ELECTIVES, Choose 21 Credits:	21
ANTH 4339		Humans in the World of Plants	
ANTH 4340		Paleoethnobotany	
BIOL 1330		Plants and Society(AS)	
BIOL 1620/1625		Fundamental Principles of Biology II	
BIOL 3410		Ecology & Evolution	
BIOL 3450		Rainforest Ecology & Conservation (IR, SF)	
BIOL 3470		Conservation Biology (AS)	
BIOL 3710		Biology, Society, & Public Engagement	
BIOL 5460		Plant Ecology in a Changing World	
CHEM 1020		The Science of Food and Cooking(SF)	
CHEM 1210/1215		Gen. Chemistry& lab I (SF)	
CMP 2010		Design Ecologies (BF)	
CMP 3200		Ecology of Human Settlements	
COMM 5360		Environmental Communication	
ECON 3250		Intro to Environmental & Natural Resource Economics	
ENGL 5080		Environmental Literature	
ENVST 3280		Organic Gardening (AS)	
ENVST 3390		Sustainable Streams & Riparian Zones	
ENVST 3720		Environmental Health Disparities	
FCS/PSY 3620		Environmental Psychology & Sustainability	
FCS 5450		Nonprofit Community Organizations	
FCS 5630		Healthy Communities	
FCS 5730		Community & Environmental Change	
H EDU 4180		Community Based Prevention Practices in Health Promotion & Educ.	
HONOR 3215		Global Environmental Change	
NUIP 1020		Scientific Foundations of Human Nutrition and Health(AS)	
NUIP 3220		Food Communication(BF)	
NUIP 3620		Cultural Aspects of Food (IR)	
PHIL 3310		Science & Society(HF)	
PHIL 3530		Environmental Ethics (HF)	
PHIL 5530		Environmental Philosophy (HF)	
POLS 3026		Civic Engagement and Social Change	
POLS 3320		Intro to Public Policy Analysis	
POLS 5321		Health Policy	
POLS 5540		Nonprofit Advocacy	
PSY 2410		Eat, Work, Play, Sleep-Psychology of Everyday Life	
SOC 3480		Environmental Sociology(IR)	
SOC 3486		Global Environmental Crisis	
SOC 3650		Population and Society (QI/QB/IR)	
Emphasis			33
		Number of Credits in Major/Degree	56/122

Course Number	NEW Course	Course Title	Credit Hours
Name of Emphasis:		Ecojustice Education	
		CAPSTONE COURSE:	3
ENVST 5557		Sustainability Education and Engagement	
		METHODS COURSES, Choose 1:	3
ANTH 4334		Population Issues in Anthropology (QI, QB)	
CMP 4450		GIS for Urban Ecologists (QI)	
COMM 4570		Visual Editing	
ENVST 5180		Field Ecology	
FCS 3200		Research Methods in Family and Consumer Studies	
GEOG 3100		Introduction to GIS (QI)	
POLS 3001		Political Analysis (QB/QI)	
SOC 3111		Research Methods (CW)	
		STATISTICS COURSES, Choose 1:	3
COMM 3710		Intro to Quantitative Comm. Research (QI)	
CMP 4010		Research methods in Urban Ecology (QI)	
FCS 3210		Statistics in Family and Consumer Studies (QB/QI)	
GEOG 3020		Geographic Analysis (QB/QI)	
POLS 5001		Quantitative Analysis in Political Science (QI)	
SOC 3112		Social Statistics (QB/QI)	
		WRITING COURSES, Choose 1:	3
COMM 4650		Environmental Reporting (CW)	
CMP 4260		Land, Law, and Culture (CW)	
GEOG 3400		Population Geography (CW)	
GNDR 3100		Medusa & Manifestos: Identity & Protest (CW)	
HONOR 3200		Writing in a Research University	
MGT 3810		Business and Prof. Communication (CW)	
WRTG 3012		Writing in the Social Sciences (CW)	
WRTG 3014		Scientific Writing (CW)	
WRTG 3420		Environmental Writing (CW/HF)	
		ELECTIVES, Choose 21 Credits:	21
ANTH 4186		Human Ecology (BF, SF)	

Course Number	NEW Course	Course Title	Credit Hours
ANTH 4245		Human Migration and Social Change (IR)	
BIOL 3410		Ecology & Evolution	
BIOL 3470		Conservation Biology (AS)	
BIOL 3710		Biology, Society, and Public Engagement	
COMM 3115		Communicating Health, Science, Environment	
COMM 3290		Native American Activism (DV)	
COMM 3030		Community and Social Responsibility (CW/HF)	
COMM 4360		Consuming the Earth	
COMM 5360		Environmental Communication	
COMM 5365		Communicating Climate Change	
COMM 5490		Communication and Social Justice	
CMP 2010		Design Ecologies (BF)	
ECON 3250		Intro to Environmental & Natural Resource Economics	
ECON 5560		Gender & Econ. Development in 3rd World	
ECS 3180		Home, School, & Community Relations	
ECS 4111		School and Society (DV/CW/HF)	
ECS 5715		Urban Education	
ENGL 5080		Environmental Literature	
ENGL 5930		Ecocriticism/Theories of Race, Ethnicity, Nation	
ENVST 3280		Organic Gardening (AS)	
ENVST 3390		Sustainable Streams & Riparian Zones	
ENVST 3720		Environmental Health Disparities	
FCS/PSY 3620		Environment & Behavior	
FCS 5450		Nonprofit Community Organizations	
FCS 5730		Community & Environmental Change	
FILM 3520		Documentary and Social Justice (FF)	
GNDR 1100		Gender and Social Change (DV/BF)	
GNDR 5080		Gender, Power, and Freedom	
HIST 4380		Environmental History	
PHIL 3310		Science & Society (HF)	
PHIL 3530		Environmental Ethics (HF)	
PHIL 5530		Environmental Philosophy (HF)	
PHIL 3730		Justice and International Affairs (IR)	
POLS 5550		Nonprofit Advocacy	
POLS 5625		International Ethics	
POLS 5810		Democratic Activism & Social Change/Research Seminar (CW)	
PRT 5735		Youth Development	
SOC 3422		Social Movements	
SOC 3480		Environmental Sociology(IR)	
SOC 3486		Global Environmental Crisis	
THEA 4630		Theatre for Social Action	
Emphasis Credit			33
		Number of Credits in Major/Degree	56/122

Course Number	NEW Course	Course Title	Credit Hours
Name of Emphasis:		Sustainability Initiatives (Online Emphasis)	
		Capstone Course:	3
ENVST 5556		Capstone Experience	
		METHODS COURSES, Choose 1:	3
FCS 3200		Research Methods in Family and Consumer Studies	
ECON 4650		Econometrics (QI)	
POLS 3001		Political Analysis (QB and QI)	
SOC 3111		Research Methods	
SW 4100		Global Community Based Research	
		STATISTICS COURSES, Choose 1:	3
Econ 3640		Probability & Statistics for Economists (QB)	
SOC 3112		Social Statistics (QI and QB)	
FCS 3210		Statistics in Family & Consumer Studies	
PSY 3000		Statistical Methods in Psychology	
		WRITING COURSES, Choose 1:	3
MGT 3810		Business and Professional Communication (CW)	
WRTG 3014		Scientific Writing (CW)	
WRTG 3012		Writing in the Social Sciences (CW)	
WRTG 3015		Professional Writing	
		ELECTIVES, Choose 21 Credits:	21
ANTH 1050		Evolution and Human Nature	
ANTH 4255		Race and Culture	
CHEM 1210		General Chemistry	
ECON 3190		Introduction to Health Economics	
FCS 5450		Nonprofit Community Organizations	
GEOG 3600		Geography of Utah	
GEOG 3368		Energy Choices for the 21 st Century	
GNDR 1100		Gender and Social Change (DV/BF)	
GNDR 3380		Social Inequality	
MID E 4880		Environmental Issues in Africa & Asia	
NUTR 1020		Scientific Foundations of Human Nutrition & Health	
PHIL 3530		Environmental Ethics (HF)	
PHIL 3520		Bioethics	
PRT 3310		Leisure Behavior and Human Diversity	
PRT 3320		Recreation Programming and Leadership	
PRT 3610		The Global Citizen	

SOC 1020		Social Problems	
SOC 3650		Population and Society (QI/QB/IR)	
SOC 3480		Environmental Sociology	
SW 3550		Social Diversity and Cultural Understanding	
Emphasis			33
		Number of Credits in Major/Degree	56/122