

# New Minor in Sustainability

Hello Community!

Our Department of Public Health has collaborated with Department of Environmental Studies to create a Minor in Sustainability.

The minor includes courses in Public Health (PUBH), Recreation, Parks & Tourism Administration (RPTA), Nutrition & Food (NUFD), and Biological Sciences (BIO) -- many courses of interest to various disciplines.

<https://catalog.csus.edu/colleges/social-sciences-interdisciplinary-studies/environmental-studies/minor-sustainability/>

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## Program Description

### Units needed for Minor: 21

Sustainability - meeting our social, economic, and environmental needs in the present without compromising the ability of future generations to meet their needs too - is a multi-disciplinary topic. Knowledge, practice and collaboration across disciplines such as Business, Engineering, Humanities, Human Health, and the Natural Sciences is necessary. The Minor in Sustainability makes available 50 courses offered by 15 different Departments from six Colleges at California State University, Sacramento. It provides a single qualification to complement students learning in their own major with cross-disciplinary learning on sustainability from many other disciplines.

A minimum grade of "C-" is required in all courses required for the Sustainability Minor.

## Program Requirements

Course List		
Code	Title	Units
A maximum of 9 units of courses from a student's major may count towards minor requirements		
REQUIRED COURSES (9 Units)		
<a href="#">ENVS 10</a>	Introduction to Environmental Science <sup>1</sup>	3
<a href="#">ENVS 111</a>	Environmental Ethics <sup>1</sup>	3
<a href="#">ENVS 144</a>	Sustainability Science & Policy	3
ELECTIVE COURSE DOMAINS (12 Units)		
Elective courses must be chosen from at least two of the seven domains for a total of 12 units.		12
<b>1. Energy</b>		
<a href="#">ECON 162</a>	Energy Economics	

Course List		
Code	Title	Units
<a href="#">EEE 196I</a>	Electric Vehicle Design: Electrical and Control Concepts	
<a href="#">ENGR 106</a>	Energy and Modern Life $\cong$	
<a href="#">ENVS 140</a>	Energy, Society, and the Environment	
<a href="#">ME 132</a>	Solar Energy, Geothermal Energy, and Bioenergy Systems	
<b>2. Air, Water and Earth</b>		
<a href="#">BIO 160</a>	General Ecology	
<a href="#">ENVS 135</a>	California Water and Society	
<a href="#">ENVS 149</a>	Agroecology	
<a href="#">GEOG 118</a>	Earth Transformed	
<a href="#">GEOG 161</a>	California's Water Resources	
<a href="#">GEOL 140</a>	Geology and the Environment $\cong$ <sup>1</sup>	
<a href="#">NUFD 110</a>	Food Production and Sustainability	
<b>3. Ecosystems and Biodiversity</b>		
<a href="#">BIO 118</a>	Natural Resource Conservation	
<a href="#">BIO 179</a>	Conservation Biology & Wildlife Management	
<a href="#">ENVS 137</a>	Conservation and Society	
<a href="#">ENVS 151</a>	Restoration Ecology	
<a href="#">ENVS 158</a>	Wetlands Ecology	
<a href="#">ENVS 163</a>	Ethnoecology <sup>1</sup>	
<a href="#">RPTA 150</a>	Ecology Of Resource Areas	
<a href="#">RPTA 151</a>	Visitor Management in Recreation Areas	
<b>4. Human Health and Well-being</b>		
<a href="#">ECON 153</a>	Health Economics	
<a href="#">ENVS 130</a>	Environmental Toxicology	
<a href="#">ENVS/SOC 138</a>	Introduction to Environmental Sociology	
<a href="#">ENVS 170</a>	Environmental Justice	
<a href="#">GEOG 143</a>	Environmental Hazards and Society	
<a href="#">PUBH 114</a>	Human Ecology and Health <sup>1</sup>	
<a href="#">RPTA 124</a>	The Science of Nature Engagement and Human Health & Wellbeing <sup>1</sup>	
<b>5. Built and Urban Environments</b>		
<a href="#">FASH 33</a>	Fashion Sustainability, Global Impact, and Critical Thinking <sup>1</sup>	
<a href="#">CE 150</a>	Principles of Environmental Engineering	
<a href="#">CE 150L</a>	Environmental Engineering Laboratory	

Course List		
Code	Title	Units
<a href="#">CE 151</a>	Environmental Engineering Practice	
<a href="#">CE 152</a>	Stormwater Management	
<a href="#">ECON 180</a>	Urban Economics	
<a href="#">ENGR 105</a>	Sustainable Design and Construction <sup>1</sup>	
<a href="#">ENVS 122</a>	Environmental Impact Analysis: CEQA and NEPA	
<a href="#">ENVS 147</a>	Urban Agriculture and Aquaponics	
<b>6. Law, Policy and Economy</b>		
<a href="#">ECON 120</a>	Economics and Environmental Degradation	
<a href="#">ECON 123</a>	Resource Economics	
<a href="#">ENVS/POLS 128</a>	Environment and the Law	
<a href="#">ENVS 155</a>	Environmental Management and Decision-Making	
<a href="#">ENVS/POLS 171</a>	Environmental Politics and Policy	
<a href="#">HIST 139A</a>	Global Environmental History in the Age of Imperialism, 1450-Present Day	
<a href="#">HIST 165</a>	American Environmental History <sup>1</sup>	
<a href="#">IBUS 180</a>	Sustainability Business in Global Economy	
<b>7. Professional Experience</b>		
<a href="#">ENVS 195</a>	Environmental Studies Internship	
<a href="#">ENVS 199</a>	Special Problems	
Total Units		21

Contact us or refer students to drop-in with the HHS Student Success Center Team if there are any questions.

<https://www.csus.edu/college/health-human-services/student-success/>