

**Sustainable Systems Specialization – BA (major code 565)****(for majors declared Fall 2021 onwards)**

- Courses can only be used to fulfill one requirement, even if the course is listed as an option for multiple requirements.
- Many upper level courses have prerequisites. Make sure you plan accordingly for the path you want to take.

Requirement	Course options	Credits
A. ENVI 101 – Humans & Ecological Environment	<ul style="list-style-type: none"> - ENVI 101 - AP Envi Exam score of 3, 4, or 5 - ENVI 105 - People, Politics, & Environment (Source Project Students only) - PLSC 180A - People, Politics, & Environment (Source Project Students only) 	4
B. ENVI 201 – Humans & Physical Environment	<ul style="list-style-type: none"> - ENVI 201 - or AP Envi Exam score of 5 (excludes AP test taken in 2020) 	4
C. One introductory Environ policy course	<ul style="list-style-type: none"> - ENVI/PHIL 149 Environmental Ethics - ENVI 230 Intro to Environmental Policy - ENVI/GEOG 239 Envi Plng & Policy - ENVI 280B Intro Int'l Envi Policy (Starting in Fall 2024, this course will be renumbered to ENVI 225.) - PLSC 282 Intro to Environmental Policy 	4
D. One introductory economics courses	<ul style="list-style-type: none"> - ECON 160 Microeconomics - ECON 162 Macroeconomics 	4
E. One introductory methods course	<ul style="list-style-type: none"> - GEOG 160 or 260 or 360 GIS/Spatial Analysis - MATH 147 Statistics - MATH 148 Statistics for Biologists <p>The following classes are only for FRI and Source Project students:</p> <ul style="list-style-type: none"> - BIOL 241 Ecological Genetics FRI - PLSC ??? People Politics & Environ II - ENVI 206 Geospatial Sensing FRI - ENVI/GEOL 234 Biogeochemistry FRI 	4
F. One lower-level course related to environmental science	<ul style="list-style-type: none"> - BIOL 105 Evol for Everyone - ENVI 140 Intro Enviro Chem (Lec) - ENVI 250 Farm to Table - ENVI 236/ANTH 236 Farming Thru Time - GEOL 111 Planet Earth - GEOL 112 Oceanography - GEOL 113 Geol of the Parks - GEOL 115 Global Change: Geol Perspt - GEOL 116 Geological Hazards - ENVI/GEOL 170 Environmental Geology - GEOL 120 Energy and the Earth - GEOG 120 Weather & Climate - GEOG 221 Global Climate Change 	4

<p>G. Five Upper-Level courses in Sustainable Systems totaling 20 credits.</p> <p>It is strongly advised that you consider three courses from any one thematic area, but the exact composition of the five upper-level courses is up to the discretion of the student and the Environmental Studies Advisor.</p> <p>Additional courses may be available as topics courses each semester. Check with Environmental Studies Advisor.</p>	<p><u>Resource Management</u></p> <ul style="list-style-type: none">- GEOL 326/ENVI 343 Nonrenewable resources- ECON 331 Environ Economics- ECON 433 Natural Resource Economics- ENVI 382J Natural Resource Equity in Global South (In Fall 2024, this course will be renumbered to ENVI 341 and renamed to Intl Conservation & Development.)- ENVI 481D Forest Ecosystems & Conservation- ENVI 481S Earth Justice (In Fall 2024, this course will be renumbered to ENVI 465.)- GEOG 341 Water Resources Plng & Mgmt- GEOG 437 Natural Resource Conservation <p><u>Environ Policy and Law</u></p> <ul style="list-style-type: none">- PHIL 345 Philosophy of Law- PLSC 331 Constitutional Law & Politics- PLSC 333 Civil Rights & Liberties- PLSC 323 Congress in Amer Politics- PLSC 340 Public Opinion- PLSC 356 Politics of European Union- PLSC 373 Amer Political Thought- PLSC 382U Congress & President (F23)- PLSC 414 The US Supreme Court- ENVI 312 Envi Law & Policy- ENVI 347 Environ Pollution: Sci & Plcy- PLSC 481G Public Policy Analysis- ENVI 481S Earth Justice (In Fall 2024, this course will be renumbered to ENVI 465.)- ENVI 410 Sust Comm II: Policy & Practice <p><u>Food Systems</u></p> <ul style="list-style-type: none">- ANTH 365 Consumption, Culture & Modernity- ANTH 470 Paleoethnobotany- ANTH 479 Archeology of Domestication- ENVI 325 Ecological Agriculture- ENVI 336 Sweet Harvests: Bees & Maple- ENVI 338 Food Plcy: Health & Safety- ENVI 382U Food Energy Water Nexus- ENVI 435 Agriculture: Local & Global- ENVI 438 AgriBiotech: Sci, Pol & Conflict- SOC 307 Consuming Interests: Soc of Food- SOC 367 Food, People, & Resources	<p><u>Environmental Planning</u></p> <ul style="list-style-type: none">- ENVI 324 Urban Ecology- ENVI 415 Environ Planning, if not used elsewhere- ENVI 400 Sust Comm I: Theory & Practice- ENVI 410 Sust Comm II: Policy & Practice- GEOG 330 Natural Hazards- GEOG 333 Retail Geography- GEOG 335 Legal Aspects of Planning- GEOG 380B Big Data: Social Media & Envi- GEOG 345 Urban Planning Analysis I- GEOG 460 Census Geog & GIS- GEOG 461 Adv Raster GIS & GPS- EDD 305 Intro to Sustainable Eng & Design <p><u>Other</u></p> <ul style="list-style-type: none">- ANTH 350 Climate Change and Society- ANTH 450 Global Health- ANTH 451 Political Ecology- ECON 314 Econ of Developing Countries- ENVI 382G Ecosystems of Global Health- ENVI 382F Integrating Sustain. Science & Innovation- ENVI 481W Env Comm: Nat of People & Place (S23, S24)- ENVI 481F Indigenous Knowledge Systems (In Spring 2024, this course will be renumbered to become ENVI 470.)- ENVI 481H Climate Sustainability & Trauma- ENVI 481S Earth Justice (In Fall 2024, this course will be renumbered to ENVI 465.)- ENVI 483A Planning Sustainable Univ (** two credits, may be repeated)- SOC 358 Energy Power & Nature- SOC 370 Social Inequity- SOC 380G Work & Power- EDD 306 Eng Sustainable Energy	20
<p>H. One upper-level Environ Public Policy course</p>	<ul style="list-style-type: none">- ENVI 312 Environmental Law & Policy- ENVI 410 Sust Comm II: Policy & Practice		4

	- ENVI 481S Earth Justice (In Fall 2024, this course will be renumbered to ENVI 465.)	
I. One upper-level research, teaching, and/or applied course in Sustainable Systems	<ul style="list-style-type: none"> - ENVI 382U Food Energy Water Nexus - ENVI 415 Envi Planning, if not used elsewhere - PLSC 481G Public Policy Analysis - ENVI 417 Stories to Info: Qual Methods - ENVI 400 Sust Comm I: Theory & Practice - ENVI 410 Sust Comm II: Policy & Practice - ENVI 481S Earth Justice (Starting in Fall 2024, this course will be renumbered to ENVI 465.) <p>The following may be appropriate, but require department permission.</p> <ul style="list-style-type: none"> - ENVI 397 Independent Study - ENVI 491 Undergraduate Teaching - ENVI 495 Environ Internship 	4
J. One upper-level capstone course	<ul style="list-style-type: none"> - ENVI 413 Environ Studies Capstone - ENVI 382F Integrating Sustain. Science & Innovation <p>The following require department permission.</p> <ul style="list-style-type: none"> - ENVI 498 Senior Thesis - ENVI 499 Honors Thesis 	4
	Total Credits:	56