

Bachelor in Applied Science Sustainable Practices 90 Credits minimum

The Bachelors of Applied Science for Sustainable Practices (BAS-SP) expands Cascadia's commitment to sustainability and to the mission of transforming lives; it also fulfills crucial local and regional needs. Local industries from sustainability-related fields tell Cascadia that they desire bachelor level graduates, as well as opportunities for current workers to upgrade their educational levels to qualify for promotions or to move into management levels.

The BAS-SP student will leave the program with the ability to manage complex projects, operate at the management level and communicate changes needed at company and regional levels that ensure sustainable practices are interwoven at all levels in the community. A student graduating with a BASSP will have career options in government agencies, utility companies, energy efficiency businesses, non-profits, consulting and auditing organizations, water and agriculture industries, sustainable building/construction management firms, and educational institutions.

Graduates of the BAS-SP will acquire these five key sustainability competencies:

- ***Systems Thinking Competence***
Systems Thinking Competence is the ability to collectively analyze complex systems across different domains (society, environment, and the economy etc.) and across different scales (local to global).
- ***Interpersonal Competence***
Interpersonal Competence is the ability to motivate, enable and facilitate collaborative and participatory sustainability research and problem solving.
- ***Anticipatory Competence***
Anticipatory Competence is the ability to collectively analyze, evaluate, and craft rich 'pictures' of the future related to sustainability issues and sustainability problem-solving frameworks.
- ***Strategic Competence***
Strategic Competence is the ability to collectively design and implement interventions, transitions, and transformative governance strategies toward sustainability.
- ***Normative Competence***
Normative Competence is the ability to collectively map, specify, apply, reconcile, and negotiate sustainability values, principles, goals, and targets.

The Bachelor of Applied Science in Sustainable Practices (BAS-SP) program has select admission and application requirements. Program information sessions and specialized advising are available before applying to this program. Interested students should contact the Assistant Director of the BAS-SP program for more information.

Quarter 1

Course ID	Course Name	Lec	Lab	Other	Credits
SUPR 301	Introduction to Sustainable Practices	55			5.0
SUPR 325	Social Perspectives on Sustainable Practices	55			5.0
BIOL 320	Biodiversity	44	22		5.0

Bachelor in Applied Science Sustainable Practices (continued)

Quarter 2

Course ID	Course Name	Lec	Lab	Other	Credits
HIST 345	Global Historical Themes in Sustainability	55			5.0
ENVS 370	Environmental Chem, Pollution, and Waste Mgmt	44	22		5.0
POLS 306	State Government and Public Policy	55			5.0

Quarter 3

Course ID	Course Name	Lec	Lab	Other	Credits
GEOL 360	Earth Systems and Global Climate Change	44	22		5.0
CMST 340	Public, Civic and Community Advocacy	55			5.0
SUPR 310	Statistics For Research in Sustainability	55			5.0

Quarter 4

Course ID	Course Name	Lec	Lab	Other	Credits
GEOG 440	Global Natural Resource Management	44	22		5.0
SUPR 410	Research Methods in Sustainability	55			5.0
ECON 460	Economics of Natural Resources	55			5.0

Quarter 5

Course ID	Course Name	Lec	Lab	Other	Credits
BIT 435	Data Science and Visualization	44	22		5.0
POLS 445	Environmental Politics and Policy	55			5.0
PHIL 460	Applied Environmental Ethics	55			5.0

Quarter 6

Course ID	Course Name	Lec	Lab	Other	Credits
BUS 480	Sustainable Management	55			5.0
SUPR 490	Capstone Project				
SUPR 397/497	Work-Based Learning I, and II				