



Central Washington University

Degree Program Student Learning Outcome Assessment Plan

Department: Environmental Studies

Program: BS-Environmental Studies

Student Learning Outcome (performance, knowledge, attitudes)	Related CWU Strategic Outcome(s) http://www.cwu.edu/s/trategic-planning/	Method(s) of Assessment (What is the assessment?)*	Who Assessed (Students from what courses - population)**	When Assessed (term, dates)***	Standard of Mastery/ Criterion of Achievement (How good does performance have to be?)
1. Students possess fundamental understanding of current environmental issues	1.1.1 Students will achieve programmatic learning outcomes.	Course grades for Environmental Sciences majors ENST Major proficiency test taken by graduating seniors. ENST 444 final report.	ENST 201 ENST 202 ENST 444	Fall, ENST 201 Winter, ENST 202 End of major ENST 444, Spring	All majors receive grade of C- or higher in ENST 201 and 202 All majors receive greater than 80% on proficiency test in ENST 444. All ENST 444 final reports reflect clear understanding of the environmental issue covered.
2. Students can describe the various perspectives that different constituencies bring to environmental issues	1.1.1 Students will achieve programmatic learning outcomes.	Designated assignments and exam questions in ENST 303 ENST 444 final report	ENST 303 ENST 444	Every year, when ENST 303 is offered End of major ENST 444, Spring	All majors receive grade of B- or higher on designated assignments and exam questions Final reports on Policy topic presents perspectives from at least three different constituencies
3. Students make informed decisions (e.g., voting and other life choices) that account for relevant environmental issues	1.1.1 Students will achieve programmatic learning outcomes.	ENST 444 survey Alumni survey	ENST 444 Recent graduates	End of major ENST 444, Spring Recent graduates, at time of program review	All students and graduates can describe environmental implications of decisions they have recently made.

Student Learning Outcome (performance, knowledge, attitudes)	Related CWU Strategic Outcome(s) http://www.cwu.edu/sstrategic-planning/	Method(s) of Assessment (What is the assessment?)*	Who Assessed (Students from what courses - population)**	When Assessed (term, dates)***	Standard of Mastery/ Criterion of Achievement (How good does performance have to be?)
4. Students will develop critical thinking skills necessary to carry out scientific research and assess and develop policy choices	1.1.1 Students will achieve programmatic learning outcomes. 3.1.2 Sustain the number of courses that include research, scholarship, and creative expression skills as key outcomes.	ENST 304 lab reports ENST 444 final report Employer surveys Documents (papers, theses, SOURCE abstracts and presentations) from research: ENST 495 and other research credits	ENST 304 ENST 444 Graduates in environmental careers Juniors and seniors	Each year, in ENST 304 End of major ENST 444, Spring At time of program review Each year	ENST 304 lab reports reflect ability to separate data from interpretation and create multiple hypotheses In ENST 444 reports, students present logical arguments for different policy choices Employers rate graduates satisfactory in critical thinking 90% of research projects culminate in A to B level reports or presentations
5. Students integrate knowledge from different perspectives	1.1.1 Students will achieve programmatic learning outcomes.	ENST 303 designated assignments and exam questions ENST 444 final report Employer surveys	ENST 303 students ENST 444 students Recent graduates in environmental careers	Each year, in ENST 303 End of major ENST 444, Spring At time of program review	All majors receive grade of B- or higher on designated assignments and exam questions Final reports on Policy topic presents perspectives from at least three different constituencies Employers rate graduates satisfactory in their ability to integrate knowledge from different perspectives
6. Students possess oral and written communication skills	1.1.1 Students will achieve programmatic learning outcomes.	Papers collected from ENST 210, 304 and 444 ENST 444 oral presentations and final report Employer surveys	ENST 210, ENST 304, ENST 444 ENST 444 students Recent graduates in environmental careers	Every two years End of major ENST 444, Spring At time of program review	Progression seen in quality of writing from ENST 210 to ENST 304 to ENST 444. ENST 444 final reports are free of major errors in grammar and organization. 90% of employers surveyed rate graduates as satisfactory in terms of oral and written communication skills

Student Learning Outcome (performance, knowledge, attitudes)	Related CWU Strategic Outcome(s) http://www.cwu.edu/s-tragic-planning/	Method(s) of Assessment (What is the assessment?)*	Who Assessed (Students from what courses - population)**	When Assessed (term, dates)***	Standard of Mastery/ Criterion of Achievement (How good does performance have to be?)
7. Students have depth of knowledge in an area of specialization	1.1.1 Students will achieve programmatic learning outcomes.	Courses in area of specialization ENST 444 proficiency test for area of specialization Alumni surveys	Graduating seniors ENST 444 Alumni	At time of graduations End of major ENST 444, Spring At time of program review	All graduates' have GPA at or above 2.5 in area of specialization All majors receive greater than 80% on proficiency test in area of specialization ENST 444. 90% of alumni report that they received adequate training in their area of specialization

*Method(s) of assessment should include those that are both direct (tests, essays, presentations, projects) and indirect (surveys, interviews) in nature.
 **Data needs to be collected and differentiated by location (Ellensburg campus vs University Centers) and modality (e.g. online, face-to-face, hybrid)
 ***Timing of assessment should ideally be at different transition points of program (i.e., admission, mid-point, end-of-program, post-program)

rev. 12/14

Assessment Cycle

Analysis and Interpretation: December
 Improvement Actions: Completed by June
 Dissemination: Completed by June

Year SLOs	15-16	16-17	17-18	18-19	19-20	20-21
1	x	x	x	x	x	x
2	x	x	x	x	x	x
3	x	x	x	x	x	x
4	x	x	x	x	x	x
5	x	x	x	x	x	x
6	x	x	x	x	x	x
7	x	x	x	x	x	x

Assessment Oversight

Name	Department Affiliation	Email Address	Phone Number
Anne Johansen	Chemistry	johansea@cwu.edu	x2164

