



# Central Washington University

Degree Program Student Learning Outcome Assessment Plan

Department: Nutrition, Exercise, and Health Sciences

Program: BS-Food Science and Nutrition

Revised Fall 2015

Student Learning Outcome (performance, knowledge, attitudes)	Related CWU Strategic Outcome(s) <a href="http://www.cwu.edu/strategic-planning/">http://www.cwu.edu/strategic-planning/</a>	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. Program graduates will have knowledge of effective communication techniques through a wide variety of mediums (group presentations, individual counseling and education, media presentations, etc....) (all degrees and specializations)	1.1.1 Students will achieve programmatic learning outcomes.	1. Assessment of interviewing skills 2. Research and laboratory report writing 3. Oral presentations 4. Presentation through visual media 5. Research papers and case studies 6. Survey of senior level students	Students from 345, 347, 440, 442, 444, 445, 446. Survey of senior level students just prior to graduation.	Quarterly. Surveys formally done every three years. (June 2016)	Score 70% or better on established criteria. Surveys show high degree of satisfaction.
2. Program graduates will have knowledge from the basic sciences of biology and chemistry and be able to apply them to the nutritional care and education processes. (D, NS)	1.1.1 Students will achieve programmatic learning outcomes.	Demonstrate knowledge of these areas on course examinations. Survey of senior level students	Students in CHEM 111, 112, 113, BIOL 201, 220, NUTR 433, 443, 442, 444. Survey of senior level students just prior to graduation.	Quarterly. Surveys formally done every three years. . (June 2017)	Score 70% or better on established criteria. Surveys show high degree of satisfaction.

Student Learning Outcome (performance, knowledge, attitudes)	Related CWU Strategic Outcome(s) <a href="http://www.cwu.edu/s-trategic-planning/">http://www.cwu.edu/s-tragic-planning/</a>	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?)
3. Program graduates will have knowledge of research process. (D, NS)	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.	1. Provide summaries of research papers.  2. Conduct a food research project concluding with a professional manuscript and poster presentation.  3. Survey of senior level students.	Students in NUTR 433, 446, 440, and 445. Survey of senior level students just prior to graduation	Quarterly. Surveys formally done every three years. . (June 2018)	Score 70% or better on established criteria. Surveys show high degree of satisfaction.
4. Program graduates will have knowledge of the science of foods, processing on commercial and consumer scales, food safety and sanitation issues, food delivery and production systems, and factors that affect food selection. (D, FN, BASFSM)	1.1.1 Students will achieve programmatic learning outcomes.	1. Demonstrate knowledge of these areas on course examinations.  2. Pass Safe-Serve examination  3. Write laboratory reports.  4. Survey of senior level students.	Students in NUTR 240, 240LAB, 342, 342LAB, 340, 340LAB, 440, 445, 448. Survey of senior level students just prior to graduation	Quarterly. Surveys formally done every three years. . (June 2016)	Score 70% or better on established criteria. Receive Safe-Serve certificate. Surveys show high degree of satisfaction.
5. Program graduates will have the knowledge of the science of nutrition including the assessment of health status, influence of age and physiological state on nutritional needs, nutritional therapy of those in disease or injured states, and the use of dietary supplements and methods of complementary medicine. (ND, NS)	1.1.1 Students will achieve programmatic learning outcomes.	1. Demonstrate knowledge of these areas on course exams and in laboratory reports.  2. Survey of senior level students.	Students in NUTR 345, 350, 433, 442, 443, 444, 446. Survey of senior level students just prior to graduation.	Quarterly. Surveys formally done every three years. . (June 2017)	Score 70% or better on established criteria. Surveys show high degree of satisfaction.

<b>Student Learning Outcome (performance, knowledge, attitudes)</b>	<b>Related CWU Strategic Outcome(s)</b> <a href="http://www.cwu.edu/strategic-planning/">http://www.cwu.edu/strategic-planning/</a>	<b>Method(s) of Assessment (What is the assessment?)*</b>	<b>Who Assessed (Students from what courses - population)**</b>	<b>When Assessed (term, dates)***</b>	<b>Standard of Mastery/ Criterion of Achievement (How good does performance have to be?)</b>
6. Program graduates will have the knowledge of management theories and principals including organizational change theory, human resource management, risk management, quality improvement, information management, and financial management. (D, FN, BASFSM)	1.1.1 Students will achieve programmatic learning outcomes.	1. Demonstrate knowledge of these areas on course exams and laboratory reports.  2. Survey of senior level students.	Students in NUTR 342, 342lab, 340, 340lab, 448, MGT 380, 381. Survey of senior level students just prior to graduation.	Quarterly. Surveys formally done every three years . (June 2018)	Score 70% or better on established criteria. Surveys show high degree of satisfaction.

\*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)

## Assessment Cycle

Analysis and Interpretation: December

Improvement Actions: Completed by June

Dissemination: Completed by June

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

## Assessment Oversight

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