

Program Review Executive Summary Template

Institution Name: Oklahoma Panhandle State University Program Name and State Regents Code: 002 Agronomy BS List Any Options: None Date of Review: 11/8/2019 Recommended Date of Next Review: 2024	
Centrality to Institutional Mission: The program of Agronomy follows the Oklahoma Panhandle State University mission of “Rooted in “Progress through Knowledge,” OPSU is committed to promoting excellence in the preparation of students for success in a global community.” This is done through its goals, which align to the primary points of “progress through knowledge... in a global community” with a focus on oral and written communication, analytical and quantitative reasoning, and social responsibility and cultural awareness.	
Program Objectives and Goals: Goal 1: Oral and Written Communication: Communicate effectively using written, oral, and symbolic languages Student Learning Objectives: 1) Students effectively communicate information verbally in various settings 2) Students be able to write effectively for a variety of audiences Goal 2: Analytical and Quantitative Reasoning: Read and think critically by analyzing, assimilating, and applying information Student Learning Objectives: 1) Students demonstrate an understanding of scientific principles 2) Students be able to properly apply problem solving skills in a variety of scenarios Goal 3: Social Responsibility and Cultural Awareness: Be an aware and active participant in the global, dynamic community Student Learning Objectives: 1) Students demonstrate an understanding of how ruminant animal production on grazing lands can help alleviate food shortages in diverse countries and cultures 2) Students demonstrate an understanding of how agronomy is responsible for increasing food production to meet the demand of a world’s growing population in diverse countries and cultures.	
Quality Indicators Such As:	Student benchmarks were met in all student-learning objectives at the time of the Program Review. Student evaluations were used to inspire the changes of test revision, emphasis of subjects in courses, and refinement and development of lecture topics. Learning environments for the student are becoming more effective. Faculty in the department participated in a campus wide evaluation of the learning management system; the digital learning space of D2L was reevaluated Summer 2018 and found to still be a great fit for our students and their learning. The capacity of the program to meet needs and expectations of constituencies is met through the emphasis of food security and technological and scientific procedures used to increase food production.
Productivity for Most Recent 5 Years	Number of Degrees: 8.25 average over past 4 years Number of Majors: 18 average over past 4 years

Other Quantitative Measures Such As:	Number of Courses for Major: 21 Student Credit Hours in Major: 69 2014/2015 Direct Instructional Costs: \$60397 2015/2016 Direct Instructional Costs: \$66024 2016/2017 Direct Instructional Costs: \$63711 2017/2018 Direct Instructional Costs: \$65691 2018/2019 Direct Instructional Costs: \$103898 Supporting Credit Hour Production: 37 <table border="1" data-bbox="527 444 1751 586"> <thead> <tr> <th data-bbox="527 444 835 480">Faculty Member</th> <th data-bbox="835 444 1062 480">Credential</th> <th colspan="4" data-bbox="1062 444 1751 480">Institution</th> </tr> </thead> <tbody> <tr> <td data-bbox="527 480 835 516">Curtis Bensch</td> <td data-bbox="835 480 1062 516">PhD</td> <td colspan="4" data-bbox="1062 480 1751 516">Kansas State University</td> </tr> <tr> <td data-bbox="527 516 835 552">Nels Peterson</td> <td data-bbox="835 516 1062 552">PhD</td> <td colspan="4" data-bbox="1062 516 1751 552">North Dakota State University</td> </tr> <tr> <td data-bbox="527 552 835 586">Joshua Peterson</td> <td data-bbox="835 552 1062 586">MS</td> <td colspan="4" data-bbox="1062 552 1751 586">North Dakota State University</td> </tr> </tbody> </table> Number of FTE faculty in specialized courses: 2						Faculty Member	Credential	Institution				Curtis Bensch	PhD	Kansas State University				Nels Peterson	PhD	North Dakota State University				Joshua Peterson	MS	North Dakota State University			
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Duplication and Demand	The Bachelor in Agronomy is a program in demand due to high graduate placement and more jobs unfilled than graduates. There is no comparable university offering a similar program within a reasonable distance.																													
Effective Use of Resources		2014/2015	2015/2016	2016/2017	2017/2018	2018/2019																								
	Cost to operate program per student credit hour	\$248.75	\$259.55	\$256.20	\$273.99	\$297.61																								
	Faculty/ student ratio	1/6.33	1/6.67	1/6	1/6.42	1/9.17																								
Strengths and Weaknesses	Strengths of the program include highly-qualified and professional agronomist graduates who place in multi-billion-dollar seed, fertilizer, pesticide, and consulting companies as well as the Natural Resources Conservation Service. Weaknesses include low amount of faculty and high overload hours.																													
Recommendations	Maintain. Look into a minimum target number of students enrolled to be able to have another full-time faculty.																													