

Program Assessment

2019-2020

Agriculture and Biological Sciences

Agricultural Sciences	
Date	Click or tap to enter a date.
Competency # and Description	1. Explain the importance of animal and plant production systems and the role they play in the food and fiber sector of the global economy
Course	AGRI 1113 – Agricultural Economics AGRI 1124 – Intro to Animal Science AGRI 1223 – Intro to Plant/Soil Science
Activity	AGRI 1113 - Exam AGRI 1124 - Exam AGRI 1223 - Exam
Measurement (attached copy of instrument with point distribution)	AGRI 1113 – Exam 1 AGRI 1124 – Exam 1 AGRI 1223 – Exam 1
Evaluation Criteria	70% pass rate on exam
2015-2016 Results	AGRI 1113 10 out of 15 – 67% AGRI 1124 16 out of 25 – 64% AGRI 1214 13 out of 13 – 100%
2016-2017 Results	AGRI 1113 17 out of 22 – 77% AGRI 1124 8 out of 20 – 40% AGRI 1214 9 out of 20 – 45%
2017-2018 Results	AGRI 1113 10/18 – 55.6% AGRI 1124 13/21 – 61.9% AGRI 1223 11/16 – 68.8%
2018-2019 Results	AGRI 1113 12/17 – 70.6% AGRI 1124 22/29 – 75.9% AGRI 1223 10/15 – 66.7%
2019-2020 Results	
Summary of changes for 2018-2019	Incorporate global data into lectures and include collection of global data into the laboratory component of AGRI 1124.
Recommendation for changes for 2019-2020	Data to be assessed in Fall with faculty.
Recommendation for changes for 2020-2019	
Timeline for Review	Fall/spring data will be collected and reviewed in the spring and instructors from all campuses will determine needed adjustments.

Date	Click or tap to enter a date.	
Competency # and Description	2. Demonstrate effective oral and written expression	
Course	AGRI 1113 – Agricultural Economics AGRI 1124 – Intro to Animal Science AGRI 1223 – Intro to Plant/Soil Science AGRI 2124 – Fund of Soil Science AGRI 2222 – Live Animal Evaluation	
Activity	AGRI 1113 – Written Report AGRI 1124 - Breed presentations AGRI 1223 - Crop Prod. Paper AGRI 2124 – Soil Test Report AGRI 2222 - Final reasons-OSU	
Measurement (attached copy of instrument with point distribution)	AGRI 1113 – Written Report AGRI 1124 - Breed presentations AGRI 1223 - Crop Prod. Paper AGRI 2124 – Soil Test Report AGRI 2222 - Final reasons-OSU	
Evaluation Criteria	70% pass rate on activity	
2015-2016 Results	AGRI 1113 15 out of 15 - 100% AGRI 1124 25 out of 25 - 100% AGRI 1214 13 out of 13 – 100% AGRI 2124 10 out of 10 – 100% AGRI 2222 15 out of 15 - 100%	
2016-2017 Results	AGRI 1113 20 out of 21 - 95% AGRI 1124 18 out of 20 - 90% AGRI 1214 20 out of 20 – 100% AGRI 2124 10 out of 12 – 83% AGRI 2222 4 out of 4 – 100%	
2017-2018 Results	AGRI 1113 18/18 - 100% AGRI 1124 20/21 – 85.2% AGRI 1223 11/16 – 68.8% AGRI 2124 11/11 - 100% AGRI 2222 12/12 - 100%	
2018-2019 Results	AGRI 1113 13/14 – 92.9% AGRI 1124 37/37 – 100% AGRI 1223 11/15 – 73.3% AGRI 2124 13/13 – 100% AGRI 2222 Data not collected – See 2018-2019 changes	
2019-2020 Results		
Summary of changes for 2018-2019	Discontinue collection of data (oral reasons) from AGRI 2222 for this competency due to the advanced training that some students have in this area compared to others in the class.	
Recommendation for changes for 2019-2020	Data to be assessed in Fall with faculty.	
Recommendation for changes for 2020-2019		

Timeline for Review	Fall/spring data will be collected and reviewed in the spring and instructors from all campuses will determine needed adjustments.	
Date	Click or tap to enter a date.	
Competency # and Description	3. Interpret and analyze agricultural production data.	
Course	AGRI 1113 – Agricultural Economics AGRI 1124 – Intro to Animal Science AGRI 1223 – Intro to Plant/Soil Science AGRI 2124 – Fund of Soil Science AGRI 2222 – Live Animal Evaluation	
Activity	AGRI 1113 - Homework AGRI 1124 – Exam AGRI 1223 - Exam AGRI 2124 - Exam AGRI 2222 - Exam	
Measurement (attached copy of instrument with point distribution)	AGRI 1113 - Homework AGRI 1124 – Exam 3 AGRI 1223 – Exam 2 AGRI 2124 – Exam 3 AGRI 2222 – Mid-term Exam	
Evaluation Criteria	Pass rate of 70% on each activity	
2015-2016 Results	AGRI 1113 12 out of 15 – 80.0% AGRI 1124 13 out of 25 – 52.0% AGRI 1214 8 out of 13 – 61.5% AGRI 2124 8 out of 10 – 80.0% AGRI 2222 9 out of 14 – 64.3%	
2016-2017 Results	AGRI 1113 15 out of 22 – 68% AGRI 1124 12 out of 20 – 60% AGRI 1214 5 out of 20 – 25% AGRI 2124 8 out of 12 – 67% AGRI 2222 4 out of 4 – 100%	
2017-2018 Results	AGRI 1113 17/18 – 94.4% AGRI 1124 15/19 – 78.9% AGRI 1223 11/16 – 68.8% AGRI 2124 11/11 - 100% AGRI 2222 8/11 – 72.7%	
2018-2019 Results	AGRI 1113 16/16 – 100% AGRI 1124 18/27 – 66.7% AGRI 1223 13/15 – 86.7% AGRI 2124 9/13 – 69.2% AGRI 2222 12/15 – 80%	
2019-2020 Results		
Summary of changes for 2018-2019	No changes. Majority of classes either met or exceeded pass rates.	
Recommendation for changes for 2019-2020	Data to be assessed in Fall with faculty.	

Recommendation for changes for 2020-2019	
Timeline for Review	Fall/spring data will be collected and reviewed in the spring and instructors from all campuses will determine needed adjustments.

Summary of Program and Divisional Changes	
2016-2017	- Submitted 4 new program options to the agriculture degree: Pre-Vet, Ag Communications, Ag Business, and Plant & Soil Science - Added internship opportunities within the discipline area
2017-2018	- Began advising form the 4 new degree options - Moved all Ag classes to a M W F schedule - Began collection of data for the additional degree options
2018-2019	Incorporated research opportunities through agriculture program
2019-2020	

Recommendations for Program Changes	
2017-2018	- Begin using new degree options for advisement, Fall 2017 - Continue to expand internship opportunities within the discipline area
2018-2019	- Remove AGRI 2222 from assessment of Competency #2 - Edit AGRI 1124 curricula to include more livestock management information - Edit AGRI 2222 curricula to include more carcass evaluation
2019-2020	Data to be assessed in Fall with faculty.
2020-2021	

Ag, Science, & Engineering

Program Level Outcomes Timeline						
Program Objectives - Agriculture	Course Map	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020

1. Explain the importance of animal and plant production systems and the role they play in the food and fiber sector of the global economy	AGRI 1113 AGRI 1124 AGRI 1223	X	X	X	X	X
2. Demonstrate effective oral and written expression	AGRI 1113 AGRI 1124 AGRI 1223 AGRI 2124 AGRI 2222	X	X	X	X	X
3. Interpret and analyze agricultural production data.	AGRI 1113 AGRI 1124 AGRI 1223 AGRI 2124 AGRI 2222	X	X	X	X	X