Program Assessment

2019-2020

Agriculture and Biological Sciences

Agricultural Sciences - Plant and Soil Sciences Option	
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 17/12 – 70.6% AGRI 1124 29/22 – 75.9% AGRI 1223 15/10 – 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 2020-2021	
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
Activity	AGRI 1113 – Written Report AGRI 1124 - Breed presentations AGRI 1223 - Crop Prod. Paper AGRI 2124 – Soil Test Report
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
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%
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%
2017-2018 Results	AGRI 1113 18/18 - 100% AGRI 1124 20/21 – 95.2% AGRI 1223 11/16 – 68.8% AGRI 2124 11/11 - 100%
2018-2019 Results	AGRI 1113 13/14 – 92.3% AGRI 1124 37/37 – 100% AGRI 1223 11/15 – 73.3% AGRI 2124 13/13 – 100%
2019-2020 Results	
Summary of changes for 2018-2019	No changes.
Recommendation for changes for 2019-2020	Data to be assessed in Fall with faculty
Recommendation for changes for 2020-2021	
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
Activity	AGRI 1113 - Homework AGRI 1124 – Exam AGRI 1223 - Exam
Measurement (attached copy of instrument with point distribution)	AGRI 1113 - Homework AGRI 1124 – Exam 3 AGRI 1223 – Exam 2
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%
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%
2017-2018 Results	AGRI 1113 17/18 – 94.4 % AGRI 1124 15/19 – 78.9% AGRI 1223 11/16 – 68.8%
2018-2019 Results	AGRI 1113 16/16 – 100% AGRI 1124 18/27 – 66.7% AGRI 1223 13/15 – 86.7%
2019-2020 Results	
Summary of changes for 2018-2019	No changes.
Recommendation for changes for 2019-2020	Data to be assessed in Fall with faculty
Recommendation for changes for 2020-2021	
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	4. Identify plant structures for use in plant classification.
Course	BISI 1314 - Botany

Activity	BISI 1314 - Average of plant ID quizzes
Measurement (attached copy of instrument with point distribution)	BISI 1314 - Plant ID quizzes
Evaluation Criteria	Pass rate of 70% on each activity
2016-2017 Results	N/A
2017-2018 Results	BISI 1314 5/11 – 45.5%
2018-2019 Results	BISI 1314 6/8 – 75%
2019-2020 Results	
Summary of changes for 2018-2019	No changes for this year, as it is the first year to collect for BISI 1314. Need to have more data before assessing changes.
Recommendation for changes for 2019-2020	Data to be assessed in Fall with faculty
Recommendation for changes for 2020-2021	
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	• Moved all Ag classes to a M W F schedule • Began advising form the 4 new degree options • 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	• Edit AGRI 1124 curricula to include more livestock management information • Incorporate an "overall" average for each competency for comparison back to yearly averages. • Report data for Ag students only for BISI 1314.
2019-2020	Data to be assessed in Fall with faculty
2020-2021	

Ag, Science, & Engineering

Program Objectives – Agriculture – Plant and Soil Science Option	Course Map	Program Level Outcomes Timeline				
		2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
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	X	X	X	X	X
3. Interpret and analyze agricultural production data.	AGRI 1113 AGRI 1124 AGRI 1223 AGRI 2124	X	X	X	X	X
4. Identify plant structures for use in plant classification.	BISI 1314	X	X	X	X	X