

Program Assessment

2019-2020

Agriculture and Biological Sciences

| Agricultural Sciences - Agriculture Business Option | |
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| 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 - Exa |
| 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 – 55.3% AGRI 1124 13/21 – 61.9% AGRI 1214 11/16 – 68.8% |
| 2018-2018 Results | AGRI 1113 12/17 – 70.6% AGRI 1124 22/29 – 75.9% AGRI 1213 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 2020-2021 | |
| 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 |

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| Course | AGRI 1113 – Agricultural Economics AGRI 1124 – Intro to Animal Science AGRI 1223 – Intro to Plant/Soil Science |
| Activity | AGRI 1113 – Written Report AGRI 1124 - Breed presentations AGRI 1223 - Crop Prod. Paper |
| Measurement (attached copy of instrument with point distribution) | AGRI 1113 – Written Report AGRI 1124 - Breed presentations AGRI 1223 - Crop Prod. Paper |
| 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% |
| 2016-2017 Results | AGRI 1113 20 out of 21 - 95% AGRI 1124 18 out of 20 - 90% AGRI 1214 20 out of 20 - 100% |
| 2017-2018 Results | AGRI 1113 18/18 - 100% AGRI 1124 20/21 - 95.2% AGRI 1223 11/16 - 68.8 % |
| 2018-2019 Results | AGRI 1113 13/14 – 92.9% AGRI 1124 37/37 – 100% AGRI 1223 11/15 – 73.3% |
| 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. |
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| 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 |

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| 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% |
| 2016-2017 Results | AGRI 1113 15 out of 22 – 68% AGRI 1124 12 out of 20 – 60% AGRI 1214 5 out of 20 – 25% |
| 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. |
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| Date | Click or tap to enter a date. |
| Competency # and Description | 4. Maintain and interpret accurate financial information. Including demonstration of skill to analyze, post and manage financial information to facilitate transaction analysis and statement analysis, to accurately budget, to implement appropriate internal controls and prepare basic cost analysis. |
| Course | ACCT 2103 – Accounting I – Financial ACCT 2203 – Accounting II - Managerial |
| Activity | Final exam |
| Measurement (attached copy of instrument with point distribution) | Students will complete a faculty developed common comprehensive examination each semester. |
| Evaluation Criteria | Pass rate of 70% |
| 2016-2017 Results | N/A |
| 2017-2018 Results | ACCT 2103 0/4 – 0% for AG students ACCT2203 1/2- 50% for AG students |

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| 2018-2019 Results | ACCT 2103 ACCT2203 |
| 2019-2020 Results | |
| Summary of changes for 2018-2019 | No changes for this year, as it is the first year to collect for these classes. 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 | |
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| 2016-2017 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Incorporated research opportunities through agriculture program |
| 2019-2020 | <ul style="list-style-type: none"> |

| Recommendations for Program Changes | |
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| 2017-2018 | <ul style="list-style-type: none"> Begin using new degree options for advisement, Fall 2017 Continue to expand internship opportunities within the discipline area |
| 2018-2019 | <ul style="list-style-type: none"> 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 ACCT 2103 and ACCT 2203. |
| 2019-2020 | Data to be assessed in Fall with faculty. |
| 2020-2021 | |

Ag, Science, & Engineering

| Program Level Outcomes Timeline | | | | | | |
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| Program Objectives – Agriculture- Business Option | Course Map | 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 | X | X | X | X | X |
| 3. Interpret and analyze agricultural production data. | AGRI 1113 AGRI 1124 AGRI 1223 | X | X | X | X | X |
| 4. Maintain and interpret accurate financial information. Including demonstration of skill to analyze, post and manage financial information to facilitate transaction analysis and statement analysis, to accurately budget, to implement appropriate internal controls and prepare basic cost analysis. | ACCT 2103 ACCT 2203 | X | X | X | X | X |