### AGRICULTURE CURRICULAR MAPPINGS (CMs)

<table>
<thead>
<tr>
<th>COURSE NO.</th>
<th>SC GE-1</th>
<th>SC GE-2</th>
<th>SC GE-3</th>
<th>SC GE-4</th>
<th>AG/BI345</th>
<th>AG/BI430</th>
<th>AG321</th>
<th>AG340</th>
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<th>AG421</th>
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### AGRICULTURE DEGREE PROGRAM SLOs

<table>
<thead>
<tr>
<th>AG-PROG-1</th>
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### ASSESSMENT ACTIVITY

- **Assessment Activity:** Conducted by a supervisor and report submission to instructor.

### ASSESSMENT RESULTS AND RECOMMENDATIONS FOR PROGRAM IMPROVEMENTS

1. **Pesticide and Farm Health:** Utilization of Pesticides: The primary advantage of anemic phase is in the provision of a productive and efficient pest management system. Pesticides are being developed for use in AG125 to assess students’ and reports on journal articles.

2. **Observation under activity:** A projective and report submission to instructor by the supervisor to the teaching faculty (AG498 internship).

3. **Program Review:** The Program Review Committee’s report is based on the new program goals.

### AGRICULTURE PROGRAM ASSESSMENTS

1. **Pesticide and Farm Health:** Utilization of Pesticides: The primary advantage of anemic phase is in the provision of a productive and efficient pest management system. Pesticides are being developed for use in AG125 to assess students’ and reports on journal articles.

2. **Observation under activity:** A projective and report submission to instructor by the supervisor to the teaching faculty (AG498 internship).

3. **Program Review:** The Program Review Committee’s report is based on the new program goals.

4. **Program Review:** The Program Review Committee’s report is based on the new program goals.

### THE NUMBERS ARE COURSE SLO NUMBERS THAT LINK TO THE COURSE SLO (See UOG/CNAS/CONAS Assessment Website for detailed descriptions of these course SLOs by visiting: http://www.aug.edu/dynamicdata/CNASAssessment.aspx?siteid=2&pg=20).

### Pending Faculty Input

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**AG-PROG-1: **TECHNICAL KNOWLEDGE. Graduates will have the theoretical and practical scientific knowledge needed for continued effective and sustainable crop production, as well as the information and subject-matter mastery required for exercising wise judgment in dealing with complex issues in resource management and conservation. And, it must be illustrated that application is a life-long concern.

**AG-PROG-2: **PROFESSIONAL AND COMMUNICATION SKILLS. Students will develop the human and technical skills needed to function in the forefront of an increasingly complex and competitive society: oral and written communication, and leadership skills, and the critical, integrative thinking capacity supports problem solving and decision making.

**AG-PROG-3: **TECHNOLOGICAL LITERACY. Graduates are competent at applying technological skills to their chosen work. They are also competent in the use of analog and digital equipment used in modern agricultural systems. Graduates, effectively judge the usefulness and appropriate values of existing and new technologies in their professional endeavors.

**AG-PROG-4: **PERCEPTION. The student should have a holistic perspective of agriculture; an appreciation of agriculture as a highly sophisticated, integrated system that operates within a political environment and on a global scale. Students must be able to visualize what makes the whole work, and understand the responsibilities of the agriculturist within the system with respect to production of an abundant, safe, and nutritious food supply within the context of wise management of natural resources.

**AG-PROG-5: **ETHICAL VALUES. The curriculum should lead students in development of an appreciation of ethical resources, management, and principles in regional, national, and world social and economic contexts. It must instill awareness for sustainable management of environment, soil, water, wildlife and other natural resources.

**AG-PROG-6: **DIVERSITY. For society to function effectively and justice for each person, the student must appreciate the values that our diverse backgrounds and philosophies bring to the whole. Understanding of and appreciation for the political, cultural, and religious oppositions and practices of others is the hallmark of an educated person.

**AG-PROG-7: **ANALYTIC SKILLS. Graduates are competent at synthesizing, organizing, analyzing, interpreting and presenting quantitative and qualitative data to agricultural science and natural resources.
AGRICULTURE PRE- AND POST-TESTS ASSESSMENT STUDIES

ASSESSMENT ACTIVITY 1
AG101 PRE-POST TESTS ASSESSMENTS

1. The following GE Science SLO was selected for assessment: SC GE-4

ASSESSMENT RESULTS AND RECOMMENDATIONS

1. Summary of Assessment Results (see below)
- Pre-tests were used to determine student readiness, to identify areas that were lacking, to determine if student would gain knowledge from the course content.
- In general, students demonstrated increasing basic knowledge of the terminology, scientific concepts & principles and their applications in plant sciences, soil sciences, scientific measurement & chemistry, and agricultural sciences.

2. Recommendations for Improvements
- Pre-tests will be used as indicators for determining time allotted to covering specific major topics of the course.

ASSESSMENT ACTIVITY 2
AG102 PRE-POST TESTS ASSESSMENTS

1. The following program SLO was selected for assessment: SC GE-4

ASSESSMENT RESULTS AND RECOMMENDATIONS

1. Summary of Assessment Results (see below)

ASSESSMENT ACTIVITY 1
AG101 PRE-POST TESTS ASSESSMENT STUDY

Pre-test/Post-test Assessments of Four Semesters of AG101

AG101 Spring 2008 Pre-test/Post-test comparisons

AG101 Summer 2008 Pre-test/Post-test comparisons

AG101 Fall 2008 Pre-test/Post-test comparisons

AG102 Fall 2008 Comprehensive Pre-test/Post-test Comparison

AGRICULTURE AG102 PRE-POST TESTS ASSESSMENT STUDY

Pre-test/Post-test Assessments of Four Semesters of AG102

AG102 Spring 2008 Pre-test/Post-test comparisons

AG102 Summer 2008 Pre-test/Post-test comparisons

AG102 Fall 2008 Pre-test/Post-test comparisons