

2007 MASTER PLAN/PROGRESS REPORT

Academic Program: BS Agricultural Education Grades 6-12

Person Responsible: Chip Lemieux

Date Submitted: May 30, 2007

Mission: The Harold and Pearl Dripps Department of Agriculture supports the university mission of offering baccalaureate curricula distinguished by academic excellence. The Harold and Pearl Dripps Department of Agricultural Science offers degrees in Agricultural Sciences, Agricultural Science Education, and Wildlife Management. Concentrations offered in the Agricultural Sciences core are; Animal Science, Equine Science, Agribusiness, and General Agriculture. The goals of the Harold and Pearl Dripps Agricultural Department are:

1. To instill practical agricultural practices and application.
2. To prepare students for careers in agriculture.
3. To prepare students for graduate or professional school.
4. To introduce students to the role of research and biotechnology through agriculture.
5. To contribute to the intellectual development of students.
6. To enable students to effectively participate in and make significant contributions to contemporary society.

Institutional Mission Reference: At McNeese State University, a member of the University of Louisiana System, students cultivate skills for critical thinking and effective expression and gain an understanding of the global community. The learning and social environment integrates discipline-specific knowledge with the values of lifelong learning, ethical responsibility, and civic engagement.

Assessment Methods Utilized:

- Standardized Exam (nationally normed)
- Standardized Exam (state-normed)
- Major Field Examination
- Internally-developed Examination
- Student Opinion Survey (SOS)
- National Survey of Student Engagement (NSSE)
- Employer Survey
- Graduate Survey
- Alumni Survey
- Exit Survey/Interview/Exam
- Program-specific Survey
- Scoring of Essay
- Portfolio Evaluation
- Capstone Project
- Presentation
- Research Paper
- Research Project

Data Repository Location:

Faculty/Staff Office Files

Departmental Office Files

Faculty/Staff Office Files

Faculty/Staff Office Files

Faculty/Staff Office Files

___ Course Summary
___ Excel Spreadsheet
___ Access Database
___ Other - Please describe: _____

Student Learning Outcome 1: Graduates apply critical thinking in academic and professional environments.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>AAI. 3.5 mean score (5 point scale) on indicators of Final Field Experience Evaluation III (FFEE) that measure this outcome, for all candidates completing this program.</p> <p>INDICATORS - III.A.2. Sequences lesson to promote learning, III.B.3. Relates relevant examples, unexpected situations, or current events to the content, III.C.3. Stimulates and encourages higher order thinking at the appropriate developmental levels. IV.A.6. Uses creative and critical thinking skills.</p> <p>II. Praxis II – 100% passing rate on the Praxis II, Content Knowledge (test # 0061), for all candidates completing this program. Seventy-five percent of graduates pass the Praxis II, Content Knowledge (test #0061), on the first try.</p> <p>III. Principles of Learning and Teaching - 100% passing rate on the PLT for all candidates completing this program. Seventy-five percent of graduates pass the PLT on the first try.</p> <p>IV. Course Embedded Assessment Agricultural students will have a basic understanding of agriculture in the concentration area they have chosen. Students will be able to adequately perform at an entry level basis in industry or graduate school. Departmental capstone tests will be administered to test proficiency of students in various concentrations. 100% of the students completing the capstone examination will be proficient in their respective concentration area 'C' or better.</p>	<p>I. Agriculture Ed did not have any graduates in 2006-2007. Thus no data is available for this assessment,</p> <p>II. Agriculture Ed. did not have any graduates in 2006-2007. Thus no data is available for this assessment.</p> <p>III. Agriculture Ed. did not have any graduates in 2006-2007. Thus no data is available for this assessment.</p> <p>At this time the data has not been collected to assess</p>	<p>I. Content related indicators will be added to FFEEIII for Fall 2007. FFEEII will be implemented in Fall 2007 to facilitate pretest/posttest effect, comparing graduates at end of program to candidates in lower level courses. Data will be available in Spring 2008.</p> <p>II. Subscores indicating performance in specific areas for Praxis II exam will be requested for all content areas. This detailed information will reveal strengths and weaknesses and will be useful in redesigning Praxis II study sessions and workshops.</p> <p>III. Subscores indicating performance in specific areas for PLT exam will be requested for all content areas.</p>

<p>Overall grade point average and degree concentration grade point average must be 2.5 or better at least 60% of the students will achieve this goal.</p> <p>•Students are expected to participate in the agricultural student internships or a related event that includes further education in their field of study. At least 50% of the agriculture students will participate in an internship prior to graduation.</p> <p>Job placement rate; 60% of degree completers will be gainfully employed in an agricultural related industry within one year.</p> <p>Grade point average of degree completers is a 2.5 or better. Core course grade point average 2.5 or better.</p> <p>75% of the faculty and students will attend workshop and meetings to enhance methodology and knowledge of agricultural education</p> <p>V. 95% mean ratio on indicators of LATAAP that measure this outcome. INDICATORS - III.A.2. Sequences lesson to promote learning, III.B.3. Relates relevant examples, unexpected situations, or current events to the content, III.C.3. Stimulates and encourages higher order thinking at the appropriate developmental levels. IV.B.1. Identifies areas of instruction that need strengthening and develops with mentor and/or principal a plan for improvement and works to complete the plan</p> <p>VI. The following indicators on the Graduate Satisfaction Survey (STPAS) measure this outcome: INDICATORS - Instruction – 5. Consistently stimulate and encourage higher order thinking at the appropriate developmental levels. 8. Change or adjust a lesson to respond to my students’ outcomes. 19. Relate examples, real-life situations, or current events to the content being taught. Management – 26. Create a routine and manage transitions in a way that maximizes the time available for learning.</p>	<p>V. Current data do not include graduates from the new Secondary Education Programs and therefore are not applicable</p> <p>VI. Data were not collected for current academic year due to residual effects of Hurricane Rita.</p>	<p>V. LATAAP data will be noted when they include graduates from this program. It should be noted that the usefulness of these data would be increased if they could be broken down by individual programs.</p> <p>VI. A target mean score will be established upon collection of new data.</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>VII. The indicators listed below from the Senior Exit Survey (SES) measure this outcome. Target mean scores for all candidates completing this program are 3.55 (on the 4 point scale used in Fall 2006) and 4.25 (on the 5 point scale used in Spring 2007). INDICATORS - Planning – Understanding developmental characteristics of students as guide for planning. Instruction – Stimulate higher-order thinking.</p>	<p>VII. There were no Agriculture graduates in 2006-2007. Thus there is no data for this assessment.</p>	<p>VII. The Likert scale used for this assessment was modified from a 4 point to a 5 point scale in Spring 2007 in order to ensure consistency across assessment instruments</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



Student Learning Outcome 2: Graduates formulate and express ideas effectively through oral, written, and/or technological communications in academic and professional environments.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>I. 3.5 mean score (5 point scale) on indicators of Final Field Experience Evaluation III (FFEE) that measure this outcome, for all candidates completing this program. INDICATORS - III.A.5. Integrates technology into instruction, III.C.2. Communicate effectively with students, IV.B.1. Uses effective and correct oral and written English.</p> <p>II. Principles of Learning and Teaching - 100% passing rate on the PLT for all candidates completing this program. Seventy-five percent of graduates pass the PLT on the first try</p> <p>III. Course Embedded Assessment Students are required to complete a capstone experience that includes written and oral components. Students are expected to have a basic understanding of technology in each of their respective concentrations. Several core courses require oral and written presentations.</p> <p>AGEC 201 Agricultural Economics - This is a freshman and sophomore level course that requires students to compose a term paper for a portion (up to 30%) of the final grade. Students must perform at the 'C' level or higher to be proficient in the course. 90% of the students completing the course will be at the 'C' level or higher.</p> <p>AGRI 111 Introduction to Agriculture- this is a freshman level course introducing students to career opportunities. Students will be introduced to reading, writing, and oral communication in agriculture. They will also be introduced to the research and job review process. Student will take a pre-test on career opportunities and job skills. Expected outcome less than 50 % make a passing</p>	<p>I. There were no Agriculture graduates in 2006-2007. Thus there is no data for this assessment.</p> <p>II. There were no Agriculture graduates in 2006-2007. Thus there is no data for this assessment.</p> <p>III. At this time the data has not been assessed. Sample data will be collected from each of these courses. Data will include but is not limited to the following:</p> <p>AGEC 201- Performance on research project/paper. This paper will include library and web-based research. The paper will have a literature review, introduction, body, conclusion, and abstract.</p> <p>AGRI 441 - Evaluation on presentation and content of research. Evaluation consist of a peer review process and faculty evaluation of each student and their work. These reviews are done on an anonymous grading matrix. Review of literature and an abstract must be completed. Scores and samples will be collected</p>	<p>I. FFEEII will be implemented in Fall 2007 to facilitate pretest/posttest effect, comparing graduates at end of program to candidates in lower level courses. Data will be available in Spring 2008.</p> <p>II. Subscores indicating performance in specific areas for PLT exam will be requested for all content areas. In particular, the PLT subscore for the communication component will be valuable in assessing this outcome.</p> <p>III. Initiate the collection of materials for each of these assesments.</p>

<p>score of 'C' or better. Post test will be administer testing the same objectives expected 90% of students will make a passing grade of 'C' or better.</p> <p>AGRI 441 Seminar - This the capstone course for all agriculture students. Written and oral presentations are required. Students are required to research a relevant topic, write an abstract and present the abstract at the conclusion of the course. Students will perform at the 'C' level or higher to be proficient in the course. An initial mini seminar will be required that will allow the student to present a topic in front of peers and faculty. It is expected that 25% of these students will perform at the 'C' level or higher according to the selected matrix. At the conclusion of the course 100% of the students will perform at the 'C' level or higher for their final presentation.</p> <p>ANSC 301 Applied Animal Nutrition -This course requires students to be familiar with nutritional concepts and basic feed formulation. Critical thinking and mathematical skills are involved in all of these concepts. Students will be required to take a pre-test on basic nutritional concepts 25% of the studetns are expected to be at the'C' level or higher. At the conclusion of the course the students will be tested on the same concepts and 90% of the students will perofrm at the 'C' level or higher.</p> <p>In addition to these required courses students are encouraged to participate in undergraduate research and presentations.</p> <p>IV. 95% mean ratio on indicators of LATAAP that measure this outcome. INDICATORS - III.A.5. Integrates technology into instruction, III.C.2. Communicate effectively with students, V.B.1. Provides clear and timely information to parents/caregivers and colleagues regarding classroom expectations, student progress, and ways they can assist learning.</p> <p>V. The following indicators on the Graduate Satisfaction Survey (STPAS) measure this outcome: INDICATORS - Instruction 13. Integrate technology into my lessons. 21. Communicate effectively with students. Management 28.</p>	<p>ANSC 301- Problem sets, problem-based learning, and written assignments will be reviewed for competencies. Pre and post test scores will be maintained for reviewed.</p> <p>IV. Current data do not include graduates from the new Secondary Education Programs and therefore are not applicable.</p> <p>V. Data were not collected for current academic year due to residual effects of Hurricane Rita.</p>	<p>IV. LATAAP data will be noted when they include graduates from this program. It should be noted that the usefulness of these data would be increased if they could be broken down by individual programs.</p> <p>V. A target mean score will be established upon collection of new data.</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>Clearly communicate my expectations for appropriate behavior to my students. 32. Provide clear and timely information to parents/caregivers regarding classroom expectations, student progress, and ways they can assist learning.</p> <p>VI. The indicators listed below from the Senior Exit Survey (SES) measure this outcome. Target mean scores for all candidates completing this program are 3.55 (on the 4 point scale used in Fall 2006) and 4.25 (on the 5 point scale used in Spring 2007). INDICATORS - Instruction – Understand and convey knowledge of subject matter. Instruction – Use technology to enhance learning.</p>	<p>VI. There were no Agriculture Ed graduates for 2006-2007. Thus there is no data for this assessment.</p>	<p>VI. The Likert scale used for this assessment was modified from a 4 point to a 5 point scale in Spring 2007 in order to ensure consistency across assessment instruments</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



Student Learning Outcome 3: Graduates analyze the global community to make sound judgments in academic and professional environments.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>I. 3.5 mean score (5 point scale) on indicators of Final Field Experience Evaluation III (FFEE) that measure this outcome, for all candidates completing this program. INDICATORS - I.A.3. Identifies and plans for individual differences, III.C.1. Accommodates individual differences, IV.B.4. Conveys sensitivity to community and cultural norms.</p> <p>II. Principles of Learning and Teaching - 100% passing rate on the PLT for all candidates completing this program. Seventy-five percent of graduates pass the PLT on the first try.</p> <p>III. Course Embedded Assessment Students are required to seek internships in their field of study during the summer months to enhance their learning experience. A survey will be sent to each intern employer to determine satisfaction and needs. Employer satisfaction will be 85%.</p> <p>Students are encouraged to work with faculty mentors on undergraduate research projects and presentations. Five students each year will present abstracts at scientific meetings.</p> <p>Students graduating in Agricultural sciences are surveyed on subsequent employment in agricultural related fields or enrollment in post graduate or professional programs. Seventy-five percent of the students each semester will be employed in agriculture related jobs.</p> <p>The McNeese State University Agricultural Department will host no less than seven career development events</p>	<p>I. There were no Agriculture graduates in 2006-2007. Thus there is no data for this assessment.</p> <p>II. There were no Agriculture graduates in 2006-2007. Thus there is no data for this assessment.</p> <p>At this time the data has not been assessed.</p> <p>An exit interview is conducted with each graduate. Students are surveyed on their employment or post graduate education choices.</p> <p>Students that participate in research and scientific meetings will be interviewed about their experiences. Abstracts will be collected and evaluated by agricultural department faculty.</p> <p>At this time the data has not been assessed.</p> <p>An exit interview is conducted with each graduate. Students are surveyed on their employment or post graduate education choices.</p> <p>Students that participate in research and scientific</p>	<p>I. FFEEII will be implemented in Fall 2007 to facilitate pretest/posttest effect, comparing graduates at end of program to candidates in lower level courses. Data will be available in Spring 2008.</p> <p>II. Subscores indicating performance in specific areas for PLT exam will be requested for all content areas. In particular, the PLT subscore for components related to diversity will be valuable in assessing this outcome</p> <p>Initiate the collection of materials for each of these assessments.</p> <p>Continue to perform exit interviews and surveys.</p> <p>Send a 6-month questionnaire to the graduates to get an update on their post graduation status.</p> <p>Collect information from employers on intern capabilities and satisfaction of intern.</p>

<p>(CDE's) for local and out of state FFA students and instructors.</p> <p>The McNeese State University Agricultural Department will host no less than seven supervised agricultural experience (SAE's) for local and out of state FFA students and instructors.</p> <p>Five field days, clinic or seminars will be conducted by the departmental faculty throughout the year.</p> <p>Expected Level of Achievement</p> <p>IV. 95% mean ratio on indicators of LATAAP that measure this outcome. INDICATORS - I.A.3. Identifies and plans for individual differences, III.C.1. Accommodates individual differences, V.B.3. Seeks community involvement in instructional program.</p> <p>V. The following indicators on the Graduate Satisfaction Survey (STPAS) measure this outcome: INDICATORS - Planning 3. Successfully identify individual student differences in the context of a whole class. 4. Implement accommodations for individual student differences. Instruction 11. Successfully plan for individual student differences in the context of the whole class.</p> <p>VI. The indicators listed below from the Senior Exit Survey (SES) measure this outcome. Target mean scores for all candidates completing this program are 3.55 (on the 4 point scale used in Fall 2006) and 4.25 (on the 5 point scale used in Spring 2007). INDICATORS – Planning- Plan for individual differences, including cultural diversity and children with exceptionalities. Instruction – Employ a variety of teaching strategies.</p>	<p>meetings will be interviewed about their experiences. Abstracts will be collected and evaluated by agricultural department faculty.</p> <p>IV. Current data do not include graduates from the new Secondary Education Programs and therefore are not applicable.</p> <p>V. Data were not collected for current academic year due to residual effects of Hurricane Rita.</p> <p>VI. There were no Agriculture graduates in 2006-2007. Thus there is no data for this assessment.</p>	<p>IV. LATAAP data will be noted when they include graduates from this program. It should be noted that the usefulness of these data would be increased if they could be broken down by individual programs.</p> <p>V. A target mean score will be established upon collection of new data.</p> <p>VI. The Likert scale used for this assessment was modified from a 4 point to a 5 point scale in Spring 2007 in order to ensure consistency across assessment instruments.</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------