MISSION STATEMENT

Oklahoma State University is a modern comprehensive land-grant university that serves the state, national, and international communities by providing its students with exceptional academic experiences, by conducting scholarly research and other creative activities that advance fundamental knowledge, and by disseminating knowledge to the people of Oklahoma and throughout the world. Since its creation in 1890, Oklahoma State University has met its land-grant mission while evolving into a comprehensive research university with statewide, national, and international responsibilities.

Through the Graduate College, Oklahoma State University offers 115 options at the master’s level. The four masters’ degree options in the Department of Agricultural Education, Communications, and Leadership are among them. People of all ages and circumstances attend graduate school to gain opportunities for career advancement, to change careers, to improve the way they do their current jobs, or sometimes just to improve themselves. While often expanding on a student’s undergraduate education, a graduate education can be tailored more directly to individual goals. Many students even get a graduate degree in disciplines unrelated to their undergraduate program.

Typically, in graduate school, there are no liberal arts course requirements. Students explore in-depth the theories and ideas of the major writers in a discipline. To complete the degree, they have to take courses, critically analyze research performed in a discipline, and perform their own research in the library, in a laboratory, or in the field. Students are often asked to understand and apply their knowledge to real-world situations.

The masters’ programs in the Department of Agricultural Education, Communications, and Leadership are designed to prepare leaders in agricultural education, communications, and related fields. The faculty, staff, and students aspire to make the department the preeminent agricultural education, communications and leadership program in the nation.

Department of Agricultural Education, Communications & Leadership
Graduate Coordinator
448 Agricultural Hall
Stillwater, OK 74078
(405) 744-8036 (405) 744-5176
http://aged.okstate.edu

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MASTER OF SCIENCE DEGREE PROGRAMS

Master of Science Admission Criteria

Applications are reviewed by the agricultural communications and agricultural education work groups on a continuing basis. Admission to the Master of Science degree programs in Agricultural Communications or Agricultural Education requires the following:

1. A bachelor’s degree in an appropriate field from an accredited university;
2. An acceptable GPA in undergraduate studies (a minimum of 2.80 or 3.0 in the last 30 hours for admission without qualification);
3. Recommendations from three people knowledgeable of the applicant’s professional qualifications;
4. A statement of purpose for pursuing the master’s degree; and
5. Acceptable scores on the Graduate Record Examination (School Code–6456, Dept. Code–3908). GRE scores are considered as a part of the applicant’s overall credentials.

Master of Science in Agricultural Education

Oklahoma State University’s graduate program in agricultural education is designed to prepare students for entry into or advancement in formal and nonformal teaching careers. This program also provides development of professional leadership skills for other careers in agribusiness, government service, extension, or adult education. This graduate program is among the most respected in the nation, with internationally recognized faculty and state-of-the-art laboratories.

The master’s degree program in agricultural education, with its multiple options, provides a flexible program, which can be tailored to meet each student’s unique situation. In addition to the wide variety of professional courses in agricultural education, offerings are also available from all academic departments in the Division, including agricultural economics, biosystems and agricultural engineering, plant and soil science, animal science, biochemistry, entomology and plant pathology. Specialization areas such as educational administration, supervision, counseling, community education, occupational education, adult education, and career education are also available through cooperation with the College of Education.

Master of Science in Agricultural Communications

Oklahoma State University’s graduate program in agricultural communications is designed to prepare students for entry into or advancement in a variety of mass media and public relations positions. This program also provides development of professional communications skills for related careers in agribusiness, government service, and extension. The master’s degree program in agricultural communications provides a flexible program, which can be tailored to meet each student’s unique situation. Specialization areas such as marketing, mass media, and public relations are also available through cooperation with the School of Journalism and Broadcasting.

Master of Science Degree Options

The Master of Science in agricultural education or agricultural communications is designed primarily for students interested in research. The programs develop the students’ theoretical and research foundation for further graduate studies in addition to further knowledge and skills in agriculture and education or communications. Two options are available in the Master of Science degree programs.

Thesis Option—This program requires 30 approved credit hours of coursework including a six-credit-hour formal thesis. The thesis is a report of scholarly research conducted by the student. The scope of the study will normally be of state or national interest, and the thesis will include an in-depth analysis of the findings.

Formal Report Option—The program requires 32 approved credit hours of coursework including a two-credit-hour formal report. Although the formal report is the result of original research, the literature review or statistical analysis may lack the depth required of a thesis.

Creative Component Option—The program requires 32 approved credit hours of coursework including a two-credit-hour creative component. The creative component will normally be completed as a special project in AGED 5102. The student’s committee will determine details of the creative component.
The summary of credit-hours requirements outlines the requirements for the plan of study. Both the thesis and the formal report must follow the Graduate College format outlined in the Oklahoma State University Thesis & Dissertation Handbook (which is available on the Graduate College home page at www.gradcollege.okstate.edu).

Table 1.
Summary of credit-hour requirements for Master of Science plans of study.

<table>
<thead>
<tr>
<th>Master of Science in Agricultural Education</th>
<th>Thesis</th>
<th>Formal Report</th>
<th>Creative Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research or Creative Component (AGED 5000 or 5102)</td>
<td>6</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Research Methods (AGED 5983)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistics (REMS 5953 or equivalent)</td>
<td>3</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>Agricultural Education (two of the following: AGED 5813, 5823, 5863, 6103, 6223 or AGLE 5303)</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Graduate Orientation (AGED 5101)</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>* Electives</td>
<td>11</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td>** Total</td>
<td>30</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Master of Science in Agricultural Communications</th>
<th>Thesis</th>
<th>Formal Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research &amp; Seminar (AGCM 5000)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Research Methods (AGED 5983)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Statistics (REMS 5953 or equivalent)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AGCM 5103, AGCM 5203 &amp; AGED 5863 or AGED 6223</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Graduate Orientation (AGCM 5101)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>* Electives</td>
<td>8</td>
<td>14</td>
</tr>
<tr>
<td>** Total</td>
<td>30</td>
<td>32</td>
</tr>
</tbody>
</table>

* With committee approval, electives may be chosen from technical agriculture, journalism, education, other areas, or a combination of areas which most effectively achieve the student’s educational goals.

** Totals must include a minimum of 21 hours of 5000 or higher credit and a maximum of 9 transfer credit hours.

Summary of Procedures for the Master of Science Degree

Throughout these procedures, “thesis” refers to a formal report or thesis unless otherwise noted. However, formal reports are no longer submitted to the Graduate College and remain within the Department. Again, refer to the University Catalog, the Graduate College home page, and the official thesis and dissertation handbook for additional information.

1. Apply to the Graduate College at www.gradcollege.okstate.edu, pay $40.00 application fee ($75.00 for international students), and provide copies of all college or university transcripts.
2. Submit statement of purpose, letters of recommendation, and GRE scores to the Graduate Coordinator, Ag. Ed., Comm., & Ldrshp, 448 Ag. Hall, Stillwater, OK 74078.
3. After the application is reviewed by the program workgroup, the student will receive notification of admission from the Graduate College.
4. Consult a requested or assigned temporary advisor regarding enrollment for your first semester.
5. Select a graduate committee of three graduate faculty (consisting of at least two members of the Agricultural Education, Communications, and Leadership graduate faculty, one of whom will serve as committee chair), and develop a plan of study.
6. Submit plan of study to the Graduate College at its on-line website (gradcollege.okstate.edu) prior to completing the 17th credit hour of enrollment (which should include two of the five core courses in agricultural education and leadership).
7. Work with your advisor to select a thesis or formal report topic.
8. All students must indicate on their plans of study whether or not their research will involve human subjects. **If human subjects are to be used, approval must be received from the**
Office of Research Compliance prior to the beginning of the research. (See Office of Research Compliance information in Graduate Rules and Regulations, page 7.)

9. All students must be enrolled in at least 2 credit hours during the semester in which they graduate. (A waiver of this enrollment may be granted if the student completes all requirements for the degree before class work ends during the preceding semester.)

10. Students must file a Graduation Clearance for Graduate Students form (gradcollege.okstate.edu), a revised plan of study (if needed), and a diploma application the middle of the semester they plan to graduate.

11. Students must attend a format review seminar offered by the Graduate College to assist them in the preparation of their format review draft copy of their theses.

12. A format review draft of the thesis (paper copy) must be submitted to the Graduate College by the stated deadline (See submission dates on the Graduate College website, gradcollege.okstate.edu.), signed by the student’s advisor and containing all required parts of the final copy. The draft should be placed unbound in an envelope with the author’s name and student ID on the top edge of the envelope.

13. When the thesis draft is submitted, the candidate is offered a thesis defense form. The thesis defense form must be returned to the Graduate College as soon as possible after the defense. The candidate then receives access to the on-line thesis submission website. The defense must be successfully completed before the final copy of the thesis may be submitted.

14. Approximately one week after the final (electronic) copy is submitted, the candidate will be notified by e-mail of any additional corrections which must be submitted before a student may be cleared for graduation.

MASTER OF AGRICULTURE DEGREE PROGRAMS

Master of Agriculture in Agricultural Leadership Admission Criteria

Applications are reviewed by the Agricultural Leadership work group on a continuing basis.

Admission requirements for the Master of Agriculture degree in Agriculture with options in Agricultural Leadership are similar to those for the Master of Science degree programs. However, no standardized test scores are required. Admission to the Master of Agriculture degree program requires the following:

1. A bachelor’s degree in an appropriate field from an accredited university;
2. An acceptable GPA in undergraduate studies (a minimum of 2.80 or 3.0 in the last 30 hours for admission without qualification);
3. Recommendations from three people knowledgeable of the applicant’s professional qualifications;
4. A statement of purpose for pursuing the Master of Agriculture in Agricultural Leadership degree.

The Master of Agriculture degree program in Agriculture with an option in Agricultural Leadership is designed to further develop the knowledge and skills of students preparing for entry or advancement in extension, administration, and other professional careers in agriculture. Most students in these programs do not wish to conduct an original research study or continue beyond a master’s degree. A total of 32 approved semester credit hours of coursework is required.

Table 2. Summary of credit-hour requirements for the Master of Agriculture degree program.

<table>
<thead>
<tr>
<th>Option in Agricultural Leadership</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGED 5101</td>
<td>1</td>
</tr>
<tr>
<td>Leadership (AGLE 5303, AGLE 5353, and AGLE 6203 or AGED 5863)</td>
<td>9</td>
</tr>
<tr>
<td>AGED, AGLE or AGCM electives (any two courses)</td>
<td>6</td>
</tr>
<tr>
<td>* Electives / Area of emphasis</td>
<td>16</td>
</tr>
<tr>
<td>**Total</td>
<td>32</td>
</tr>
</tbody>
</table>

* Area of emphasis to be developed with student’s committee.

** Totals must include a minimum of 21 hours of 5000 or higher credit and a maximum of 9 transfer credit hours.
TEACHER CERTIFICATION IN AGRICULTURAL EDUCATION

The master’s degree programs in Agricultural Education offer students the opportunity to acquire a teaching certificate in agricultural education. This option is designed to meet the needs of those individuals with a B.S. degree in some field of agriculture who desire to teach it at the secondary level and earn a master’s degree. The program includes courses and educational experiences that enhance the candidate’s skills and knowledge in the processes of teaching and learning. The program is viewed as a practitioner’s program, oriented strongly toward improving the candidate’s professional proficiency.

Each student’s record will be reviewed to determine if they meet standards for general education requirements for teacher education and for agriculture content requirements. Students may be required to take undergraduate courses to correct deficiencies. Specific requirements are summarized below.

Foreign Language Competency – This competency may be met in one of two ways: 1. The student has completed two years of a high school foreign language with grades of A or B. 2. The student completes a five-credit-hour college foreign language course.

Grade-Point Average – The student’s minimum cumulative GPA (undergraduate/graduate) must be 2.50.

Standardized Tests

- Oklahoma General Education Test (OGET) is a general education test covering reading, writing, and mathematics.
- Oklahoma Subject Area Test (OSAT) is the subject matter test for the certification area, in this case, Agriculture. The test covers agricultural business, plant and soil science, animal science, agricultural mechanics, and leadership.
- Oklahoma Professional Teaching Exam (OPTE) is a test of a candidate’s knowledge of teaching and learning. Because the certification is for grades 6-12, middle school and secondary school students are addressed in this examination.

Agricultural Coursework – Introductory coursework is required in the following agricultural areas: animal science, agricultural economics, horticulture, mechanized agriculture, plant science, soil science, natural resources, leadership, international dimensions, food science, and agricultural communications.

Graduate Credit Twelve credit hours of the required coursework in professional education may be taken for graduate credit: AGED 3203 (Planning the Community Program in Agricultural Education); AGED 4103 (Methods of Teaching Agriculture); EPSY 5103 (Human Development); and SPED 5633 (Exceptional Child).
OSU Check Sheet for Teacher Certification and Recommendation for Agricultural Education (Grades 6-12)

(Successful Completion of these requirements DOES NOT result in completion of a degree)

<table>
<thead>
<tr>
<th>LAST</th>
<th>FIRST</th>
<th>MI</th>
<th>ID #</th>
</tr>
</thead>
</table>

Apply for Admission to Professional Education [http://tinyurl.com/osuprofedapp](http://tinyurl.com/osuprofedapp) (must apply first semester)

Requirements for Full Admission to and Retention in Professional Education (cannot be waived):

- Maintain a 2.50 Overall Cumulative Retention GPA (includes all undergraduate and graduate coursework for grad students)
- Pass the Oklahoma General Education Test (OGET) sign up at [http://www.ceoe.nesine.com](http://www.ceoe.nesine.com)
- "C" or better in a Foundations of Education Course AND a Field Experience (see Prof Ed Courses below for details)
- Begin Professional Portfolio with Submission 1 (in AGED 3101)

Purchase LiveText at OSU Bookstore or at [http://livetext.com](http://livetext.com) $115

- Demonstrate Competency in a foreign Language (2 years of high school in the same language with grades of “B” or better, or 5 college hours with a grade of “C” or better.)
- Pass Portfolio Submission 2 (completed in AGED 3203)
- Pass Portfolio Submission 3 (completed in AGED 4200)
- Pass the other Certification Exams for Oklahoma Educators (sign up at [http://www.ceoe.nesine.com](http://www.ceoe.nesine.com)):
  - OSAT Agriculture (Must pass prior to student teaching placement)  
  - OPTE
- Hold a bachelor’s degree from OSU in Agricultural Education teaching option (includes coursework listed below), OR approved double major, OR
- Hold a bachelor’s degree and complete the following coursework:

<table>
<thead>
<tr>
<th>Status</th>
<th>Professional Education Courses (32 hours needed: 2.50 GPA with no grade below “C”)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lab and Clinical Experiences: AGED 3101 ($17 OSBI name-based background check and must pass Portfolio Sub 1)</td>
</tr>
<tr>
<td></td>
<td>Foundations of Education: AGED 3103</td>
</tr>
<tr>
<td></td>
<td>Human Growth and Development: EPSY 3213, 3413 OR 5103†</td>
</tr>
<tr>
<td></td>
<td>Exceptional Child: SPED 3202 OR 5633†</td>
</tr>
<tr>
<td></td>
<td>Planning the Community Program in Ag Ed: AGED 3203† (must pass Portfolio Submission 2 in this course)</td>
</tr>
<tr>
<td></td>
<td>Teaching Methods: AGED 4103* †</td>
</tr>
</tbody>
</table>

Student Teaching Block (Full Admission, 60 hours field experience, and passing OSAT score required prior to placement):

- Laboratory Teaching Methods: AGED 4113* ($59 federal fingerprint background check)
- Student Teaching: AGED 4200* (9 hours) or AGED 5900*† (6 hours) (must pass Portfolio Submission 3 in student teaching course)

<table>
<thead>
<tr>
<th>Status</th>
<th>Specialization Courses (52 hours needed: 2.50 GPA with no grade below “C”)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ag Economics: AGEC 1113</td>
</tr>
<tr>
<td></td>
<td>Animal Science: ANSI 1124</td>
</tr>
<tr>
<td></td>
<td>Plant Science: PLNT 1213</td>
</tr>
<tr>
<td></td>
<td>Horticulture: HORT 1013</td>
</tr>
<tr>
<td></td>
<td>Soils Science: SOIL 2124</td>
</tr>
<tr>
<td></td>
<td>Agricultural Leadership: AGLE 2303, 2403, 3303 OR 5303†</td>
</tr>
<tr>
<td></td>
<td>Agricultural Communications: AGCM 3103 OR ENGL 3323</td>
</tr>
<tr>
<td></td>
<td>International Dimensions: AGED 4713 OR ANSI 3903</td>
</tr>
<tr>
<td></td>
<td>Mechanized Agriculture: 5 hours</td>
</tr>
<tr>
<td></td>
<td>Food Science: FDSC 1113 OR 2253</td>
</tr>
<tr>
<td></td>
<td>Environmental Science: NREM 2013 OR 3343</td>
</tr>
<tr>
<td></td>
<td>Enrichment: 15 hours (to be determined and listed by certificate advisor)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPECIALIZATION HOURS NEEDED</th>
<th>SPECIALIZATION GPA:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>STATUS</th>
<th>TOTAL HOURS NEEDED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GRAD RETENTION/CUMULATIVE GPA:</td>
</tr>
</tbody>
</table>

* Must be fully admitted to Professional Education prior to enrollment
† Approved for graduate credit
ALLGRADUATE ASSISTANTSHIPS

Departmental Employment Opportunities

Graduate assistantships have been established at Oklahoma State University to encourage scholarship and the promotion of research. After admission by the Graduate College, a student who is making satisfactory progress toward a graduate degree may be appointed to an assistantship. A limited number of research and teaching assistantships are available in the Department of Agricultural Education, Communications, and Leadership each year. Assistantships are usually one-quarter (.25 FTE) or one-half time (.50 FTE). According to University guidelines, all graduate assistants work 10 hours per week for a quarter-time appointment and 20 hours per week for a half-time appointment.
Graduate Research Assistantships—A graduate research assistant (RA) conducts research under the supervision of a faculty member in the department to develop not only technical and manipulative skills but also to foster originality, imagination, judgment, and patience—the traits of an independent scholar. Specific research responsibilities for an RA are determined by the supervising faculty member.

Graduate Teaching Assistantships—Graduate teaching assistants share the faculty’s responsibility for undergraduate teaching. Graduate teaching assistants are assigned to a specific course and faculty member in the department.

Student Organizations

Graduate students at OSU can participate in a number of student organizations. There are many undergraduate organizations with which graduate students can become involved. Those affiliated with the Department include Collegiate Farm Bureau, Collegiate FFA, ATA, Collegiate 4-H, and Agricultural Communicators of Tomorrow. Gamma Sigma Delta, the Honor Society of Agriculture, and Phi Delta Kappa, an honorary educational society, also meet monthly at OSU.

The Oklahoma State University Graduate Student Association is composed of representatives from every graduate degree-granting department. It operates independently of the undergraduate Student Government Association and is the voice of graduate students on all issues. Its goal is to improve all aspects of graduate education. Most work is completed through a committee structure and non-representatives are encouraged to become involved. The Association sponsors travel to professional meetings, professional development seminars, and external speakers for graduate students.

The Agricultural Education, Communications, and Leadership Department also has its own Graduate Student Association. The group holds monthly business meetings, discussing upcoming events and OSU Graduate Student Association updates as well as sponsoring various social and educational events throughout the year.

Course Options

Agricultural Education, Communications & Leadership Options

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGCM 5100</td>
<td>Issues in Agricultural Communications.</td>
<td>Prerequisite: graduate standing. Discussion of issues, problems and trends in agricultural communications (1-3 hrs., max. 6)</td>
</tr>
<tr>
<td>AGCM 5101</td>
<td>Orientation to Graduate Programs in Agricultural Education, Communications &amp; Leadership.</td>
<td>Prerequisite: graduate standing. Orientation to graduate programs in agricultural education and communication including degree expectation, understanding scholarship, orientation to the discipline, introduction to research agendas, and identification of support systems. (Same course as AGED 5101)</td>
</tr>
<tr>
<td>AGCM 5103</td>
<td>History &amp; Philosophical Foundations of Agricultural Communications.</td>
<td>Prerequisite: graduate standing. Discussion of the history, philosophical foundations and current issues regarding agricultural communications and the land-grant system.</td>
</tr>
<tr>
<td>AGCM 5203</td>
<td>Theory &amp; Practice in Agricultural Communications.</td>
<td>Prerequisite: graduate standing. The study of major communication theories and theorists in the context of agricultural communications.</td>
</tr>
<tr>
<td>AGCM 5303</td>
<td>Communicating Ethical Issues in Agriculture.</td>
<td>Prerequisite: graduate standing. An introduction to communicating ethical theories in the context of agriculture. Ethical theory and current research are used to critique contemporary issues in agriculture.</td>
</tr>
<tr>
<td>AGCM 5990</td>
<td>Studies in Agricultural Communications.</td>
<td>Prerequisite: Consent of supervising professor. Individual and small group study or research in agricultural communications topics and issues.</td>
</tr>
<tr>
<td>AGED 5101</td>
<td>Orientation to Graduate Programs in Agricultural Education, Communications &amp; Leadership.</td>
<td>Prerequisite: graduate standing. Orientation to graduate programs in agricultural education and communication including degree expectation, understanding scholarship, orientation to the discipline, introduction to research agendas, and identification of support systems. (Same course as AGCM 5101)</td>
</tr>
<tr>
<td>AGED 5102</td>
<td>Creative Component in Agricultural Education.</td>
<td>Prerequisites: 5983 or equivalent; consent of instructor. Independent research or project management under the direction</td>
</tr>
</tbody>
</table>
and supervision of a major advisor.

**AGED 5123  Adult Programs in Agriculture & Extension Education.** Determining adult needs, priorities, participation in educational activities, and adoption of new ideas and practices. Designing, organizing, conducting, and evaluating adult education programs in agricultural and extension education.

**AGED 5203  Grant Seeking.** Prerequisites: Graduate standing or consent of instructor. External funding proposal development for foundation and government agencies. Conceptualizing projects, identifying funding sources, and developing proposals that follow RFP guidelines, including a literature review, need for the project, approach, timeline and budget.

**AGED 5500  Directing Programs of Supervised Experience.** Prerequisite: consent of instructor. Determining the supervised training needs and opportunities of individual students. Planning for supervision of agricultural education training programs and 4-H club projects. Analysis of training opportunities in production agriculture, agricultural businesses, and individual career development. (1-3 hrs., max. 6)

**AGED 5623  Volunteer Management in Agricultural and Extension Education.** Concepts, theories and practices relevant to the management of volunteers with an emphasis on recruiting, managing, and training in formal or non-formal educational settings.

**AGED 5703  Cultural Competency for Working in Agricultural and Extension Education.** The focus of this class is to discuss the basic concepts of cultural values and stereotypes, intercultural sensitivity and competence, cultural intelligence, cultural differences, managing cultural transitions, and intercultural theories.

**AGED 5813  College Teaching of Agriculture and Natural Resources.** Facets of the teaching-learning process used to teach agriculture and natural resources in higher education including teaching methods, instructional skills, application of instructional technology, student motivation, and evaluation of learning.

**AGED 5823  Advanced Methods of Teaching Agriculture.** Advanced concepts and methods relevant for both formal and informal presentations. Effects methods may have on individuals involved in the learning experience. Demonstrations of proficiency in use of various advanced methodologies, technologies and concepts.

**AGED 5863  Methods of Technological Change.** Processes by which professional change agents influence the introduction, adoption, and diffusion of technological change. Applicable to persons who work closely with people in formal and non-formal educational settings.

**AGED 5990  Problems in Agricultural & Extension Education.** Securing and analyzing data related to special problems or investigation in designated areas of agricultural education. (1-3 credits, max. 8)

**AGED 6100  Graduate Seminar in Agricultural Education.** Discussion of issues, problems and trends in agricultural education. (1-3 hrs., max. 6)

**AGED 6103  History & Philosophical Foundations of Agricultural & Extension Education.** Prerequisite: graduate standing. History and philosophical foundations of agricultural and extension education. Philosophy and its role in life, rise of education in America, philosophical foundations of education in America, legislation having an impact on agricultural and extension education, education in agriculture and current issues in agricultural extension education.

**AGED 6223  Program Evaluation in Agriculture & Extension.** Prerequisite: graduate standing. Program evaluation theory and methodology (quantitative and qualitative) presented through a service learning framework. Problem-based approach having students submit a proposal that addresses an evaluation need presented by a community-based program.

**AGLE 5303  Foundations of Leadership Theory.** Study of leadership theory including definitions of leadership, a history of modern leadership theory, and current trends in leadership practice and research. Models of leadership including contingency models, situational leadership, and transformational leadership.

**AGLE 5353  Leadership in Agriculture.** Prerequisite: AGLE 5303 or consent of instructor.
Concepts, principles and philosophies of leadership applied to agricultural contexts. Importance of traits, perceptions and behaviors to success of agricultural professionals in leadership roles. Dimensions and style of leadership for varying situations.

**AGLE 6203 Extension Program Development.** A systematic study of the history, culture and functions of the Cooperative Extension System in America. Focus on program planning, including needs assessments, involvement of local constituent groups, use of the logic model, teaching methods, program evaluations, marketing and planning for the future.

**Statistics and Research Options**

**AGCM 5000 Research & Thesis.** Prerequisite: graduate standing. Independent research under the direction and supervision of a major professor. *(1-6 hrs., max. 6)*

**AGED 5000 Research & Seminar.** Independent research and thesis under the direction and supervision of a major professor. *(1-6 hrs., max. 6)*

**AGED 5983 Quantitative Research Methods in Agricultural Education.** Prerequisite: graduate standing. A comprehensive examination of quantitative research methods including identifying a problem, data collection, statistical analysis, ensuring validity and reliability, and reporting.

**AGED 5993 Data Analysis & Interpretation in Agricultural Education.** Prerequisites: graduate standing; 5983 or equivalent; REMS 5953 or equivalent. A course designed for Agricultural Education students, who have gathered or are gathering data for a research study, to analyze and interpret that data. Both quantitative and qualitative data analysis techniques will be studied. The discovery method will allow the students and instructor to work together to identify resources to analyze and interpret the data sets.

**AGED 6983 Qualitative Research Methods in Agricultural Education.** Prerequisites: graduate standing and AGED 5983 or other graduate level social science research methods course. A comprehensive examination of qualitative research methods including identifying a problem, data collection, interpretative analysis, ensuring trustworthiness, theory construction and reporting.

**REMS 5953 Elementary Statistical Methods in Education.** Elementary statistical methods needed by consumers of educational research. Descriptive and inferential statistics.

*(All courses are 3 credit hours unless otherwise noted.)*

### Graduate Student Timeline and Planning Schedule

By following these steps, students will be able to complete their thesis on time, and they will allow enough time to receive the full benefit of the advice of their committee and major advisor. Most of the dates referred to here are announced in advance by the Graduate College and are strictly enforced.

1. Submit preliminary draft to major advisor two weeks before final draft due date (one week during the summer session).
2. Submit final draft to advisor by final draft due date and give copies to all committee members.
3. After the final draft is submitted, the major advisor will schedule a seminar and defense date.
4. The seminar and defense should be held at least two weeks before the final electronic copy is due (one week during the summer session).
5. Submit final electronic copy of the thesis by the due date.
Agricultural Education, Communications & Leadership Faculty

**Robert Terry, Jr.**, Department Head and Roger Howell Professor of Agricultural Education (Ph.D., Texas A&M University). Research Interests: Teaching and learning in agriculture and natural resources including agricultural literacy, teacher development, content design and delivery.

**Marshall Baker** (Ph.D., Oklahoma State University). Research Interests: Teacher education strategies, experiential learning, school leadership, and at-risk education.

**Dwayne Cartmell** (Ph.D., University of Missouri). Research Interests: Media evaluation, urban/rural interface, and gatekeeping strategies.

**Craig Edwards**, Graduate Coordinator (Ph.D., Texas A&M University). Research Interests: Time and teacher behaviors in student learning, preparation and induction of beginning agriculture teachers, the student teacher-cooperating teacher relationship, in-service education for mid- and late-career agriculture teachers, agricultural education in post-communist countries.

**James Key** (Ed.D., North Carolina State University). Research Interests: Water quality, evaluation, and distance education.

**Jon Ramsey** (Ph.D., Oklahoma State University). Research Interests: Teacher induction, professional development of agricultural educators.

**Angel Riggs** (Ph.D., Oklahoma State University). Research Interests: Student usage and perception of media, developing students’ judgement, ethics, and news skills.

**Shane Robinson** (Ph.D., University of Missouri). Research Interests: Preparation of beginning agriculture teachers; recruitment and retention of secondary agriculture teachers; assessment of the employability skills and job satisfaction levels of college-wide graduates in agricultural sciences.

**Jeff Sallee** (Ph.D., Oklahoma State University). Research Interests: Enhancement of youth development through adult interactions; enhancement of youth development through community service activities requiring the application of science, technology, engineering, and mathematics.

**Quisto Settle** (Ph.D., University of Florida). Research Interests: Effective communication with the public and policymakers through organizational branding and by assessing public perceptions.

**Shelly Sitton** (Ph.D., Oklahoma State University). Research Interests: Agricultural communications, content analysis and curriculum evaluation.

**Penny Weeks** (Ph.D., Texas A&M University). Research Interests: Leadership education and studies.


05/25/2018
GRADUATION CLEARANCE for GRADUATE STUDENTS

STUDENT: Complete this form in consultation with your advisor. Use one form per degree program. Please be advised that to allow for any necessary schedule changes, this form should be completed by the end of the second week of the semester (first week in summer) in which you anticipate completing degree requirements. However, you are encouraged to complete this form as soon as practical (e.g., in the semester prior to graduation). See the web for all deadlines [http://gradcollege.okstate.edu/student/calendar2.htm].

Return the signed and completed form to: Oklahoma State University Graduate College
202 Whitehurst Hall • Stillwater • OK • 74078 • FAX: 405-744-0355

GRADUATE STUDENT INFORMATION

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<th>PRINT ADVISOR NAME</th>
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STUDENT: Obtain a copy of your Plan of Study (from your department) and your most recent unofficial OSU transcript. Using those two documents, place a checkmark in each box (as appropriate) indicating that you have met the listed requirement. You may wish to propose amendments to your POS to reflect courses actually taken. Once this form is complete please take it to your graduate advisor for approval. Submit the signed, completed form (this form ONLY—no transcripts required) to the Graduate College.

I will be enrolled in at least two hours my final semester, six hours in the last 12 months, and in enough hours to complete my POS.

I have checked my Plan of Study (POS) (see list to the right) and it meets departmental and Graduate College requirements.

I should complete all departmental requirements by the end of my graduation term.

My Creative Component, Formal Report, or thesis/dissertation should be submitted by all deadlines.

A revised POS (if needed) is attached to this form.

I have filed a diploma application with the Registrar.

Grades

I have checked my transcript and grades—all courses required for graduation should be completed by the time final grades are due (courses where I have ‘I’ or ‘R’ grades will be completed and grade changes requested).

Student Signature: __________________________ DATE: __________

ADVISOR, PLEASE COMPLETE THE FOLLOWING SECTIONS:

Required exams

Formal exams (e.g., comprehensive, qualifying) are not required for this degree plan. OR

Student will take all required exams (e.g., comprehensive, qualifying) by the Graduate College deadlines.

SPECIALIST AND DOCTORAL STUDENTS: Paperwork reporting successful completion of qualifying exam has been submitted to the Graduate College by the deadline. Student has been admitted to candidacy.

Thesis/dissertation [SEE DEADLINES ON THE WEB AT: HTTP://GRADCOLLEGE.OKSTATE.EDU/STUDENT/CALENDAR2.HTM]

The student is making progress and should meet Graduate College deadlines for draft copy of thesis/dissertation.

The student is making progress and should meet the Graduate College final defense deadlines.

The student’s defense date is/should be scheduled with enough time for the student to make corrections and meet Graduate College deadlines for final submission of thesis/dissertation (all corrections made).

Departmental action

I approve further action toward graduation clearance for this student.

Advisor/Committee Chair Signature: __________________________ DATE: __________

Graduate Coordinator or Department Head (optional): __________________________ DATE: __________