

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

College Administration

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 Kassie Jo Winn-Huizar, MS—Coordinator, Prospective Student Service
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The College of Agricultural Sciences and Natural Resources (CASNR) is the academic unit of the Division of Agricultural Sciences and Natural Resources, and offers outstanding undergraduate and graduate programs that are recognized at the state, regional, national and international levels. In collaboration with the Oklahoma Cooperative Extension Service (OCES) and the Oklahoma Agricultural Experiment Station (OAES), CASNR faculty provide great breadth and exceptional quality in teaching, advising, research, extension and service.

A CASNR education values hands-on instruction and the importance of a well-rounded student experience. The college's award-winning faculty members are dedicated to developing students and passionate about adding value to the total educational experience. CASNR's academic programs prepare students to analyze information, communicate effectively, think critically, solve problems, and assume leadership roles in their respective fields of study. Students also receive a solid general education in communications, humanities and social sciences. In agriculture or natural resources, the graduate will have an opportunity for a rewarding career that will last as long as food is consumed, fiber is grown, and soil, water and wildlife resources are valued.

CASNR students come from both traditional agricultural roots and urban settings. This diversity adds strength to the college experience for all CASNR students. Career opportunities in Agricultural Sciences and Natural Resources are also diverse. The college's majors include traditional agricultural and natural resource disciplines such as animal and food sciences, agricultural business, soil science, range science, horticulture, entomology and agricultural education, in addition to distinctive areas such as plant and animal biotechnology, food safety, natural resource management and agricultural communications. CASNR's programs also include many fields not commonly associated with agriculture such as landscape architecture, turf management, biochemistry and molecular biology, environmental science, leadership, pre-law and pre-medical sciences. Active international programs, including study abroad opportunities, are available to students in every CASNR major and add a unique dimension to the college experience.

Accreditation

Agricultural Sciences and Natural Resources include broad and diverse professions and do not have a single accrediting society as do some other professions. Programs in agricultural education, agricultural engineering, biochemistry and molecular biology, forest ecology and management, landscape architecture and landscape management are accredited by their professional organizations.

Academic Programs

Undergraduate Programs

The Bachelor of Science in Agricultural Sciences and Natural Resources degree is offered in the following major fields of study: agribusiness, agricultural communications, agricultural economics, agricultural education, agricultural leadership, animal science, biochemistry and molecular biology, entomology, environmental science, food science, horticulture, landscape management, natural resource ecology and management, and plant and soil sciences. The Bachelor of Landscape Architecture is also offered in the College of Agricultural Sciences and Natural Resources. The biosystems engineering degree program is jointly administered by the College of Agricultural Sciences and Natural Resources and the College of Engineering, Architecture and Technology (Bachelor of Science in Biosystems Engineering). In addition to undergraduate majors, most CASNR departments offer one or more minors. The requirements for the minors are available from the department offering the specified minor.

Graduate Programs

Graduate study is available in all CASNR academic departments and in the multidisciplinary international agriculture program. In addition to the Master of Agriculture and Master of Science degrees that may be obtained through several departments, the Doctor of Philosophy degree (PhD) may be earned in the following areas: agricultural economics, agricultural education, biosystems engineering, animal science, biochemistry and molecular biology, crop science, entomology, food science, plant pathology, soil science, natural resource ecology and management and in horticulture through interdisciplinary programs in crop science, environmental science and plant science.

High School Preparation and Admission Requirements

The high school preparation and admission requirements for the College are the same as the general University requirements. The undergraduate biosystems engineering degree includes additional enrollment requirements which are described in the College of Engineering, Architecture and Technology section of this catalog.

Transfer Students

Students who transfer from an accredited college or two-year college must meet the general University admission requirements. All transferred courses are recorded on the OSU transcript; however, a minimum of 60 credit hours must be earned at a senior college (baccalaureate degree-granting institution) to meet the College's degree requirements. Credits will be accepted by transfer from a community college to meet lower-division (i.e., 1000- and 2000-level courses) requirements only. Specific departmental requirements needed for graduation are determined by the department in which the student plans to earn his or her degree.

Scholarships

Students enrolled and entering the College of Agricultural Sciences and Natural Resources are annually awarded over 1.6 million dollars in scholarships by the College and its departments. The following areas are considered in the awarding of scholarships: scholastic standing in high school or college; leadership activities; financial need and sincere interest in the various CASNR disciplines.

Additional information may be obtained from the office of the associate dean, College of Agricultural Sciences and Natural Resources, Oklahoma State University, 136 Agricultural Hall, Stillwater, OK 74078 (casnr.okstate.edu (<http://casnr.okstate.edu>)).

Student Success Center

The College of Agricultural Sciences and Natural Resources Student Success Center (SSC) helps students with educational, career and personal goals. The SSC provides important services, programs and student support including Student Academic Mentors, Ambassadors, Career Liaisons, Freshmen in Transition, Career Services, Prospective Student Services, assistance with tutoring or other services, and liaison to the OSU Writing Center.

Academic Advising

All students in the College have the advantage of being advised by a faculty member working in the individual student's academic discipline. Academic advisers are readily available to students and work closely with the students throughout their academic careers.

Special Academic Programs

Honors Program

The Honors Program through the College of Agricultural Sciences and Natural Resources is designed to provide outstanding students with opportunities to pursue new challenges and academic excellence. Honors courses, seminars and special honors contracts provide for discussions and independent study by students who have the desire and ability to explore academic subjects beyond the normal classwork material. The OSU Honors College oversees the following Honors Award Recognitions:

1. General Honors.
2. College or Department Honors.
3. The Honor's College Degree.

Award descriptions and Honors College eligibility requirements can be found in the Honors College section of the catalog. Online information is available at <http://honors.okstate.edu>.

Pre-Veterinary Medicine Curriculum

Specific pre-veterinary science majors in agribusiness, animal science, biochemistry and molecular biology, entomology, and natural resources and ecology management as offered in the College of Agricultural Sciences and Natural Resources, include all courses required for admission to the Center for Veterinary Health Sciences.

Graduation Requirements

General University requirements for graduation are stated elsewhere in the Catalog. In addition, specific requirements must be met for the Bachelor of Science in Agricultural Sciences and Natural Resources and Bachelor of Landscape Architecture degrees. For the BS degree, the required total semester credit hours vary by department, major and

option. A minimum of 40 semester credit hours and 100 grade-points must be earned in courses numbered 3000 or above. The Bachelor of Landscape Architecture is a five-year program requiring 150 credit hours.

College and Departmental Organizations, Competitive Teams and Honor Societies

AECL Graduate Student Association
 Aggie-X Club
 Agricultural Communicators of Tomorrow
 Agricultural Economics Graduate Student Association
 Agricultural Economics Quiz Bowl Team
 Agronomy Club
 Alpha Epsilon
 Alpha Zeta (College Honor Society)
 American Fisheries Society
 American Society of Agricultural & Biological Engineers
 American Society of Landscape Architects
 Animal Science Academic Quadrathlon Team
 Animal Science Graduate Student Association
 Animal Science Leadership Alliance
 Biochemistry Club
 Biochemistry & Molecular Biology Graduate Student Association
 Block and Bridle Club
 CASNR Ambassadors
 CASNR Career Liaisons
 CASNR Student Council
 Collegiate 4-H
 Collegiate American Farmers and Ranchers
 Collegiate Farm Bureau
 Collegiate FFA/ATA
 Cowboy Motorsports
 Cowboy Waterworks
 Crops Judging Team
 Dairy Cattle Judging Team
 Dairy Science Club
 ENPP Graduate Student Association
 Environmental Science Club
 Equine Judging Team
 Food Science Club
 Freshmen in Transition
 Horseman's Association
 Horticulture Club
 Horticulture Club Judging Team
 Landscape Management Club
 Linnaean Games Team
 Livestock Judging Team
 Meat Animal Evaluation Team
 Meat Judging Team
 Meat Science Association Club
 Minorities in Agriculture, Natural Resources and Related Sciences
 NREM Graduate Student Association
 Oklahoma Collegiate Cattlemen
 Oklahoma Collegiate Cattlewomen
 OSU Student Chapter of the Society for Range Management/Range Club
 Pi Alpha Xi
 Plant ID Team
 Plant and Soil Sciences Graduate Student Organization
 Pre-Veterinary Science Club
 Rangeland Cup Team
 Rangeland Display Board Competition
 Rodeo Association

Sanborn Entomology Club
 Sigma Alpha
 Sigma Lambda Alpha (Landscape Architecture Honor Society)
 Society of American Foresters/Forestry Club
 Soil and Water Conservation Society
 Soil Judging Team
 StORM
 Student Organization for International Agriculture
 Swine Club
 The FARM Theory
 Turf Club
 Undergraduate Range Management Exam (URME)
 Weed Science Team
 Wildlife Society
 Xi Sigma Pi

Academic Areas

- Agricultural Communications (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-communications>)
- Agricultural Economics (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics>)
- Agricultural Education (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education>)
- Agricultural Leadership (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-leadership>)
- Animal and Food Sciences (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science>)
- Biochemistry and Molecular Biology (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/biochemistry-molecular-biology>)
- Biosystems and Agricultural Engineering (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/biosystems-agricultural-engineering>)
- Entomology and Plant Pathology (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology>)
- Environmental Sciences (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/environmental-sciences>)
- Horticulture and Landscape Architecture (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture>)
- International Agriculture (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/international-agriculture>)
- Natural Resource Ecology and Management (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management>)
- Plant and Soil Sciences (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences>)

Undergraduate Programs

The Bachelor of Science in Agricultural Sciences and Natural Resources degree is offered in the following major fields of study: agribusiness, agricultural communications, agricultural economics, agricultural education, agricultural leadership, animal science, biochemistry and molecular biology, entomology, environmental science, food science, horticulture, landscape management, natural resource ecology and management, and plant and soil sciences. The Bachelor of Landscape Architecture is also offered in the College of Agricultural Sciences and Natural Resources. Most departments offer one or more minors. The

requirements for the minors are available from the department offering the specified minor.

- Agribusiness, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-bsag>)
- Agribusiness: Accounting Double Major, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-accounting-double-major-bsag>)
- Agribusiness: Agricultural Communications Double Major, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-communications-bsag>)
- Agribusiness: Community and Regional Analysis, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-community-and-regional-analysis>)
- Agribusiness: Crop and Soil Sciences, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-crop-soil-sciences-bsag>)
- Agribusiness: Farm and Ranch Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-farm-ranch-management-bsag>)
- Agribusiness: International, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-international-bsag>)
- Agribusiness: Natural Resources, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-natural-resources-bsag>)
- Agribusiness: Pre-Law, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-pre-law-bsag>)
- Agribusiness: Pre-Veterinary Business Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agribusiness-pre-veterinary-business-management-bsag>)
- Agricultural Communications, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-communications-bsag>)
- Agricultural Communications: Agribusiness Double Major, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-communications/agribusiness-double-major-bsag>)
- Agricultural Communications: Animal Science Double Major, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-communications/animal-science-double-major-bsag>)
- Agricultural Economics, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/bsag>)
- Agricultural Education: Agricultural Business and Economics, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/agricultural-business-economics-option-bsag>)
- Agricultural Education: Agricultural Communications, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/agricultural-communications-bsag>)
- Agricultural Education: Animal Agriculture, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/animal-agriculture-bsag>)
- Agricultural Education: Horticultural Sciences, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/horticultural-sciences-bsag>)

- Agricultural Education: Multidisciplinary, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/multidisciplinary-bsag>)
- Agricultural Education: Natural Resources, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/natural-resources-bsag>)
- Agricultural Leadership, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-leadership/bsag>)
- Agricultural Leadership: Extension Education, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-leadership/extension-education-bsag>)
- Agricultural Leadership: International Studies, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-leadership/international-studies-bsag>)
- Animal Science: Agricultural Communications Double Major, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/agricultural-communications-double-major-bsag>)
- Animal Science: Agricultural Education Double Major, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/agricultural-education-double-major-bsag>)
- Animal Science: Animal Biotechnology, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/animal-biotechnology-bsag>)
- Animal Science: Business, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/business-bsag>)
- Animal Science: Livestock Merchandising, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/livestock-merchandising-bsag>)
- Animal Science: Pre-Veterinary Animal Science, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/pre-veterinary-animal-science-option-bsag>)
- Animal Science: Production, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/production-bsag>)
- Animal Science: Ranch Operations, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/ranch-operations-bsag>)
- Biochemistry and Molecular Biology, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/biochemistry-molecular-biology/bsag>)
- Biochemistry and Molecular Biology: Pre-Medical or Pre-Veterinary Science, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/biochemistry-molecular-biology/pre-medical-pre-veterinary-science-bsag>)
- Entomology: Bio-Forensics, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/bio-forensics-bsag>)
- Entomology: Insect Biology and Ecology, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/insect-biology-ecology-bsag>)
- Entomology: Pre-Veterinary and Pre-Medical, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/pre-veterinary-pre-medical-bsag>)
- Environmental Science: Environmental Policy, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/environmental-sciences/environmental-policy-bsag>)
- Environmental Science: Natural Resources, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/environmental-sciences/natural-resources-bsag>)
- Environmental Science: Water Resources, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/environmental-sciences/water-resources-bsag>)
- Food Science: Food Industry, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/food-science-food-industry-bsag>)
- Food Science: Food Safety, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/food-science-safety-bsag>)
- Food Science: Meat Science, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/food-science-meat-science-bsag>)
- Food Science: Science, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/food-science-bsag>)
- Horticulture: Horticultural Business, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/horticultural-business-bsag>)
- Horticulture: Horticultural Science, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/horticultural-science-bsag>)
- Horticulture: Public Horticulture, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/public-horticulture-bsag>)
- Horticulture: Turf Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/turf-management-bsag>)
- Landscape Architecture, BLA (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/landscape-architecture-bla>)
- Landscape Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/landscape-management-bsag>)
- Natural Resource Ecology & Management: Fisheries & Aquatic Ecology, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/fisheries-aquatic-ecology-bsag>)
- Natural Resource Ecology & Management: Forest Ecology & Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/forest-ecology-management-bsag>)
- Natural Resource Ecology & Management: Rangeland Ecology & Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/rangeland-ecology-management-bsag>)
- Natural Resource Ecology & Management: Wildlife Biology & Preveterinary Science, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/wildlife-biology-preveterinary-science-bsag>)
- Natural Resource Ecology & Management: Wildlife Ecology & Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/wildlife-ecology-management-bsag>)

- Plant and Soil Sciences: Agronomic Business, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/agronomic-business-bsag>)
- Plant and Soil Sciences: Crop Production and Management, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/crop-production-management-bsag>)
- Plant and Soil Sciences: Plant Biotechnology and Improvement, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/plant-biotechnology-improvement-bsag>)
- Plant and Soil Sciences: Soil and Water Resources, BSAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/soil-water-resources-bsag>)

- Pest Management (PEST), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/pest-management-minor>)
- Rangeland Ecology and Management (REM), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/rangeland-ecology-management-minor>)
- Soil Science (SLSI), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/soil-science-minor>)
- Wildlife Ecology (WLEC), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/wildlife-ecology-minor>)

Minors

- Agricultural Economics and Agribusiness (AEAB), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agricultural-economics-agribusiness-minor>)
- Agricultural Real Estate Appraisal (AREA), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/agricultural-real-estate-proposal-minor>)
- Agronomy (AGRN), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/agronomy-minor>)
- Animal Science (ANSI), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/animal-science-minor>)
- Biochemistry (BIOC), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/biochemistry-molecular-biology/biochemistry-minor>)
- Entomology (ENTO), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/entomology-minor>)
- Environmental Economics, Politics and Policy (EPPP), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/environmental-economics-politics-policy-minor>)
- Environmental Science (ENVR), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/environmental-sciences/environmental-science-minor>)
- Fisheries and Aquatic Ecology (FAEC), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/fisheries-aquatic-ecology-minor>)
- Food Science (FDSC), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/food-science-minor>)
- Forestry (FOR), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/forestry-minor>)
- Horticulture (HORT), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture/horticulture-minor>)
- Leadership Education (LEED), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-leadership/leadership-education-minor>)
- Natural Resource Ecology and Management (NREM), Minor (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/natural-resource-ecology-management-minor>)

Certificates

- Equine Enterprise Management (EEM), Undergraduate Certificate (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/equine-enterprise-management-ug-certificate>)

Graduate Programs

Graduate study is available in all CASNR academic departments and in the multidisciplinary international agriculture program. In addition to the Master of Agriculture and Master of Science degrees that may be obtained through several departments, the Doctor of Philosophy degree (PhD) may be earned in the following areas: agricultural economics, agricultural education, biosystems engineering, animal science, biochemistry and molecular biology, crop science, entomology, food science, plant pathology, soil science, natural resource ecology and management and in horticulture through interdisciplinary programs in crop science, environmental science, and plant science.

- Agribusiness, MAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/#graduateprogramstext>)
- Agricultural Communication, MS (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-communications/#graduateprogramstext>)
- Agricultural Economics, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-economics/#graduateprogramstext>)
- Agricultural Education, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-education/#graduateprogramstext>)
- Agricultural Leadership, MAG (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/agricultural-leadership/#graduateprogramstext>)
- Animal Science, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/#graduateprogramstext>)
- Biochemistry and Molecular Biology, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/biochemistry-molecular-biology/#graduateprogramstext>)
- Crop Science, PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/#graduateprogramstext>)
- Entomology, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/#graduateprogramstext>)
- Fisheries and Aquatic Ecology, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/#graduateprogramstext>)

- Food Science, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/animal-science/#graduateprogramstext>)
- Forest Resources, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/#graduateprogramstext>)
- Horticulture, MS (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/horticulture-landscape-architecture>)
- International Agriculture, MAG/MS (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/international-agriculture/#graduateprogramstext>)
- Plant and Soil Sciences, MS (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/#graduateprogramstext>)
- Plant Pathology, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/entomology-plant-pathology/#graduateprogramstext>)
- Rangeland Ecology and Management, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/#graduateprogramstext>)
- Soil Science, PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/plant-soil-sciences/#graduateprogramstext>)
- Wildlife Ecology and Management, MS/PhD (<http://catalog.okstate.edu/agricultural-sciences-natural-resources/natural-resource-ecology-management/#graduateprogramstext>)