Academic Programs

College of Agriculture and Human Sciences

ADMINISTRATIVE OFFICER

Elizabeth N. Noel, Dean

ADMINISTRATIVE STAFF

Troy L. Daniels, Coordinator, Human Sciences/Human Development and Family Studies
Sharon L. McWhinney, Coordinator, Dietetics/Human Nutrition and Food
Alfred L. Parks, Director, Cooperative Agricultural Research Center/Agriculture Economics
Freddie L. Richards, Director, International Agribusiness Studies/Agriculture and Human Resources
Cecil L. Strickland, Sr., Coordinator, Agriculture/Agriculture and Human Resources
Linda Williams-Willis, Administrator, Cooperative Extension Program/Family and Consumer Sciences

PURPOSE AND GOALS

The College of Agriculture and Human Sciences shall serve as the catalyst to reinforce the basic land-grant function upon which the University was founded by promoting the coordination of programmatic activities among teaching, extension and research. The primary mission of the College shall be to strengthen individuals and families in their interactive roles with social, economic and environmental systems.

The graduate programs emphasize the preparation of students for teaching, research and public service in colleges and universities, in social and public service agencies, or in managerial positions in business, industry or government. The curriculum offers opportunities for students to tailor the program to meet individual needs and prepares graduates to work with clientele in a professional capacity as agents of change. The specific goals of the program provide opportunities for increased professional competency development and the development of an academic and stylistic model for additional graduate study in a variety of academic specialties.

INSTRUCTIONAL ORGANIZATION

The College of Agriculture and Human Sciences offers the following graduate degree programs:

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Agriculture provides graduate support courses for the College of Education specializations in Agricultural Education. Graduate course work in Agriculture may also be applied to a masters’ degree program in
Human Sciences, and related disciplines. Students seeking this option should apply for admission to the respective Department and consult with an Advisor.

The Master of Science in Human Sciences includes degree concentrations in Marriage and Family Studies—preparation for licensure application in Marriage and Family Therapy and Interdisciplinary Studies in Family and Consumer Sciences.

Graduate courses may be utilized to support graduate majors in Counseling, Sociology, Agriculture, Vocational Home Economics Education, and related disciplines. Students seeking specialization in these areas should consult the Advisor in the major field of study for appropriate application of coursework.

**ADMISSION REQUIREMENTS**

Students desiring to major in graduate programs in the College of Agriculture and Human Sciences must:

1. Present undergraduate subject matter credits consistent with or closely aligned with the academic specialties offered from an accredited college of university.
2. Submit a biographical sketch and professional statement of intent for professional practice.
3. Meet all requirements as outlined by the graduate school for a degree status student or the minimum criteria for provisional graduate status. Provisional status must be removed within the first twelve months of initial enrollment.
Department of Agriculture, Nutrition and Human Ecology

ADMINISTRATIVE OFFICER

Elizabeth N. Noel, Dean and Interim Head, Department of Agriculture, Nutrition and Human Ecology

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Cecil L. Strickland, Sr., Coordinator, Agriculture/Agriculture and Human Resources
Linda Williams-Willis, Administrator, Cooperative Extension Program/Family and Consumer Sciences

FACULTY

TeneInger Abrom-Johnson, Family and Consumer Sciences
Ronald S. Briggs, Family Studies
Barbara Dixon, Human Nutrition and Food
Eustace A. Duffus, Family Studies
Grace G. Gafford, Family Studies
Richard Griffin, Agronomy/Soil Science
Ann Y. Johnson, Merchandising and Design
Nathaniel Keys, Agronomy/Horticulture
Dalton McWhinney, Animal Science
Richard McWhorter, Family Studies
Wallace W. Migura, Food Science
Bobby Mixon, Agricultural Economics
Alfred N. Poindexter, Animal Science
Juanito C. Reyes, Agronomy/Plant Science
Eric Risch, Food Engineering
Nathaniel Shelton, Animal Science
Victor G. Stanley, Animal Science
Lindsey Weatherspoon, Animal Science

MASTER OF SCIENCE IN AGRICULTURE DEGREE PROGRAMS

AGRICULTURAL ECONOMICS PROGRAM REQUIREMENTS

| Common Core                                                                                           | 9 SCH |
| AGHR 5353 Technological Change                                                                         |
| AGHR 5373 Seminar                                                                                      |
| AGRO 5713 Introduction to Biostatistics                                                                |
| Degree Concentration                                                                                   | 18 SCH |
| AGEC 5213 Land Use and Resource Management                                                              |
| AGEC 5223 Farm and Ranch Management                                                                   |
| AGEC 5233 Price Analysis                                                                               |
| AGEC 5243 Agricultural Policy                                                                         |
| AGEC 5253 Marketing of Farm Products                                                                   |
| AGEC 5283 Agricultural Finance                                                                       |
| Support Area Requirements                                                                            | 3 SCH  |
| ECON 5013 Microeconomic Theory or ECON 5023 Macroeconomic Theory                                    |
Research/Resource ................................................................................................................................. 6 SCH
Select from:
AGRO 5783 Application of Biostatistics ................................................................................................. 3 SCH
AGEC 5263 Research Methods or HUSC 5343 Research Problems ......................................................... 3 SCH
AGHR 5303 Research or HUSC 5693 Thesis ............................................................................................. 3 SCH

Total Degree Requirements .................................................................................................................... 36 SCH

ANIMAL SCIENCE PROGRAM REQUIREMENTS

Common Core ............................................................................................................................................... 9 SCH
AGHR 5353 Technological Change
AGHR 5373 Seminar
AGRO 5713 Introduction to Biostatistics

Degree Concentration ............................................................................................................................... 18 SCH
ANSC 5513 Physiology of Reproduction
ANSC 5533 Non-Ruminant Nutrition
ANSC 5543 Ruminant Nutrition
ANSC 5553 Dairy Goat Production and Management
ANSC 5563 Animal Health and Diseases
ANSC 5573 Beef Cattle Production and Management

Support Area Requirements .................................................................................................................... 3 SCH
CHEM 5534 General Biochemistry or CHEM 5543 Intermediary Metabolism or CHEM 5563 Biochemical and Clinical Analysis

Research/Resource ....................................................................................................................................... 6 SCH
AGRO 5783 Application of Biostatistics
AGEC 5263 Research Methods or HUSC 5343 Research Problems
AGHR 5303 Research or HUSC 5693 Thesis

Total Degree Requirements .................................................................................................................... 36 SCH

SOIL SCIENCE PROGRAM REQUIREMENTS

Common Core ............................................................................................................................................... 9 SCH
AGHR 5353 Technological Change
AGHR 5373 Seminar
AGRO 5713 Introduction to Biostatistics

Degree Concentration .................................................................................................................................. 18 SCH
Select from:
AGRO 5613 Environmental Microbiology ................................................................................................. 3 SCH
AGRO 5653 Soil Chemistry ............................................................................................................................ 3 SCH
AGRO 5663 Principles of Environmental Science and Management ......................................................... 3 SCH
AGRO 5723 Soil-Plant Relationships .......................................................................................................... 3 SCH
AGRO 5733 Agricultural Chemicals and Water Quality ............................................................................ 3 SCH
AGRO 5743 Land Disposal of Wastes ......................................................................................................... 3 SCH
AGRO 5753 Soils, Ecology and Land Uses ................................................................................................. 3 SCH
AGRO 5793 Problems and Issues in Environmental Science .................................................................... 3 SCH

Support Area Requirements ..................................................................................................................... 3 SCH
BIOL 5073 Environmental Toxicology
Research/Resource .................................................................................................................. 6 SCH
Select from:
AGRO 5783 Application of Biostatistics ................................................................. 3 SCH
AGEC 5263 Research Methods or HUSC 5343 Research Problem ......................... 3 SCH
AGHR 5303 Research or HUSC 5693 Thesis ............................................................. 3 SCH

Total Degree Requirements ..................................................................................... 36 SCH

MASTER OF SCIENCE IN HUMAN SCIENCES DEGREE PROGRAM REQUIREMENTS

Core ......................................................................................................................... 12 SCH
HUSC 5313 Studies in Family Resource Management
HUSC 5393 Family Communication
HUSC 5543 Theories of Child Development
HUSC 5553 Human Development

Concentration ....................................................................................................... 15 SCH
Select from:
HUSC 5333 Introduction to Clinical Hypnosis .......................................................... 3 SCH
HUSC 5373 Analysis and Treatment of Sexual Dysfunction ....................................... 3 SCH
HUSC 5383 Child and Adolescent Therapy ............................................................... 3 SCH
HUSC 5523 Marriage and Family Therapy ............................................................... 3 SCH
HUSC 5533 Family Theory and Issues ...................................................................... 3 SCH
HUSC 5683 Family Ethics and Issues ....................................................................... 3 SCH
HUSC 5723 Family Financial Counseling .................................................................. 3 SCH

Support Area Requirements .................................................................................. 3 SCH
Support area course requirements may be selected from related course work in Agriculture, Counseling and Sociology or closely allied disciplines. Advisor pre-approval is required.

Research ............................................................................................................... 3 SCH
HUSC 5343 Research Problems or AGEC 5263 Research Methods

Resource ............................................................................................................... 3-6 SCH
AGRO 5713 Introduction to Biostatistics, or HUSC 5693 Thesis, or AGRO 5783 Application of Biostatistics, or a student may take 6 semester credit hours of Post-Baccalaureate Field Placement. The field placement site must be pre-approved by the Advisor and all activities must be supervised by a graduate faculty member in the Program.

Total Degree Requirements .................................................................................. 36-39 SCH

POST-BACCALAUREATE PROGRAM IN DIETETICS REQUIREMENTS

Post-Baccalaureate Program in Dietetics is offered for individuals accepted for matriculation in the Dietetic Internship. The following courses are required as components of the program:

HUSC 5326 Advanced Practice in Dietetics I
HUSC 5336 Advanced Practice in Dietetics II
HUSC 5353 Dietetic Seminar I
HUSC 5363 Dietetic Seminar II