

## 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:

<b>Programs</b>	<b>Degree Offered</b>
<b><i>Agriculture</i></b> <b>Concentrations</b> Agricultural Economics Animal Science Soil Science	M.S., Agriculture
<b><i>Human Sciences</i></b> <b>Concentrations</b> Marriage and Family Studies Family and Consumer Studies Interdisciplinary Studies in Human Sciences	M.S., Human Sciences

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*

### **ADMINISTRATIVE STAFF**

Troy L. Daniels, *Coordinator, Human Sciences*  
Sharon L. McWhinney, *Coordinator, Dietetic Internship Program*  
Alfred L. Parks, *Associate Dean and Research Director*  
Freddie L. Richards, *Director, Institute for International Agribusiness Studies*  
Cecil L. Strickland, Sr., *Coordinator, Agriculture*  
Linda Williams-Willis, *Extension Administrator*

### **FACULTY**

Ronald S. Briggs, *Human Sciences*  
Barbara Dixon, *Dietetics*  
Richard W. Griffin, *Agriculture*  
Nathaniel Keys, *Agriculture*  
Dalton McWhinney, *Agriculture*  
Richard McWhorter, *Human Sciences*  
Bobby Mixon, *Agriculture*  
Alfred Poindexter, *Agriculture*  
Juanito C. Reyes, *Agriculture*  
Nathaniel Shelton, *Agriculture*  
Victor G. Stanley, *Agriculture*  
Cecil L. Strickland, Sr., *Agriculture*  
Lindsey Weatherspoon, *Agriculture*

### **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 the position of the university in matters relating to individuals and families and 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:

<b>Programs</b>	<b>Degrees Offered</b>
Agricultural Economics Animal Science Soil/Environmental Science	M.S., Agriculture
Human Sciences - Marriage and Family Studies - Interdisciplinary Studies in Family and Consumer Sciences	M.S., Human Sciences

**ADMISSION TO PROGRAM**

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 or 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.**

**ADVANCEMENT TO CANDIDACY**

A graduate student having been previously admitted to degree status must complete and submit an official application for Candidacy Form reflecting the satisfactory completion of twelve (12) semester hours of required graduate courses with an average of "B" or better.

**MASTER OF SCIENCE IN AGRICULTURE DEGREE PROGRAMS**

**AGRICULTURAL ECONOMICS PROGRAM REQUIREMENTS**

<b>Common Core</b> .....	<b>9 SCH</b>
AGHR 5353 Technological Change	
AGHR 5373 Seminar	
AGRO 5713 Introduction to Biostatistics	
<b>Degree Concentration</b> .....	<b>18 SCH</b>
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	
<b>Support Area Requirements</b> .....	<b>3 SCH</b>
ECON 5013 Microeconomic Theory or ECON 5023 Macroeconomic Theory	

<b>Research/Resource</b> .....	<b>6 SCH</b>
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**

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

<b>Degree Concentration</b> .....	<b>18 SCH</b>
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	

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

<b>Research/Resource</b> .....	<b>6 SCH</b>
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**

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

<b>Degree Concentration</b> .....	<b>18 SCH</b>
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

<b>Support Area Requirements</b> .....	<b>3 SCH</b>
BIOL 5073 Environmental Toxicology	

<b>Research/Resource</b> .....	<b>6 SCH</b>
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**

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

<b>Concentration</b> .....	<b>15 SCH</b>
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.

<b>Research</b> .....	<b>3 SCH</b>
HUSC 5343 Research Problems or AGECE 5263 Research Methods	

<b>Resource</b> .....	<b>3-6 SCH</b>
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