

All students must complete two Global Issues courses in the GE (▲). All students must complete a Social Diversity requirement in the GE, which can be done by completing Rural Sociology 1500 or Sociology 1101.

|  |          |   |              |
|--|----------|---|--------------|
| <b>FAES 1100 and Department Seminar</b>  | .5, .5   | <b>Social Science 1 (RURLSOC 1500 or SOCIOL 1101)</b>                       | <b>3</b>     |
| <b>Writing Level 1 (ENGLISH 1110)</b>  | <b>3</b> | <b>Social Science 2 (AEDECON 2001 or ECON 2001)</b>                         | <b>3</b>     |
| <b>Writing Level 2 (2367) or see approved CFAES GE List</b>                              | <b>3</b> | <b>Historical Study (See Approved CFAES GE List)</b>                        | <b>3</b>     |
| <b>AGRCOMM 3130 or COMM 2110</b>   | <b>3</b> | <b>Culture &amp; Ideas or Historical Study (See Approved CFAES GE List)</b> | <b>3</b>     |
| <b>MATH 1148</b>   | <b>4</b> | <b>Literature (See Approved CFAES GE List)</b>                              | <b>3</b>     |
| <b>Data Analysis (Comldr 3537, AEDE 2005, AnSci 2260, HCS 2260, ENR 2000, Stat 1450)</b> | <b>3</b> | <b>Art (See Approved CFAES GE List)</b>                                     | <b>3</b>     |
| <b>Biological Science (BIOLOGY 1101 or 1113)</b>   | <b>4</b> | <b>Contemporary Issues (See Approved CFAES GE List)</b>                     | <b>3</b>     |
| <b>Physical Science (CHEM 1110 or 1210)</b>  | <b>5</b> | <b>Minor</b>  | <b>12-15</b> |
| <b>MICRBIO 4000</b>  | <b>4</b> | <b>Major</b>  | <b>36-43</b> |
| <b>PHYSICS 1103 or 1106 or 1200</b>  | <b>3</b> | <b>Internship/Experiential Learning</b>                                     | <b>1</b>     |
|  |          | <b>Electives</b>  | <b>8-18</b>  |
|  |          | <b>TOTAL CREDIT HOURS</b>   | <b>121</b>   |

**Choose one minor from below** **12-15**

**Minor in Agribusiness**

|   |  |   |    |
|---|--|---|----|
| Acct 2200 or AED Econ 2105                | Intro to Acct or Managerial Records & Analysis | 3 | 12 |
| AED Econ 3101                             | Principles of Agribusiness Management          | 3 |    |
| AED Econ 3102                             | Principles of Agribusiness Marketing           | 3 |    |
| Minimum of three hours of minor electives |  | 3 |    |

**Minor in Business**

|              |   |   |    |
|--------------|---|---|----|
| ACCTMIS 2000 | Foundations of Accounting and MIS             | 3 | 15 |
| BUSFIN 3120  | Foundations of Finance                        | 3 |    |
| BUSMGMT 3130 | Foundations of Operations Management          | 3 |    |
| BUSMHR 3100  | Foundations of Management and Human Resources | 3 |    |
| BUSML 3150   | Foundations of Marketing                      | 3 |    |

**Minor in Entrepreneurship and Innovation**

|   |  |   |    |
|---|--|---|----|
| BUSMHR 3510                               | Innovation and Entrepreneurship              | 3 | 15 |
| DESIGN 2700                               | Introduction to Design Practice              | 3 |    |
| MECHENG 5682.02                           | Product Design Engineering for Entrepreneurs | 3 |    |
| BUSADM 4510                               | Entrepreneurship and Innovation: Practicum   | 3 |    |
| Minimum of three hours of minor electives |  | 3 |    |

**Major Requirements**

*Required Courses* **36-43**

|             |  |   |
|-------------|--|---|
| FDSCTE 2200 | Science of Food                        | 3 |
| FDSCTE 2400 | Introduction to Food Processing        | 3 |
| FDSCTE 3400 | Food Supply-Chain Equipment Operations | 2 |
| FDSCTE 4536 | Food Safety and Public Health          | 2 |
| FDSCTE 4600 | Food Composition and Function          | 2 |
| FDSCTE 5310 | Food Quality Assurance                 | 3 |
| FDSCTE 5320 | Food Law                               | 2 |
| FDSCTE 5330 | Food Plant Management                  | 2 |
| FDSCTE 5710 | Food Additives                         | 2 |

**Select one capstone course from the following:**

|             |                           |   |
|-------------|---------------------------|---|
| FDSCTE 5720 | Food Product Development  | 3 |
| FDSCTE 5730 | Technical Problem Solving | 3 |

**Select one processing course from the following:**

|              |   |   |
|--------------|---|---|
| FDSCTE 5410  | Processing Fruit and Vegetable Products | 3 |
| FDSCTE 5420  | Dairy Processing                        | 3 |
| FDSCTE 5430  | Food Fermentations                      | 3 |
| FDSCTE 5450  | Food Packaging                          | 3 |
| MEATSCI 4510 | Processed Meats                         | 3 |

**Major Electives:**

**Business-Related Major Electives: Select a minimum of 2 courses from the following:** **9-16**

|              |  |     |
|--------------|--|-----|
| AEDECON 3103 | Principles of Agribusiness Finance                                 | 3   |
| AEDECON 3122 | Economics of the Livestock/Meat Industry                           | 2   |
| AEDECON 3141 | Agricultural Cooperatives  | 2   |
| AEDECON 3160 | Human Resources Management in Small Businesses                     | 2   |
| BUSFIN 3120  | Foundations of Finance (If not part of minor)                      | 3   |
| BUSFIN 3500  | Legal Environment of Business                                      | 1.5 |
| BUSMGMT 3130 | Foundations of Operations Management (If not part of minor)        | 3   |
| BUSMHL 3250  | Principles of Marketing  | 3   |
| BUSMHR 2000  | Introduction to International Business                             | 1.5 |
| BUSMHR 2210  | Personal Leadership and Team Effectiveness                         | 3   |
| BUSMHR 2500  | Entrepreneurship   | 3   |
| BUSMHR 3100  | Foundations of Management & Human Resources (If not part of minor) | 3   |
| BUSMHR 3300  | Managing Human Resources   | 3   |
| BUSMHR 3510  | Innovation and Entrepreneurship (If not part of minor)             | 3   |
| BUSMHR 5530  | Social Entrepreneurship (If not part of minor)                     | 3   |

|         |                     |   |     |
|---------|---------------------|---|-----|
| BUSML   | 3150                | Foundations of Marketing (If not part of minor) | 3   |
| BUSML   | 3380                | Logistics Management                            | 1.5 |
| COMM    | 2131                | Business and Professional Speaking              | 3   |
| COMM    | 3330                | Communication and Conflict Management           | 3   |
| COMM    | 3331                | Communication and Decision Making               | 3   |
| ECON    | 2002.01 or 2002.03H | Principles of Macroeconomics                    | 3   |
| PUBAFRS | 5890                | US Food Policy                                  | 3   |

**Food-Related Major Electives: Select a minimum of 2 courses from the following:**

|         |               |   |         |
|---------|---------------|---|---------|
| FDSCTE  | 2410          | Brewing Science   | 2       |
| FDSCTE  | 4410          | Hazard Analysis and Critical Control Points (HACCP)           | 2       |
| FDSCTE  | 4597.01       | Alcohol and Society   | 3       |
| FDSCTE  | 4597.02       | Food and Health Controversies in the 21 <sup>st</sup> Century | 3       |
| FDSCTE  | 4999 or 4999H | Research with Distinction / Honors Research with Distinction  | 1-3/1-5 |
| FDSCTE  | 5410          | Processing Fruit and Vegetable Products (if not taken above)  | 3       |
| FDSCTE  | 5420          | Dairy Processing (if not taken above)                         | 3       |
| FDSCTE  | 5430          | Food Fermentations (if not taken above)                       | 3       |
| FDSCTE  | 5450          | Food Packaging (if not taken above)                           | 3       |
| FDSCTE  | 5500          | Measurement of Food Preparation and Liking                    | 3       |
| FDSCTE  | 5720          | Food Product Development (If not taken above)                 | 3       |
| FDSCTE  | 5730          | Technical Problem Solving (If not taken above)                | 3       |
| MEATSCI | 3110          | Introductory Meat Science                                     | 3       |
| MEATSCI | 4510          | Processed Meats (if not taken above)                          | 3       |
| MEATSCI | 5510          | Advanced Meat Science   | 3       |
| MEATSCI | 5810          | Branded Meat Products   | 3       |