

---

## The University of Tennessee at Martin Agricultural Science Concentration

---

### Career Opportunities

Modern agriculture is a tremendously diverse industry. Career opportunities range from manufacturing and distributing resource inputs (i.e., seed, fertilizer, capital) to production (farming), marketing, processing (converting raw agricultural commodities into usable products) and merchandising (distributing food and other goods to consumers). This program of study provides a broad general education that includes courses from several subject matter disciplines in agriculture. More than 25 percent of the courses may be selected by students to give in-depth preparation in areas especially intriguing to them. This combination provides a good general education and a broad overview of the agricultural industry, while allowing specialization according to individual interests.

### Employment Possibilities

Graduates of this curriculum may, depending upon elective courses completed, begin career employment in many aspects of the industry:

- Resource marketing and distribution-seed, fertilizer, pesticide, pharmaceutical, equipment and feed companies; farm supply cooperatives
- Agricultural service occupations-representatives for banks, insurance companies, Agricultural Extension Service, conservation agencies, farm credit agencies, production management consulting firms, communications and information firms and government agencies
- Farm, ranch and feedlot management
- Commodity processing-meat packing, fruit and vegetable processing, feed manufacturing, milling industries, inspection and quality-control services
- Grounds maintenance occupations-greenhouse and nursery operations, pest-management consulting firms, pest-control businesses, lawn-care firms, landscaping firms
- Merchandising of food and agricultural products-chain and independent grocery firms, garden-supply outlets

### Facilities

A nearby 700 acre UT Agricultural Experiment Station and UTM Agricultural Field Teaching/ Demonstration Complex are jointly used for research, teaching, and demonstration. Modern agricultural laboratories and classrooms are located in Brehm Hall and the West Tennessee Agricultural Pavilion. The student is taught to use the computer, and numerous computer facilities are available for the student's convenience. In some cases, field trips are made to nearby industries and farms to learn their operating procedures.

### For More Information

Please Contact: Dr. Jerry Gresham, Chair  
Department of Agriculture and Natural Resources  
257 Brehm Hall  
Martin, TN 38238  
Phone: (731) 881-7262; E-mail: [jgresham@utm.edu](mailto:jgresham@utm.edu)

**The University of Tennessee at Martin**  
**Department of Agriculture, Geosciences, and Natural Resources**  
**Bachelor of Science in Agriculture**  
**AGRICULTURAL SCIENCE CONCENTRATION**  
**AGRICULTURAL COMMUNICATIONS OPTION**  
**(Major code 1120)**

Program description: [www.utm.edu/majors](http://www.utm.edu/majors)

**Agriculture Fine Arts – 3 hrs**

**Requirement**

- Choose 1 course from ART 110; ARTH 210, 211; DANC 110; MUS 111, 112; THEA 110, 111 (3 hrs)

**Ag Communication Biological & Physical Sciences – 12 hrs**

**Requirement**

- BIOL 110 (4 hrs)
- BIOL 120 (4 hrs)
- CHEM 111 OR 121 (4 hrs)

**University Wide Communication – 9 hrs**

Students who place in ENGL 100, will use ENGL 110 instead of ENGL 111 in the ENGL sequence.

**Requirement**

- ENGL 111 (3 hrs) (Min C grade)
- ENGL 112 (3 hrs) (Min C grade)
- COMM 230 (3 hrs)

**University Wide Humanities – 9 hrs**

**Requirement**

- Choose 3 courses from ENGL 250, 251, 260, 261, 270, 271; FREN 250; GERM 250; HIST 121, 122, 201, 202; HONR 111; PHIL 110, 120, 130, 160; SPAN 250 (9 hrs)

**Ag Science-Ag Communications Mathematics Requirement – 3 hrs**

**Requirement**

- Choose one course from MATH 140, 160, 185, or 251 (3 hrs)

## **University Wide Social and Behavioral Science – 6 hrs**

### **Requirement**

- Choose 2 courses from AGRI 295; ECON 100, 201, 202; ENGR 100; GEOG 151, 152, 202; IDST 201; NRM 101; POSC 210, PSYC 110, 120; SWRK 220; SOC 201, 202; HLTH 111; HONR 112 (6 hrs)

## **Ag Core – 18 hrs**

### **Requirement**

- AGRI 390 (2 hrs)
- AGECE 110 (3 hrs)
- AGET 110 (3 hrs)
- ANSC 110 (3 hrs)
- PLSC 110 (3 hrs)
- SOIL 210 (4 hrs)

## **Ag Science-Ag Communications Major Courses – 41 hrs**

### **Requirement**

- AGRI 450 (3 hrs)
- AGRI 475 (3 hrs)
- AGET 482 (3 hrs)
- ANSC 119 (1 hr)
- ANSC 240 (3 hrs)
- ANSC 380 (3 hrs)
- PLSC 119 (1 hr)
- PLSC 242 (3 hrs)
- ENGL 325 (3 hrs)
- COMM 200 or 210 (3 hrs)
- COMM 250 (3 hrs)
- COMM 320 (3 hrs)
- COMM 322 (3 hrs)
- COMM Upper Division (2 courses, 3 hrs each)

## **Ag Science-Ag Communication Electives – 19 hrs**

### **Requirement**

- Choose 3 hours of Upper Division ANSC Electives
- Choose 3 hours from courses in the department of AG/NRM
- Choose 13 hours of electives to meet the 120 degree hour requirement

### **As a general rule:**

**100 & 200 level courses are lower division courses and target freshman and sophomore years;**

**300 & 400 level courses are upper division courses and target junior and senior years;**

**However, this is variable and student should work closely with faculty advisor to meet individual needs**

