

The University of Tennessee at Martin
Department of Agriculture, Geosciences, and Natural Resources
Bachelor of Science in Agriculture
AGRICULTURAL ENGINEERING TECHNOLOGY
CONCENTRATION

(Major code 1124)

Program Description: 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 Engineering Technology Biological & Physical Systems – 12 hrs

Requirement

- CHEM 111 (4 hrs)
- Choose either PHYS 211-212 or PHYS 220-221

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 Engineering Technology Mathematics – 9 hrs

Requirement

- MATH 170 (3 hrs)
- MATH 160 or 251 (1 crs)
- Choose 1 from MATH 140, 160, 185, 210, 251

Ag Engineering Technology Social & Behavioral Sciences – 6 hrs

Requirement

- ENGR 100 (3 hrs)
- Choose 1 from AGRI 295; ECON 100, 201, 202; GEOG 151, 152, 202; IDST 201; POSC 110, 120; SWRK 220; SOC 201, 202; HLTH 111; HONR 112 (3hrs)

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 Engineering Technology Major Courses – 21 hrs

Requirement

- ACCT 201 (3 hrs)
- ACCT 202 (3 hrs)
- AGECE 375 or BLAW 201 (3 hrs)
- COMM 326 (3 hrs)
- ENGR 101 (3 hrs)
- ENGL 325 (3 hr)
- Choose from SOIL 315, 430, or 440 (3 hrs)

Ag Engineering Technology Ag & NRM Electives – 12 hrs

Requirement

- Choose 12 hours from Advisor approved courses in Agriculture and NRM

Ag Engineering Technology Electives– 18 hrs

Requirement

- Choose 18 hours from AGET 210, 220, 310, 350, 354, 370, 450, 460, 482

Ag Engineering Technology General Electives– 3 hrs

Requirement

- Choose 3 hours from Advisor approved courses from BIOL, Business, CHEM, ENGR, FSCI, GEOG, GEOL, MATH, PHYS

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