

AGRICULTURAL SCIENCES AND TECHNOLOGY CERTIFICATION PLAN

A GRADE OF "C" OR HIGHER MUST BE ACHIEVED IN ALL COURSES ON THE CERTIFICATION PLAN.

CONTENT AREA--52 hours

Agricultural Education--12 hours

1. _____ AGED 2300--Introduction to Agricultural Education
2. _____ AGED 2302--Principles of Effective Technology Use in Teaching Agricultural Science
3. _____ AGED 3313--Management of Supervised Agricultural Experience Programs
4. _____ AGED 3331--Agricultural Youth Leadership Organizations

Agricultural and Applied Economics--3 hours

1. _____ AAEC 2305--Fundamentals of Agricultural and Applied Economics

Animal Science--11 hours

1. _____ ANSC 1401--General Animal Science
 2. _____ ANSC 3305--Applied Animal Nutrition
Prerequisites: ANSC 1401 and CHEM 1305 or 1307
 3. _____ ANSC 3402--Animal Breeding and Genetics
Prerequisite: ANSC 1401, MATH 1320 or higher, and junior or senior standing
- OR** _____ PSS 3421--Fundamental Principles of Genetics
Prerequisite: PSS 1321 or 1411 and BIOL 1401 or 1403

Plant and Soil Science--11 hours

1. _____ PSS 1321--Agronomic Plant Science
2. _____ PSS 1411--Principles of Horticulture
3. _____ PSS 2432--Principles and Practices in Soils
Prerequisite: CHEM 1305 or 1307 and CHEM 1105 or 1107

Agricultural Systems Management--9 hours

1. _____ AGSM 2303--Welding and Metalwork
2. _____ AGSM 3303--Internal Combustion Engine Theory and Operation
3. _____ AGSM 4302--Agricultural Buildings and Environmental Control

Scientific Agricultural Electives--6 hours (3 hours must be 3000-level or above)

- ⇒ The State of Texas does criminal background checks on all applicants for Teacher Certification.
⇒ The undergraduate requirements and/or the certification requirements may change according to state regulations.

By signing below, I signify that I understand the contents of this document.

Student Signature: _____ Date: _____

Certification Advisor Signature: _____ Date: _____

Degree Advisor Signature: _____ Date: _____