



AS Agriculture Science to
Bachelor of Science in Animal Science
Animal Production Concentration^T



Guided Pathway
Effective for the 2019-2020 Catalog
First Year – Central Texas College

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 Composition I	^C SPCH 1315
^C HIST 1301 United States History I	^C HIST 1302 United States History II
AGRI 1131 The Agriculture Industry	AGRI 1309 Computers in Agriculture
AGRI 1419 Introductory Animal Science	AGRI 2330 Wildlife Conse. & Mgmt.
^C GOVT 2306 Texas Government	^C BIOL 1406 (BIOL 1306+1106) – Biology for Science Majors

Total Semester Hours: 14

Total Semester Hours: 16

Second Year – Central Texas College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
^C GOVT 2305 Federal Government	AGRI 2317 Intro. to Agri. Economics
^C Math 1332 or 1342	^{C*} Language/Philosophy/Culture Studies
^C CHEM 1407 (CHEM 1307+1107) – Fundamentals of Chemistry	^{C*} Social/Behavioral Science Selection
AGRI 1407 Agronomy	^{C*} Component Area Option
	^{C*} Creative Arts Selection

Total Semester Hours: 14

Total Semester Hours: 15

AS: Agriculture Science

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be completed at CTC (if offered) or TSU

^C ENGL 1302 – Composition II	
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Total Semester Hours: 3

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ANSC 2101 – Animal Science Industry	ANSC 3421 – Meat Science
ANSC 2350 – Anatomy and Physiology of Domestic Animals	ANSC 3309 – Applied Animal Nutrition and Feeding
AGRI 3409 – Genetics	ANSC 3319 – Animal Breeding
ANSC 3408 – Physiology of Reproduction	ANSC 3308 – Principles of Animal Nutrition
RNRM 3301 – Principles of Range Management <u>OR</u>	
ANSC 3303 – Pasture/Forage	

Total Semester Hours: 15

Total Semester Hours: 13

SUMMER

AGSD 3302 – Agricultural Sales and Services <u>OR</u>	Advanced ACCT, ADMS, AGECE, BCIS, ECON, FINC, BUSI,
ACOM 3314 – Writing and Editing for Agricultural Publications	MGMT, REST, BLAW, <u>OR</u> MKTG elective – 3000 or 4000 level
<u>OR</u>	
ACOM 3321 – Communicating Agriculture to the Public	
Advanced ANSC, RNRM, VETE Elective	Advanced ANSC, RNRM, VETE Elective

Total Semester Hours: 12

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
¹ ANSC Advanced Elective	ANSC 4084 – Internship
¹ ANSC Advanced Elective	ANSC 4185 – Animal Science Problems
ANSC 4300 – Research and Writing in Animal Science	² ANSC Advanced Elective
² ANSC Advanced Elective	Advanced ACCT, ADMS, AGECE, BCIS, ECON, FINC, BUSI,
	MGMT, REST, BLAW, <u>OR</u> MKTG elective – 3000 or 4000 level

Total Semester Hours: 12

Total Semester Hours: 10

Total Degree Hours: 124

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^C This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.

For questions about the university portion of this pathway,
contact the Animal Science and Veterinary Technology Department at 254-968-9222



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¹ Choose One of the Following:

ANSC 4313 – Sheep and Goat Production

ANSC 4310 – Swine Production

ANSC 4330 – Horse Enterprise Management

ANSC 4320 – Stocker Cattle Production and Feedlot Management

ANSC 4303 – Beef Cattle Production

ANSC 4302 – Dairy Cattle Production

ANSC 4440 – Sustainable Livestock Systems

² Choose One of the Following:

ANSC 3315 – Animal Diseases and Parasites

ANSC 4319 – Biotechnology in Agriculture

ANSC 3323 – Ethical Issues in Agriculture and the Natural Resources

ANSC 4308 – Environmental Physiology of Farm Animals

ANSC 4401 – Ethology