

Abilene Approval Chart for Curriculum Changes

A = Approve I = Information Item R = Respond in Writing

Course Number _____ or Degree Plan(s) ANSC

State the requested change and reason. A memo may be attached if more space is necessary.

Please see degree plans below for both PVH track and LP track

Indicate the requested change.

	Change to a Course	Dept./School ¹	College	Dean	TEC	UGEC	AUAC/Grad	Provost	President
1.	Title (description unchanged)	A	A	A	I	–	I	I	I
2.	Description (not affecting content)	A	A	A	I	–	I	I	I
3.	Course term(s)	A	I	A	I	–	I	I	I
4.	Content (change of course outcomes)	A	A	A	I	–	I	A	I
5.	Number of hours (lecture, lab, contact)	A	A	A	A	–	A	A	I
6.	Course number within the hundred	A	A	I	I	–	I	I	I
7.	Course number beyond the hundred	A	A	A	A	–	A	A	I
8.	Prerequisites	A	A	A	I	–	I	I	I
9.	Course fee(s)	A	–	A	–	–	–	A	I
10.	From U to G <i>or</i> G to U	A	A	A	A	–	A	A	I
11.	Cross-list course	A	A	A	A	–	A	A	I
12.	Department of record	A	A	A	A	–	A	A	I
13.	Close a course	A	A	A	A	–	A	A	I
14.	New course (includes combining or splitting courses)	A	A	A	A	–	A	A	I

A = Approve I = Information Item R = Respond in Writing

	Change to the University Requirements (All Campuses)	Dept./School¹	College	Dean	TEC	UGEC	AUAC/Grad	Provost	Faculty	President	Trustees
1.	University Requirements — Change course outcomes of an included course ²	A	A	A	–	A	–	A	–	A	–
2.	University Requirements — Add or drop a required course from the University Requirements ²	A	A	A	–	A	–	A	A	A	–
3.	University Requirements — Add or drop a course from a menu within the University Requirements ²	A	–	–	–	A	–	A	–	A	–
4.	University Requirements — Change hours within a menu in the University Requirements ²	A	A	A	–	A	–	A	A	A	–
	Change to Catalog Information (for Campus)										
1.	General Requirements for Bachelor's Degrees and Associate's Degrees	–	–	–	–	–	A	A	A	A	–
2.	Policies governing academic probation and suspension	–	–	–	–	–	A	A	A	A	–
3.	Requirements for graduating with honors	–	–	–	–	–	A	A	A	A	–
	Change to a Degree Plan Proposed by Faculty or College										
5.	Educational Program — Revise ³	A	A	A	A	–	A	A	–	A	–
6.	Educational Program — Adopt/change admission requirements	A	A	A	A	–	A	A	–	A	–
7.	Educational Program — Add ³	A	A	A	A	–	A	A	A	A	I
8.	Educational Program — Discontinue	A	A	A	A	–	A	A	A	A	I
9.	GPA — Revise program-required GPAs	A	A	A	A	–	A	A	–	A	–
10.	Minor — Revise	A	A	A	I	–	I	I	–	I	–
11.	Minor — Add	A	A	A	A	–	A	A	–	A	–
12.	Minor — Discontinue	A	A	A	A	–	A	A	–	A	–
13.	Degree — Add	A	A	A	A	–	A	A	A	A	I
14.	Degree — Discontinue	A	A	A	A	–	A	A	A	A	I
	Change to a Degree Plan Proposed By Provost										
15.	Educational Program — Discontinue	R	–	R	A	–	A	A	A	A	I
16.	Minor — Discontinue	R	–	R	A	–	A	A	–	A	–
17.	Degree — Discontinue	R	–	R	A	–	A	A	A	A	I

¹ When an academic unit does not have a council, the UGEC and/or UUAC will serve as its academic council, depending on the nature of the issue.

² Courses that satisfy ACU's University Requirements will normally have lower-level numbering, be free of prerequisites and co-requisites, appeal to more than one or two majors, and "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession" (SACS 2.7.3). Departments may request exceptions to the first three criteria.

³ For undergraduate majors, a minimum of 30 hours is required. These programs must have a minimum of 6 elective hours, unless the requirements of external accrediting bodies make it impossible.

Department/School Chair(s)	
 Signature	12/16/22 Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
 Signature	Jan 26, 2023 Approval date
_____ Signature	_____ Approval date

Dean(s)	
 Signature	Jan 26, 2023 Approval date
_____ Signature	_____ Approval date

Teacher Education Council	
_____ Chair's signature	_____ Approval date

University General Education Council	
_____ Chair's signature	_____ Approval date

Abilene Undergraduate Academic Council	
_____ Chair's signature	_____ Approval date

Graduate Council	
_____ Chair's signature	_____ Approval date

Provost	
_____ Signature	_____ Approval date

Faculty	
_____ Chair of Faculty Senate	_____ Approval date

President	
_____ Signature	_____ Approval date

Animal Science, Pre-Veterinary Medicine and Health, BS (ANSC-PVH)

BS: Animal Science Degree Plan (ANSC)

The animal science degree is designed to prepare students to effectively serve the livestock industry by producing graduates conversant in issues related to animal agriculture. The curriculum is designed for academically talented students interested in the application of biology and technology to the care, management and study of domestic animals. While the program emphasizes traditional farm species of dairy cattle, beef cattle and swine, it also addresses companion animals, small ruminants, and poultry. The animal science curriculum contains a fundamental animal science core accompanied by emphasis tracks. The tracks are pre-veterinary medicine and health, business and industry, livestock management, and biotechnology and research. Graduates are prepared for admission to professional and/or graduate programs for advanced studies or entry into career fields.

University Requirements

Please see the [University Requirements](#) section of this catalog.

Major Requirements

Agricultural and Environmental Sciences Core

- ~~AENV 110 - Introduction to Agricultural and Environmental Systems and Technology~~ Credit Hours: 3
- AENV 101 - Foundations of Agricultural and Environmental Sciences Credit Hours: 1
- AENV 201 - Current Issues in Agricultural and Environmental Sciences Credit Hours: 1
- [AGRB 261 - Principles of Agricultural and Applied Economics](#) Credit Hours: 3*
- [ANSC 111 - General Animal Science](#) Credit Hours: 3
- [ENVR 112 - Plant Science](#) Credit Hours: 3

- [ENVR 233 - Soil Science](#) Credit Hours: 3

~~*Hours may also fulfill university requirements and are not included in total major hours.~~

- **Total: ~~12~~ 14 Credit Hours**

Experiential Learning

Students are required to complete an experiential learning component.

Choose one option from the list below:

- [AENV 381 - International Applications in Agricultural & Environmental Sciences](#) Credit Hours: 3
- [AENV 384 - Internship in Agricultural and Environmental Sciences](#) Credit Hours: 3
- [AENV 399 - Research in Agricultural & Environmental Sciences](#) Credit Hours: 3 *
-

*[AENV 399](#) is offered for variable credit, 1-3 credit hours. A total of 3 credit hours must be taken to meet the experiential learning requirement. The course may be repeated for up to 3 credit hours.

Total: 3 Credit Hours

Animal Science Core

- [ANSC 336 - Animal Nutrition](#) Credit Hours: 3
- [ANSC 343 - Animal Reproduction](#) Credit Hours: 3
- [ANSC 392 - Animal Health](#) Credit Hours: 3
- [ANSC 496 - Animal Breeding](#) Credit Hours: 3
- [ANSC 497 - Special Problems in Animal Science](#) Credit Hours: 3 (capstone and writing-intensive course)

Total: 15 Credit Hours

Total: ~~30~~ 32 Credit Hours

Pre-Veterinary Medicine and Health (PVH)

Choose a minimum of ~~5~~ 6 hours from the following menu:

-
- [ANSC 235 – Companion Animal Management](#) Credit Hours: 3
 - [ANSC 360 – Horses and Horsemanship](#) Credit Hours: 3
 - ~~=(Note: If ANSC 360 is taken, 1 hour counts for University PEAC activity and 2 hours count for track requirements)-~~
 - [ANSC 363 - Monogastric Livestock Production](#) Credit Hours: 3
 - [ANSC 483 - Ruminant Livestock Production](#) Credit Hours: 3

Mathematics

-
- [MATH 377 - Statistical Methods I](#) Credit Hours: 3*
 - ~~*Hours may also fulfill university requirements and are not included in total major hours.~~

• Science Requirements

-
- [BIOL 121 - Introductory Biology I](#) Credit Hours: 3 *
 - [BIOL 122 - Introductory Biology I Laboratory](#) Credit Hours: 1
 - [BIOL 123 - Introductory Biology II](#) Credit Hours: 3
 - [BIOL 124 - Introductory Biology II Laboratory](#) Credit Hours: 1
 - [BIOL 351 - Genetics](#) Credit Hours: 3
 - [CHEM 133 - General Chemistry I](#) Credit Hours: 3 *
 - [CHEM 131 - General Chemistry Laboratory I](#) Credit Hours: 1
 -
 - *Hours may also fulfill university requirements and are not included in total major hours

Total: ~~14~~ 18 Credit Hours

Supplement for Major

-
- [BIOL 355 - Microbiology](#) Credit Hours: 3
 - [BIOL 357 - Microbiology Laboratory](#) Credit Hours: 1
 - [CHEM 132 - General Chemistry Laboratory II](#) Credit Hours: 1
 - [CHEM 134 - General Chemistry II](#) Credit Hours: 3
 - [CHEM 221 - Organic Chemistry Laboratory I](#) Credit Hours: 1
 - [CHEM 223 - Organic Chemistry I](#) Credit Hours: 3
 - [CHEM 322 - Organic Chemistry Laboratory II](#) Credit Hours: 1
 - [CHEM 324 - Organic Chemistry II](#) Credit Hours: 3
 - [CHEM 453 - Biochemistry I: Foundations of Biochemistry](#) Credit Hours: 3
 - [PHYS 110 - General Physics I](#) Credit Hours: 3
 - [PHYS 111 - General Physics I Laboratory](#) Credit Hours: 1

- [PHYS 112 - General Physics II](#) Credit Hours: 3
- [PHYS 113 - General Physics II Laboratory](#) Credit Hours: 1

Total: 27 Credit Hours

Electives

Minimum ~~10~~ Credit Hour

Total Major Hours: ~~72~~ 77

Other Graduation Requirements

Minimum GPA for graduation: 2.00

Minimum advanced hours: 33

Minimum total hours: ~~128~~ 131

*Courses numbered 0** do not count in minimum hours required for degree.*

Animal Science, Livestock Production, BS (ANSC-LP)

BS: Animal Science Degree Plan (ANSC)

The animal science degree is designed to prepare students to effectively serve the livestock industry by producing graduates conversant in issues related to animal agriculture. The curriculum is designed for academically talented students interested in the application of biology and technology to the care, management and study of domestic animals. While the program emphasizes traditional farm species of dairy cattle, beef cattle and swine, it also addresses companion animals, small ruminants, and poultry. The animal science curriculum contains a fundamental animal science core accompanied by emphasis tracks. The tracks are pre-veterinary medicine and health, business and industry, livestock management, and biotechnology and research. Graduates are prepared for admission to professional and/or graduate programs for advanced studies or entry into career fields.

University Requirements

Please see the [University Requirements](#) section of this catalog.

Major Requirements

Agricultural and Environmental Sciences Core

- ~~• [AENV 110 – Introduction to Agricultural and Environmental Systems and Technology](#) Credit Hours: 3~~
- [AENV 101 - Foundations of Agricultural and Environmental Sciences](#) Credit Hours: 1
- [AENV 201 - Current Issues in Agricultural and Environmental Sciences](#) Credit Hours: 1
- [AGRB 261 – Principles of Agricultural and Applied Economics](#) Credit Hours: 3*
- [ANSC 111 - General Animal Science](#) Credit Hours: 3
- [ENVR 112 - Plant Science](#) Credit Hours: 3
- [ENVR 233 - Soil Science](#) Credit Hours: 3

- ~~*Hours may also fulfill university requirements and are not included in total major hours.~~

Total: ~~12-14~~ Credit Hours

Experiential Learning

Students are required to complete an experiential learning component.

Choose one option from the list below:

- [AENV 381 - International Applications in Agricultural & Environmental Sciences](#) Credit Hours: 3
 - [AENV 384 - Internship in Agricultural and Environmental Sciences](#) Credit Hours: 3
 - [AENV 399 - Research in Agricultural & Environmental Sciences](#) Credit Hours: 3 *
 -
- *[AENV 399](#) is offered for variable credit, 1-3 credit hours. A total of 3 credit hours must be taken to meet the experiential learning requirement. The course may be repeated for up to 3 credit hours.

Total: 3 Credit Hours

Animal Science Core

- [ANSC 336 - Animal Nutrition](#) Credit Hours: 3
- [ANSC 343 - Animal Reproduction](#) Credit Hours: 3
- [ANSC 392 - Animal Health](#) Credit Hours: 3
- [ANSC 496 - Animal Breeding](#) Credit Hours: 3
- [ANSC 497 - Special Problems in Animal Science](#) Credit Hours: 3 (capstone and writing-intensive course)

Total: 15 Credit Hours

Total: ~~30-32~~ Credit Hours

Livestock Production (LP)

- [AGRB 382 - Agribusiness Management](#) Credit Hours: 3

Choose 15 credit hours from the following menu:

(Choose no more than 9 hours within a single discipline.)

- [AENV 371 - Experimental Designs and Data Analysis](#) Credit Hours: 3
- [ANSC 235 - Companion Animal Management](#) Credit Hours: 3

- [ANSC 360 - Horses and Horsemanship](#) Credit Hours: 3
- ~~(Note: If ANSC 360 is taken, 1 hour counts for University PEAC activity and 2 hours count for track requirements).~~
- [ANSC 363 - Monogastric Livestock Production](#) Credit Hours: 3
- [ANSC 483 - Ruminant Livestock Production](#) Credit Hours: 3
- [ENVR 341 - Water Resources](#) Credit Hours: 3
- [ENVR 345 - Range and Wildland Plants](#) Credit Hours: 2
- [ENVR 346 - Range and Wildland Plants Laboratory](#) Credit Hours: 1
- [ENVR 350 - Rangeland Ecology](#) Credit Hours: 3
- [ENVR 354 - Range Science](#) Credit Hours: 3
- [ENVR 455 - Wildlife Ecology](#) Credit Hours: 4

Mathematics

- [MATH 123 - Elementary Statistics](#) Credit Hours: 3 *
- ~~or~~
- ~~MATH 377 - Statistical Methods I Credit Hours: 3*~~

- *Hours may also fulfill university requirements and are not included in total major hours

Science Requirements

- [BIOL 121 - Introductory Biology I](#) Credit Hours: 3 *
- [BIOL 122 - Introductory Biology I Laboratory](#) Credit Hours: 1
- [BIOL 123 - Introductory Biology II](#) Credit Hours: 3
- [BIOL 124 - Introductory Biology II Laboratory](#) Credit Hours: 1
- [BIOL 351 - Genetics](#) Credit Hours: 3
-
- [CHEM 113 - Introductory Chemistry](#) Credit Hours: 3 *
- [CHEM 111 - Introductory Chemistry Laboratory](#) Credit Hours: 1
- or
- [CHEM 133 - General Chemistry I](#) Credit Hours: 3 *
- [CHEM 131 - General Chemistry Laboratory I](#) Credit Hours: 1
-
- *Hours may also fulfill university requirements and are not included in total major hours

Total: 27 Credit Hours

Supplement for Major

- [ACCT 210 - Financial Accounting](#) Credit Hours: 3
- [CHEM 112 - Introductory Organic and Biological Chemistry Laboratory](#) Credit Hours: 1

- [CHEM 114 - Introductory Organic and Biological Chemistry](#) Credit Hours: 3
- [FIN 416 - Personal Financial Planning](#) Credit Hours: 3

Choose 3 hours from the courses below:

-
- [ACCT 211 - Managerial Accounting](#) Credit Hours: 3
 - [MKTG 320 - Principles of Marketing](#) Credit Hours: 3

Total: 13 Credit Hours

Electives

Minimum – 2 Credit Hours

Total Major Hours: ~~72~~74

Other Graduation Requirements

Minimum GPA for graduation: 2.00

Minimum advanced hours: 33

Minimum total hours: 128

*Courses numbered 0** do not count in minimum hours required for degree.*