

Abilene Approval Chart for Curriculum Changes

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

Course Number _____ or Degree Plan(s) BA - BIOL _____

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

These changes reflect the necessary adjustments from the revision to the General Education Program

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

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	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.

Revised 8-29-22

Department/School Chair(s)	
<i>Jennifer Huddleston</i>	Feb 15, 2023
Signature	Approval date
Signature	Approval date

College Academic Council(s)	
<i>Jonathan Camp</i>	Feb 17 2023
Signature	Approval date
Signature	Approval date

Dean(s)	
<i>Gregory Smith</i>	Mar 1, 2023
Signature	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

Biology, BA (BIOL)

Bachelor of Arts Degrees (BA)

The Bachelor of Arts degree in biology serves as a professional degree for those who typically do not wish to pursue graduate work in the biomedical or laboratory sciences. It may serve as a foundation for field and ecological sciences provided a sufficient statistics course is also taken. It may serve as a solid liberal arts degree for students wishing to pursue science writing, for example.

Admission Requirements

Before being admitted to a program, a student must satisfy the requirements listed in the [ACT/SAT Placement Information](#) section of this catalog.

University Requirements

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

Major Requirements

Biology

- [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 312 - Cell Biology](#) Credit Hours: 3
- [BIOL 351 - Genetics](#) Credit Hours: 3
- [BIOL 362 - Ecology](#) Credit Hours: 3
- [BIOL 364 - Ecology Laboratory](#) Credit Hours: 1
- [BIOL 497 - Seminar in Biology](#) Credit Hours: 3 (capstone and writing-intensive course)
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- *Hours may also fulfill university requirements and are not included in total major hours

Choose 4 hours from the following:

- [BIOL 403 - Marine Biology](#) Credit Hours: 3

- [BIOL 404 - Marine Biology Laboratory](#) Credit Hours: 1
- *or*
- [BIOL 408 - General Mammalogy](#) Credit Hours: 3
- [BIOL 409 - General Mammalogy Laboratory](#) Credit Hours: 1
- *or*
- [BIOL 413 - Plant Systematics](#) Credit Hours: 3
- [BIOL 414 - Plant Systematics Laboratory](#) Credit Hours: 1
- *or*
- [BIOL 486 - Comparative Botany](#) Credit Hours: 3
- [BIOL 488 - Comparative Botany Laboratory](#) Credit Hours: 1
- *or*
- [BIOL 487 - Comparative Zoology](#) Credit Hours: 3
- [BIOL 489 - Comparative Zoology Laboratory](#) Credit Hours: 1

Choose 7 hours not previously taken from:

-
- ~~BIOA~~ *or* BIOL 300-499
 - [CHEM 453 - Biochemistry I: Foundations of Biochemistry](#) Credit Hours: 3
 - [CHEM 454 - Biochemistry II: Gene Expression](#) Credit Hours: 3
 - [CHEM 456 - Biochemistry III: Metabolism](#) Credit Hours: 2
 - [CHEM 463 - Biochemistry Laboratory I](#) Credit Hours: 1

Total: 29 Credit Hours

Supplement for Major

Chemistry

-
- [CHEM 131 - General Chemistry Laboratory I](#) Credit Hours: 1
 - and
 - [CHEM 133 - General Chemistry I](#) Credit Hours: 3 *
 -
 - [CHEM 114 - Introductory Organic and Biological Chemistry](#) Credit Hours: 3
 - [CHEM 112 - Introductory Organic and Biological Chemistry Laboratory](#) Credit Hours: 1
 - *or*
 - [CHEM 132 - General Chemistry Laboratory II](#) Credit Hours: 1
 - [CHEM 134 - General Chemistry II](#) Credit Hours: 3
 -
 - *Hours may also fulfill university requirements and are not included in total major hours

Course Concentration

Courses in another department (required CHEM and University Requirements courses are excluded) Credit Hours: 9

Foreign Language

- [FLLA 221 - Intermediate Latin I](#) Credit Hours: 3
- [FLLA 222 - Intermediate Latin II](#) Credit Hours: 3
- *or*
- [FREN 221 - Intermediate French I](#) Credit Hours: 3
- [FREN 222 - Intermediate French II](#) Credit Hours: 3
- *or*
- [GER 221 - Intermediate German I](#) Credit Hours: 3
- [GER 222 - Intermediate German II](#) Credit Hours: 3
- *or*
- [SPAN 221 - Intermediate Spanish I](#) Credit Hours: 3
- [SPAN 222 - Intermediate Spanish II](#) Credit Hours: 3

Sophomore (or higher) Literature

(Not including [ENGL 351](#)) Credit Hours: 3

Statistics

- [MATH 123 - Elementary Statistics](#) Credit Hours: 3*
- *or*
- [MATH 377 - Statistical Methods I](#) Credit Hours: 3
- *or*
- [BIOL 483 - Biostatistics](#) Credit Hours: 3

Total: ~~26~~20-23 Credit Hours

Electives

Minimum - ~~17~~22-25 Credit Hours

Total Major Hours: ~~72~~74

Other Graduation Requirements

Minimum GPA in major: 2.00

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.*