

Abilene Approval Chart for Curriculum Changes

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

Course Number _____ or Degree Plan(s) BS - BIOT - BTCS
 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 or 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

	Change to the University Requirements (All Campuses)	Dept./School ¹	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)	
<u>Jennifer Huddleston</u>	<u>Feb 15, 2023</u>
<i>Signature</i>	<i>Approval date</i>
<i>Signature</i>	<i>Approval date</i>

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

Dean(s)	
<u>Hejira Harty</u>	<u>Mar 1, 2023</u>
<i>Signature</i>	<i>Approval date</i>
<i>Signature</i>	<i>Approval date</i>

Teacher Education Council	
<u>Stephanie Talley</u>	<u>6/1/23</u>
<i>Chair's signature</i>	<i>Approval date</i>

University General Education Council	
<i>Chair's signature</i>	<i>Approval date</i>

Abilene Undergraduate Academic Council	
<i>Chair's signature</i>	<i>Approval date</i>

Graduate Council	
<i>Chair's signature</i>	<i>Approval date</i>

Provost	
<i>Signature</i>	<i>Approval date</i>

Faculty	
<i>Chair of Faculty Senate</i>	<i>Approval date</i>

President	
<i>Signature</i>	<i>Approval date</i>

High School Teacher Certification - Composite Sciences - Biology, BS (BIOT- BTCS)

BS: High School Teacher Certification

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 355 - Microbiology](#) Credit Hours: 3
- [BIOL 357 - Microbiology Laboratory](#) Credit Hours: 1
- [BIOL 362 - Ecology](#) Credit Hours: 3
- [BIOL 364 - Ecology Laboratory](#) Credit Hours: 1
- [BIOL 401 - Secondary Science Teaching Methods](#) Credit Hours: 3
- [BIOL 497 - Seminar in Biology](#) Credit Hours: 3
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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 4 hours not previously taken from:

- ~~BIOL~~ [BIOL 300-499](#).

Total: 33 Credit Hours

Supplement for Major

Biology Teaching Composite Sciences - Grades 7-12

- [CHEM 133 - General Chemistry I](#) Credit Hours: 3 *
- [CHEM 131 - General Chemistry Laboratory I](#) Credit Hours: 1
- [CHEM 134 - General Chemistry II](#) Credit Hours: 3
- [CHEM 132 - General Chemistry Laboratory II](#) Credit Hours: 1
- [CHEM 223 - Organic Chemistry I](#) Credit Hours: 3
- [CHEM 221 - Organic Chemistry Laboratory I](#) Credit Hours: 1
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- [PHYS 110 - General Physics I](#) Credit Hours: 3
- [PHYS 111 - General Physics I Laboratory](#) Credit Hours: 1
- *or*
- [PHYS 220 - Engineering Physics I](#) Credit Hours: 3
- [PHYS 221 - Engineering Physics I Laboratory](#) Credit Hours: 1
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- [PHYS 112 - General Physics II](#) Credit Hours: 3
- [PHYS 113 - General Physics II Laboratory](#) Credit Hours: 1
- *or*
- [PHYS 222 - Engineering Physics II](#) Credit Hours: 3
- [PHYS 223 - Engineering Physics II Laboratory](#) Credit Hours: 1

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- [MATH 124 - Precalculus II](#) Credit Hours: 3 *
- *or*
- [MATH 131 - Calculus for Application](#) Credit Hours: 3 *
- *or*
- [MATH 185 - Calculus I](#) Credit Hours: 3 *
-
- *Hours may also fulfill university requirements and are not included in total major hours

Total: 17 Credit Hours

Professional Education Requirements

- [EDUC 211 - Introduction to Education: Culture and Contexts](#) Credit Hours: 3 *
- [EDUC 412 - Secondary Curriculum and Media](#) Credit Hours: 3 (capstone course)
- [EDUC 432 - Secondary Management and Methods](#) Credit Hours: 3 (writing-intensive and capstone course)
- [EDUC 476 - Effective Teaching Strategies for English Learners](#) Credit Hours: 3
- [EDUC 490 - Clinical Teaching](#) Credit Hours: 6 (capstone course)
- [READ 322 - Disciplinary Literacies](#) Credit Hours: 3
- [SPED 371 - Teaching Students with Special Needs](#) Credit Hours: 3

Choose 1 of the following courses:

- [EDUC 221 - Educational Psychology](#) Credit Hours: 3 *
- [PSYC 232 - Developmental Psychology](#) Credit Hours: 3 *
- [PSYC 241 - Cognition and Learning](#) Credit Hours: 3
-
- *Hours may also fulfill university requirements and are not included in total major hours

Total: 21-24 Credit Hours

Electives

Minimum - 0-~~13~~ Credit Hours

Total Major Hours: 72-74

Criteria for Admission to Teacher Education

In accordance with Texas state law, students must meet the [admission criteria](#).

Other Graduation Requirements

Minimum grade for majors courses: C

Minimum GPA for graduation: 2.75

Minimum advanced hours: 33

Minimum total hours: 128

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