

Abilene Approval Chart for Curriculum Changes

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

Course Number _____ or Degree Plan(s) BS - BIOL - BICM

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, Cellular/Molecular Biology, BS (BIOL-BICM)

BS: Biology Degree Plan (BIOL)

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 351 - Genetics](#) Credit Hours: 3
- [BIOL 362 - Ecology](#) Credit Hours: 3
- [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

Total: 14 Credit Hours

Cellular/Molecular Biology Track (BICM)

- [BIOL 312 - Cell Biology](#) Credit Hours: 3
- [BIOL 472 - Biochemistry I: Foundations of Biochemistry](#) Credit Hours: 3
- [BIOL 475 - Molecular Genetics](#) Credit Hours: 3
- [BIOL 476 - Biotechnology](#) Credit Hours: 3

Choose 1 hour from the following:

- [BIOL 346 - Range and Wildland Plants Laboratory](#) Credit Hours: 1
- [BIOL 364 - Ecology Laboratory](#) Credit Hours: 1
- [BIOL 404 - Marine Biology Laboratory](#) Credit Hours: 1
- [BIOL 409 - General Mammalogy Laboratory](#) Credit Hours: 1
- [BIOL 414 - Plant Systematics Laboratory](#) Credit Hours: 1

Choose 3 hours from the following:

- [BIOL 403 - Marine Biology](#) Credit Hours: 3
- [BIOL 408 - General Mammalogy](#) Credit Hours: 3
- [BIOL 413 - Plant Systematics](#) Credit Hours: 3
- [BIOL 486 - Comparative Botany](#) Credit Hours: 3
- [BIOL 487 - Comparative Zoology](#) Credit Hours: 3

Choose 9 hours from the following:

- [BIOL 313 - Cell Biology Laboratory](#) Credit Hours: 1
- [BIOL 330 - Neurobiology](#) Credit Hours: 3
- [BIOL 355 - Microbiology](#) Credit Hours: 3
- [BIOL 357 - Microbiology Laboratory](#) Credit Hours: 1
- [BIOL 399 - Biology Research](#) Credit Hours: 3
- [BIOL 454 - Immunology](#) Credit Hours: 3
- [BIOL 488 - Comparative Botany Laboratory](#) Credit Hours: 1
- [BIOL 489 - Comparative Zoology Laboratory](#) Credit Hours: 1
- [BIOL 498 - Cancer Biology](#) Credit Hours: 3
- [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: 25 Credit Hours

Supplement for Major

Chemistry

- [CHEM 133 - General Chemistry I](#) Credit Hours: 3 *
- [CHEM 131 - General Chemistry Laboratory I](#) 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

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

Physics

- [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

Mathematics

- [MATH 131 - Calculus for Application](#) Credit Hours: 3 *
- *or*
- [MATH 185 - Calculus I](#) Credit Hours: 3 *
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- [MATH 123 - Elementary Statistics](#) Credit Hours: 3
- *or*
- [MATH 377 - Statistical Methods I](#) Credit Hours: 3
- *or*
- [BIOL 483 - Biostatistics](#) Credit Hours: 3
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- *Hours may also fulfill university requirements and are not included in total major hours

Total: 24 Credit Hours

Electives

Minimum - 9-11 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.*