

Abilene Approval Chart for Curriculum Changes

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

Course Number: _____ **or Degree Plan(s):** Biology BA (BIOL)

Short description: _____

		Dept./School	College	Dean	TEC	AUAC/Grad	Provost
	Campus-Level Academic Review¹						
	Change to a Course Include signatures from all chairs/program directors for cross-listed courses. ¹						
1.	Title (description unchanged)	A	A	A	I	I	I
2.	Description (not affecting content)	A	A	A	I	I	I
3.	Course term(s)	A	I	A	I	I	I
4.	Content (change of course outcomes)	A	A	A	I	I	A
5.	Number of credit hours	A	A	A	A	A	A
6.	Course number within the hundred	A	A	I	I	I	I
7.	Course number beyond the hundred	A	A	A	A	A	A
8.	Prerequisites	A	A	A	I	I	I
9.	Course restriction (e.g., majors only, junior standing)	A	A	A	A	A	A
10.	Level change (U to G or G to U)	A	A	A	A	A	A
11.	Cross list course	A	A	A	A	A	A
12.	Department of record	A	A	A	A	A	A
13.	Open or close a course	A	A	A	A	A	A
	Change to a Degree Plan						
14.	Educational Program — Revise	A	A	A	A	A	A
15.	Educational Program — Adopt/revise admission requirements	A	A	A	A	A	A
16.	GPA — Revise program-required GPA	A	A	A	A	A	A
17.	Minor — Revise	A	A	A	A	A	A

		Dept./School	College	Dean	TEC	AUAC/Grad	Provost	Campus Faculty	Senior VPAA	President
	Full Review									
	Change to Catalog Information (for Campus)									
18.	General requirements for Bachelor's and Associate Degrees	-	-	-	-	A	A	A	A	I
19.	Policies governing academic probation and suspension	-	-	-	-	A	A	A	A	I
20.	Requirements for graduating with honors	-	-	-	-	A	A	A	A	I
	Change to a Degree Plan									
21.	Educational Program — Add or Discontinue ^{2 3}	A	A	A	A	A	A	A	A	I
22.	Educational Program — Discontinue (Provost-proposed)	R	-	R	A	A	A	A	A	I
23.	Minor — Add or Discontinue	A	A	A	A	A	A	-	A	I
24.	Minor — Discontinue (Provost-proposed)	R	-	R	A	A	A	-	A	I
25.	Degree — Add or Discontinue	A	A	A	A	A	A	A	A	I
26.	Degree — Discontinue (Provost-proposed)	R	-	R	A	A	A	A	A	I

		Dept./School	College	Dean	TEC	AUAC/Grad	Provost	Campus Faculty	Senior VPAA	President
	Change to General Education Requirements for Undergraduates (System)									
27.	Change course outcomes of an included course	A	A	A	A	A	A	-	A	I
28.	Add or drop a required course from the General Education Requirements	A	-	A	-	A	A	A	A	I
29.	Add or drop a course from a menu within the General Education Requirements	A	-	A	-	A	A	-	A	I
30.	Comprehensive revision of General Education Requirements	-	-	-	-	A	A	A	A	I

Notes

² Any change to a cross-listed course requires the signature of both department chairs or program directors overseeing the course to ensure that the courses stay in sync. This includes courses taught at other campuses (e.g., BIBL 101 and BIBO 101).

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. Master's programs must include a minimum of 30 hours, and doctoral programs must include a minimum of 30 hours beyond the master's.

⁴ When a department/school or dean proposes closing a program, approval routing follows the typical process beginning with the department/school. An administrative proposal by the provost or senior vice president for academic affairs would follow the "provost-proposed" routing on the chart.

Jennifer Huddleston

Department/School(s)

3/1/24

Chair Signature

Date

Chair/Program Director Signature

Date

Charles Minter

College Academic Council(s)

3/25/24

Chair Signature

Date

Chair Signature

Date

Charles Minter

Dean(s)

3/25/24

Signature

Date

Signature

Date

Teacher Education Council

Signature

Date

Campus Academic Council:
Abilene Undergraduate or Abilene Graduate

Signature

Date

Provost

Signature

Date

University General Education Council

Signature

Date

University Faculty

Abilene Faculty Senate Chair signature

Date

Dallas Faculty Council Chair signature

Date

Senior Vice President for Academic Affairs

Signature

Date

President

Signature

Date

Date: March 1, 2024

To: Council Members and Administrators

From: Jennifer Huddleston, Chair of the Department of Biology

The Department of Biology seeks to make changes in our degree plan for Biology, BA (BIOL). A table is included at the end of this memo summarizing these changes. The following is a rationale for each of the proposed changes.

First, we are proposing that an experiential learning component be added to each of our degree plans. This wording is:

Experiential Learning

Students are required to complete an experiential learning component.

Choose one option from the list below:

BIOL 493 - Human Anatomy Laboratory Credit Hours: 1 ^

BIOL 357 - Microbiology Laboratory Credit Hours: 1 ^

BIOL 364 - Ecology Laboratory Credit Hours: 1 ^

BIOL 498 - Cancer Biology Credit Hours: 3 ^

BIOL 399 - Biology Research Credit Hours: 1-3 ^

PHP 308 - Global Healthcare Credit Hours: 3 ^

^Hours fulfill either general education or major requirements and are not counted a second time for this requirement.

Total: 0 Credit Hours

Second, we are proposing to move a block of organismal diversity classes referred to as "BIOL selection" in Degree Works, to a larger, already existing menu of upper level BIOL courses in the degree plans. This will allow greater flexibility for our students when choosing courses.

Organismal Diversity Classes:

- 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

Third, we propose that the programs with choose "BIOL 300-499" courses be clarified to exclude BIOL 353 and BIOL 354 General Microbiology lecture and lab courses. These two courses are non-majors courses and are not appropriate for majors.

Program	Add ELDP	Move Organismal Diversity Classes	Exclude BIOL 353 and BIOL 354
Biology, BA (BIOL)	X	X	X

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.

General Education Requirements

Please see the [General Education](#) 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)

*Hours may also fulfill general education requirements and are not included in total major hours

Choose **11** hours not previously taken from:

- BIOL 300-499, **excluding BIOL 353 and BIOL 354**
- [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

Experiential Learning

Students are required to complete an experiential learning component.

Choose one option from the list below:

BIOL 493 - Human Anatomy Laboratory Credit Hours: 1 ^

BIOL 357 - Microbiology Laboratory Credit Hours: 1 ^

BIOL 364 - Ecology Laboratory Credit Hours: 1 ^

BIOL 498 - Cancer Biology Credit Hours: 3 ^

BIOL 399 - Biology Research Credit Hours: 1-3 ^

PHP 308 - Global Healthcare Credit Hours: 3 ^

^Hours fulfill either general education or major requirements and are not counted a second time for this requirement.

Total: 0 Credit Hours

Supplement for Major

Chemistry

[CHEM 131 - General Chemistry Laboratory I](#) Credit Hours: 1

and

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

Deleted: 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

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[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 general education requirements and are not included in total major hours

Course Concentration

Courses in another department (required CHEM and General Education 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

Statistics

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

*Hours may also fulfill general education requirements and are not included in total major hours

Total: 20-23 Credit Hours

Electives

Minimum - 22-25 Credit Hours

Total Major Hours: 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.*

