

Approval Chart for Curriculum Changes

A = Approve I= Information Item¹ R= Advise & Respond²

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

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

This request is to make Marine Biology and Marine Biology Lab (BIOL 403 & 404) one of the options on the four-hour Biology selection menu of the BS-BIOT Biology degree plan. This will be in effect for both tracks - BS-Life Science for Certification (Grades 7-12) (BIOT-BIOT) and BS-Composite Science Certification with an Emphasis in Life Science (Grades 7-12) (BIOT-BTCS).

Circle the number that corresponds to the requested change. Degree plan changes are on the second page.

				COUNCIL ³						
	Change to a Course	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	President
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 (substantive change)	A	A	A	I				A	I
5.	Number of hours (lecture, lab, contact)	A	A	A	A				A	I
6.	Course number within the hundred	A	A	I	I				I	I
7.	Course number beyond the hundred	A	A	A	A				A	I
8.	Prerequisites	A	A	A	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	I
11.	Cross list with another department: U or G level	A	A	A	A				A	I
12.	Department of record	A	A	A	A				A	I
13.	Open or close a course	A	A	A	A				A	I
14.	New course -- See website for application and process. This change includes combining or splitting a course(s).	A	A	A	A				A	I

Note: 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.

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COUNCIL ³												
	Change to a Degree Plan	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	Faculty	President	Board of Trustees
1.	University Requirements — Change in approved course content ⁶	A	A	A	A				A	--	A	--
2.	University Requirements — Add or drop a required course from the University Requirements chart ⁶	A	A	A	A				A	A	A	--
3.	University Requirements — Add or drop a course from a menu within the University Requirements ⁶	A	--	--	A				A	--	A	--
4.	University Requirements — Change hours within a menu on the University Requirements chart ⁶	A	A	A	A				A	A	A	--
5.	Major — Revision of major ^{4,5}	A	A	A	A				A	--	A	--
6.	Major — Adopt or change admission requirements	A	A	A	A				A	--	A	--
7.	Major — Add ^{4,5}	A	A	A	A				A	A	A	I
8.	Major – Discontinue (proposed by the department or college)	A	A	A	A				A	A	A	I
9.	Major – Discontinue (proposed by the Provost)	See below.										
10.	GPA — Revise major or cumulative requirement	A	A	A	A				A	A	A	--
11.	Minor — Revise course selection	A	A	A	I				I	--	I	--
12.	Minor — Add	A	A	A	A				A	--	A	--
13.	Minor – Discontinue (proposed by the department or college)	A	A	A	A				A	--	A	--
14.	Minor – Discontinue (proposed by the Provost)	See below.										
15.	Degree — Add	A	A	A	A				A	A	A	I
16.	Degree – Discontinue (proposed by the department or college)	A	A	A	A				A	A	A	I
17.	Degree – Discontinue (proposed by the Provost)	See below.										
18.	Any change to a graduate degree program	A	A	A	A				A	--	A	--

		COUNCIL ³								Board of Trustees
Provost-Proposed Change		Provost	Department	Dean	TEC	UUAC	Graduate	Faculty	President	
1.	Major/Graduate Program — Discontinue (proposed by the Provost)	A	R	R		A		A	A	I
2.	Minor — Discontinue (proposed by the Provost)	A	R	R		A		--	A	--
3.	Degree — Discontinue (proposed by the Provost)	A	R	R		A		A	A	I

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COUNCIL ³										
	Change to the Catalog Information	Dept./School	College Academic	Deans	UGEC	UUAC	GRAD	Provost	Faculty	President
1.	General requirements for graduation including course requirements that are common to all majors for all degrees ⁷	--	--	--		A		A	A	A
2.	Admission requirements	--	--	--		A		A	A	A
3.	Policies governing academic probation and suspension	--	--	--		A		A	A	A
4.	Requirements for graduating with honors	--	--	--		A		A	A	A

¹ Councils may request additional information about "Information" items. These items are approved as "Consent Agenda."

² The Dean and Department should respond to the Provost's recommendation to close a program in writing. Advise & Respond (R) requires that the voting body should receive the written responses at least one week prior to the vote.

³ All courses that meet University Requirements for general education must go through UGEC. Courses or degrees offered only to students seeking teacher certification must go through the Teacher Education Council. All undergraduate changes must go before the UUAC. All graduate degree plan changes must go through the Graduate Council.

⁴ A minimum of 30 hours is required for a major. A maximum is specified for each degree (e.g., BA, BS). The university minimum for elective hours is 6, unless the requirements of external accrediting bodies make it impossible.

⁵ Program or course changes that apply to any major that includes Teacher Certification will be reviewed by the college, the Teacher Education Council (TEC), and then the UUAC.

⁶ Courses that satisfy ACU's University Requirements (General Education) 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.

⁷ The UUAC approved the clarification that "general requirements for graduation" means the enumerated items in the "General Requirements for Bachelor's Degrees" section of the catalog.

Revised 8-26-19

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)	
<u>Jennifer Huddleston</u> Signature	<u>October 4, 2021</u> Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
<u>[Signature]</u> Signature	<u>Nov 10 2021</u> Approval date
_____ Signature	_____ Approval date

Dean(s)	
<u>[Signature]</u> Signature	<u>Nov 10 2021</u> Approval date
_____ Signature	_____ Approval date

Teacher Education Council	
<u>Dana Kennamer</u> Dana Kennamer (Dec 1, 2021 14:49 CST) Chair's signature	<u>Dec 1, 2021</u> Approval date

General Education Council	
_____ Chair's signature	_____ Approval date

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

Abilene Christian University

2021-2022 Catalog

High School Teacher Certification - Life Science, BS (BIOT-BIOT)

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

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

Choose 4 hours from the following:

- [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

or **BIOL 403 - Marine Biology Credit Hours: 3**
BIOL 404 - Marine Biology Laboratory Credit Hours: 1

Choose 4 hours not previously taken from:

- BIOC or BIOL 300-499.

Total: 33 Credit Hours

Supplement for Major

Biology Teaching Life 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

- [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: 5 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 - Reading in Secondary Content Areas](#) 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 - 10-13 Credit Hours

Total Major Hours: 72

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.*

Abilene Christian University

2021-2022 Catalog

High School Teacher Certification - Composite Sciences, 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

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

Choose 4 hours from the following:

- | | | |
|---|-----------|---|
| • BIOL 408 - General Mammalogy Credit Hours: 3 | or | BIOL 403 - Marine Biology Credit Hours: 3 |
| • BIOL 409 - General Mammalogy Laboratory Credit Hours: 1 | | BIOL 404 - Marine Biology 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:

- BIOA or 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

- [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

- [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

- [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 - Reading in Secondary Content Areas](#) 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 - 0-1 Credit Hour

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.*
