

Abilene Approval Chart for Curriculum Changes

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

Course Number: _____ **or Degree Plan(s):** BCH-BCBS

A new course in Medicinal Chemistry is being proposed. We would like to add CHEM 430 to the menu for selection of an upper level chemistry or biochemistry courses in the B.S. Biochemistry, Biomedical Science - BCH-BCBS.

		De pt./ Sch ool	Coll ege	Dea n	TEC	AU AC/ Gra d	Pro vos t
	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

		De pt. /Sc hol	Col leg e	De an	TE C	AU AC /Gr ad	Pro vos t	Ca mp us Fac ult y	Se nio r VP AA	Pre sid ent
	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

	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.

Department/School(s)



11/1/23

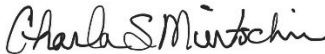
Chair Signature

Date

Chair/Program Director Signature

Date

College Academic Council(s)



1/2/2024

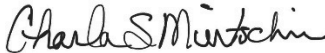
Chair Signature

Date

Chair Signature

Date

Dean(s)



1/2/2024

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

Biochemistry, Biomedical Science, BS (BCH-BCBS)

Major Requirements

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
- [CHEM 423 - Chemistry and Biochemistry Seminar](#) Credit Hours: 3 (capstone and writing-intensive course)
- [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

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

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

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

Total: 33 Credit Hours

Supplement for Major

Biomedical Science Track (BCBS)

- [CHEM 355 - Analytical Chemistry I](#) Credit Hours: 4
- *or*
- [CHEM 356 - Analytical Chemistry II](#) Credit Hours: 4

- [CHEM 413 - Physical Chemistry/Life Sciences](#) Credit Hours: 3

- [MATH 131 - Calculus for Application](#) Credit Hours: 3 *
- *or*
- [MATH 185 - Calculus I](#) Credit Hours: 3 *

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

- [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

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

Choose 6 hours from:

- [BIOL 313 - Cell Biology Laboratory](#) Credit Hours: 1
- [BIOL 330 - Neurobiology](#) Credit Hours: 3
- [BIOL 351 - Genetics](#) Credit Hours: 3
- [BIOL 355 - Microbiology](#) Credit Hours: 3
- [BIOL 357 - Microbiology Laboratory](#) Credit Hours: 1
- [BIOL 454 - Immunology](#) Credit Hours: 3
- [BIOL 475 - Molecular Genetics](#) Credit Hours: 3
- [BIOL 480 - Histology](#) Credit Hours: 3
- [BIOL 484 - Developmental Biology](#) Credit Hours: 3
- [BIOL 491 - Human Anatomy](#) Credit Hours: 3
- [BIOL 493 - Human Anatomy Laboratory](#) Credit Hours: 1
- [BIOL 492 - Physiology](#) Credit Hours: 3

- [BIOL 495 - Physiology Laboratory](#) Credit Hours: 1
- [BIOL 498 - Cancer Biology](#) Credit Hours: 3

Choose 9 hours not previously taken from:

- [CHEM 341 - Environmental Chemistry](#) Credit Hours: 3
- [CHEM 355 - Analytical Chemistry I](#) Credit Hours: 4
- [CHEM 356 - Analytical Chemistry II](#) Credit Hours: 4
- [CHEM 375 - Molecular Modeling and Computational Chemistry](#) Credit Hours: 3
- [CHEM 393 - Introduction to Research](#) Credit Hours: 1-3
- **[CHEM 430 – Medicinal Chemistry](#) Credit Hours: 3**
- [CHEM 443 - Inorganic Chemistry](#) Credit Hours: 3
- [CHEM 483 - Polymer Chemistry](#) Credit Hours: 4
- [BIOL 313 - Cell Biology Laboratory](#) Credit Hours: 1
- [BIOL 330 - Neurobiology](#) Credit Hours: 3
- [BIOL 351 - Genetics](#) Credit Hours: 3
- [BIOL 355 - Microbiology](#) Credit Hours: 3
- [BIOL 357 - Microbiology Laboratory](#) Credit Hours: 1
- [BIOL 454 - Immunology](#) Credit Hours: 3
- [BIOL 475 - Molecular Genetics](#) Credit Hours: 3
- [BIOL 480 - Histology](#) Credit Hours: 3
- [BIOL 484 - Developmental Biology](#) Credit Hours: 3
- [BIOL 491 - Human Anatomy](#) Credit Hours: 3
- [BIOL 493 - Human Anatomy Laboratory](#) Credit Hours: 1
- [BIOL 492 - Physiology](#) Credit Hours: 3
- [BIOL 495 - Physiology Laboratory](#) Credit Hours: 1
- [BIOL 498 - Cancer Biology](#) Credit Hours: 3

Total: 33 Credit Hours

Electives

Minimum - 8 Credit Hours

Total Major Hours: 74