

Abilene Approval Chart for Curriculum Changes

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

Course Number: _____ **or Degree Plan(s):** **High School Teacher Certification - Computer Science and Mathematics, BS (CSMT)**

MATH deleted MATH 187, which is required for Computer Science and Mathematics, BS (CSMT) track. So we need to update that track to require MATH 278 instead of MATH 187.

		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 ²³	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	AUAC	Provost	UGEC	University 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.

Updated 8/1/2023

	Department/School(s)	04/08/2026
Chair Signature		Date

Chair/Program Director Signature	Date
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 Arisoa Randrianasolo (Apr 8, 2026 21:58:13 CDT)	College Academic Council(s)	04/08/2026
Chair Signature		Date

Chair Signature	Date
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	Dean(s)	
	04/09/2026	
Signature	Date	

Signature	Date
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	Teacher Education Council	04/14/2026
Signature		Date

Campus Academic Council:
Abilene Undergraduate or Abilene Graduate

Signature	Date
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	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

High School Teacher Certification - Computer Science and Mathematics, BS (CSMT)

General Education Requirements

Please see the [General Education](#) section of this catalog.

Major Requirements

Computer Science

- [CS 120 - Programming I](#) Credit Hours: 3
- [CS 130 - Programming II: Data Structures](#) Credit Hours: 3
- [CS 230 - Object-Oriented Programming](#) Credit Hours: 3
- [CS 332 - Design and Analysis of Algorithms](#) Credit Hours: 3
- [IT 220 - Introduction to Databases and Database Management Systems](#) Credit Hours: 3

Choose 9 hours from the following:

- CS 300-499
- IT 300-499
- ITC 300-499

Total: 24 Credit Hours

Major Selection or Concentration

Mathematics

[MATH 185 - Calculus I](#) Credit Hours: 3 *

[MATH 186 - Calculus II](#) Credit Hours: 3

~~MATH 187 - Calculus Computer Laboratory Credit Hours: 4~~

MATH 278 - Computational Mathematics Lab Credit Hours: 1

[MATH 227 - Discrete Mathematics](#) Credit Hours: 3

[MATH 286 - Calculus III](#) Credit Hours: 3

[MATH 309 - Algebraic Concepts for Teachers I](#) Credit Hours: 3

[MATH 311 - Geometric Concepts for Teachers I](#) Credit Hours: 3

[MATH 325 - Linear Algebra](#) Credit Hours: 3

[MATH 377 - Statistical Methods I](#) Credit Hours: 3

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

Total: 22 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
- [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 Exceptional Students](#) 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 general education requirements and are not included in total major hours

Total: 21-24 Credit Hours

Electives

Minimum - 4-7 Credit Hours

Total Major Hours: 74

Criteria for Admission to Teacher Education

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

Other Graduation Requirements

Minimum GPA in major: 2.75

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.*