

Abilene Approval Chart for Curriculum Changes

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

Course Number or Degree Plan(s) Teacher Certification – Computer Science / Math (CSMT)____
 State the requested change and reason. A memo may be attached if more space is necessary.

Revise the High School Teacher Certification – Computer Science and Mathematics degree plan to reflect changes regarding which math classes can count toward the university requirements

Indicate the requested change.

	Change to a Course	Dept./School	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 or 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

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

	Change to the University Requirements (All Campuses)	Dept./School ¹	College	Dean	TEC	UGEC	AVAC/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.

Department/School Chair(s)	
<u>John Homer</u>	<u>10/31/22</u>
Signature	Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
<u>Kyle Jipkens</u>	<u>4/4/23</u>
Signature	Approval date
_____ Signature	_____ Approval date

Dean(s)	
<u>[Signature]</u>	<u>April 6, 2023</u>
Signature	Approval date
_____ Signature	_____ Approval date

Teacher Education Council	
<u>Stephanie Talley</u>	<u>5/1/23</u>
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

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

University Requirements

Please see the [University Requirements](#) 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: 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 university requirements and are not included in total major hours

Total: ~~19~~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 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 - ~~5-84~~-7 Credit Hours

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 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.*