

Abilene Approval Chart for Curriculum Changes

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

Course Number or Degree Plan(s) Computer Science – Software Engineering (CS-SE) _____

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

1. Revise the Computer Science – Software Engineering concentration to reflect changes in university requirements, remove ITC 250 as a required course, and alter concentration menu to specify IT 300-499 (replace IT 200-499)

Indicate the requested change.

	Change to a Course	Dept./School ¹	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

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	Change to the University Requirements (All Campuses)	Dept./School ¹	College	Dean	TEC	UGEC	AUAC/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 Taylor</u>	<u>4/4/2023</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	
_____	_____
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

Computer Science, Software Engineering, BS (CS-SE)

Major Requirements

CS 120 - Programming I [3]
CS 130 - Programming II: Data Structures [3]
ENGR 210 - Digital Logic [3]
CS 230 - Object-Oriented Programming [3]
CS 332 - Design and Analysis of Algorithms [3]
CS 374 - Software Engineering [3]
IT 220 - Introduction to Databases and Database Management Systems [3]
IT 221 - Fundamentals of Networking and Data Communications [3]
IT 310 - Introduction to Computer and Information Security [3]
ITC 110 - Introduction to Information, Technology, and Computing [3]
ITC 125 - Introduction to Human-Computer Interaction [3] *
~~ITC 250 - History of Computing [3] *†~~
ITC 480 - Reflections on Faith and Work [3] (capstone and writing-intensive course)

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

Select 3 hours from the following:

ITC 399 - ITC Research [3]
ITC 499 - Information, Technology, and Computing Internship [3]

Total: 36 Credit Hours

Software Engineering (SE)†

CS 330 - Human-Computer Interaction [3]
CS 352 - Programming Languages [3]
CS 375 - Software Engineering II [3]

Select 3 hours from:

CS 315 - Mobile Application Development [3]
CS 316 - Mobile Game Development [3]
CS 356 - Operating Systems [3]
CS 467 - Introduction to Artificial Intelligence [3]
IT 325 - Web Application Development [3]
IS 432 - Data Mining [3]

Select 12 hours from:

CS 200-499
DET 200-499
IT ~~200~~300-499
ITC 200-499
IS 300-499
ENGR 422 - Embedded Systems [3]
BLAW 363 - Legal Environment of Business [3]
MATH 186 - Calculus II [3]
MATH 286 - Calculus III [3]

MATH 325 - Linear Algebra [3]
MATH 334 - Linear Programming [3]
MATH 351 - Abstract Algebra 1 [3]
MATH 432 - Introduction to Operations Research [3]



Total: 24 Credit Hours

Supplement for Major

MATH 185 - Calculus I [3] **
MATH 227 - Discrete Mathematics [3] **
MATH 377 - Statistical Methods I [3]

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

Total: ~~3~~6 Credit Hours

Electives

Minimum - ~~9~~8 Credit Hours

Total Major Hours: ~~72~~74

Other Graduation Requirements

Minimum grade of C in CS 120, CS 130, CS 230; IT 220, IT 221; MATH 227
Minimum GPA in major and concentration courses: 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.