

Abilene Approval Chart for Curriculum Changes

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

Course Number _____ or Degree Plan(s) BA-MATH APMA

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

Requesting degree plan changes that necessarily follow from the revision to ACU's newly approved General Education Program.

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./School¹	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.

Revised 8-29-22

Department/School Chair(s)	
<u><i>D. L. L.</i></u>	Feb 1, 2023
Signature	Approval date
Signature	Approval date

College Academic Council(s)	
<u><i>Jonathan Camp</i></u>	Feb 8, 2023
Signature	Approval date
Signature	Approval date

Dean(s)	
<u><i>[Signature]</i></u>	Feb 15, 2023
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

Mathematics, Applied Mathematics, BA (MATH-APMA)

B.A. Mathematics Degree Plan (MATH)

Admission Requirements Before being admitted to a program, a student must satisfy the requirements listed in the [ACT/SAT Placement Information](#) section of this catalog. Students planning to use the BA in mathematics as a basis for entering the teaching profession at the high school level should refer to the [Department of Teacher Education](#) for a list of admission requirements to the Teacher Education Program.

University Requirements

Please see the [University Requirements](#) section of this catalog.

Major Requirements

Mathematics

- [MATH 101 - Introduction to the Math Major](#) Credit Hours: 2
- [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 325 - Linear Algebra](#) Credit Hours: 3
- [MATH 377 - Statistical Methods I](#) Credit Hours: 3
- [MATH 397 - Mathematics Seminar](#) Credit Hours: 2
- [MATH 497 - Mathematics Capstone](#) Credit Hours: 2 (capstone and writing-intensive course)
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- *Hours may also fulfill university requirements and are not included in total major hours

Total: 19 Credit Hours

Other Required Courses

- ~~Sophomore (or higher) Literature Credit Hours: 3~~
- ~~FLLA 221 - Intermediate Latin I~~ Credit Hours: 3
- FLLA 222 - Intermediate Latin II Credit Hours: 3
- or
- FREN 221 - Intermediate French I Credit Hours: 3
- FREN 222 - Intermediate French II Credit Hours: 3
- or
- GER 221 - Intermediate German I Credit Hours: 3
- GER 222 - Intermediate German II Credit Hours: 3
- or
- SPAN 221 - Intermediate Spanish I Credit Hours: 3
- SPAN 222 - Intermediate Spanish II Credit Hours: 3

Total: 9-6 Credit Hours

Applied Mathematics Track (APMA)

- MATH 351 - Abstract Algebra I Credit Hours: 3
- or
- MATH 381 - Analysis I Credit Hours: 3
-
- MATH 477 - Statistical Methods II Credit Hours: 3

Choose 2 courses from the following:

- MATH 334 - Linear Programming Credit Hours: 3
- MATH 361 - Ordinary Differential Equations Credit Hours: 4
- MATH 432 - Introduction to Operations Research Credit Hours: 3
- MATH 445 - Theory of Interest Credit Hours: 3
- MATH 463 - Partial Differential Equations Credit Hours: 3

Advanced Mathematics Selection

- (Excluding MATH 309, MATH 311, MATH 410, and MATH 412) Credit Hours: 3

Total: 15 Credit Hours

Supplement for Major

Computer Science

- [CS 120 - Programming I](#) Credit Hours: 3

Minor or Departmental Supplement

A minor or 18 hours specified by a department (at least 6 hours must be advanced)

Total: 21 Credit Hours

Electives

Minimum - ~~9~~13 Credit Hours

Total Major Hours: ~~72~~74

Other Graduation Requirements

Minimum GPA in major requirements: 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.