

Abilene Approval Chart for Curriculum Changes

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

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

This proposal is submitted to make changes to the catalog description of the BA MATH Applied Mathematics degree changing MATH 187 to MATH 278.

		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)	
<i>John Ehrke</i>	02/06/2026
Chair Signature	Date
Chair/Program Director Signature	Date
College Academic Council(s)	
<i>Kathleen Ren</i>	03/19/2026
Chair Signature	Date
Chair Signature	Date
Dean(s)	
<i>Charles Minter</i>	3/30/2026
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

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 [School of Education](#) for a list of admission requirements to the Teacher Education Program.

General Education Requirements

Please see the [General Education](#) 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 278 - Computational Mathematics Lab](#) 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)

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

Total: 19 Credit Hours

Other Required Courses

- [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: 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 361 - Ordinary Differential Equations](#) Credit Hours: 4
- [MATH 371 - Combinatorics and Graph Theory](#) 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 - 13 Credit Hours

Total Major Hours: 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.*
