

Approval Chart for Curriculum Changes

A = Approve I= Information Item¹ R= Advise & Respond²

Course Number _____ or Degree Plan(s) SEE BELOW **BA MATH**

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

Request that all the degree plan changes, pursuant to the passing of MATH 101, be taken as one voting item. The rationale for this request are included below.

The degree plans in question are:

- BA Pure Mathematics – (BA MATH – PURE)
- BA Applied Mathematics – (BA MATH-APMA)
- BS Mathematics – (BS MATH)
- BS Mathematics, Actuarial Science (BS MATH-MASC)
- BS Mathematics for Grades 7-12 Teacher Certification (BS MATT)

Each of these degree plans is subject to change under the addition of the proposed course MATH 101 – Introduction to the Math Major. The changes each degree plan is subject to are uniform: 2 hours will be taken from each degree to make room for the 2 hours needed to offer MATH 101. MATH 101 is included in the core mathematics requirements for each degree. Every degree will maintain at least 8 hours of electives post change.

Circle the number that corresponds to the requested change. Degree plan changes are on the second page.

		COUNCIL ³								
	Change to a Course	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	President
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 (substantive change)	A	A	A		I			A	I
5.	Number of hours (lecture, lab, contact)	A	A	A		A			A	I
6.	Course number within the hundred	A	A	I		I			I	I
7.	Course number beyond the hundred	A	A	A		A			A	I
8.	Prerequisites	A	A	A		I			I	I
9.	Course fee(s)	A	--	A		--			A	I
10.	From U to G <i>or</i> G to U	A	A	A		A			A	I
11.	Cross list with another department: U or G level	A	A	A		A			A	I
12.	Department of record	A	A	A		A			A	I
13.	Open or close a course	A	A	A		A			A	I
14.	New course — See website for application and process. This change includes combining or splitting a course(s).	A	A	A		A			A	I

Note: 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.

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Change to a Degree Plan		Dept./School	College Academic	Deans	COUNCIL ³				Provost	Faculty	President	Board of Trustees
					TEC	JCEC	UAC	GRAD				
1.	University Requirements — Change in approved course content ⁶	A	A	A		A			A	--	A	--
2.	University Requirements — Add or drop a required course from the University Requirements chart ⁶	A	A	A		A			A	A	A	--
3.	University Requirements — Add or drop a course from a menu within the University Requirements ⁶	A	--	--		A			A	--	A	--
4.	University Requirements — Change hours within a menu on the University Requirements chart ⁶	A	A	A		A			A	A	A	--
5.	Major — Revision of major ^{4,5}	A	A	A		A			A	--	A	--
6.	Major — Adopt or change admission requirements	A	A	A		A			A	--	A	--
7.	Major — Add ^{4,5}	A	A	A		A			A	A	A	I
8.	Major — Discontinue (proposed by the department or college)	A	A	A		A			A	A	A	I
9.	Major — Discontinue (proposed by the Provost)	See below.										
10.	GPA — Revise major or cumulative requirement	A	A	A		A			A	A	A	--
11.	Minor — Revise course selection	A	A	A		I			I	--	I	--
12.	Minor — Add	A	A	A		A			A	--	A	--
13.	Minor — Discontinue (proposed by the department or college)	A	A	A		A			A	--	A	--
14.	Minor — Discontinue (proposed by the Provost)	See below.										
15.	Degree — Add	A	A	A		A			A	A	A	I
16.	Degree — Discontinue (proposed by the department or college)	A	A	A		A			A	A	A	I
17.	Degree — Discontinue (proposed by the Provost)	See below.										
18.	Any change to a graduate degree program	A	A	A		A			A	--	A	--

Provost-Proposed Change		Provost	Department	Dean	COUNCIL ³			Faculty	President	Board of Trustees
					TEC	UAC	Graduate			
1.	Major/Graduate Program — Discontinue (proposed by the Provost)	A	R	R		A		A	A	I
2.	Minor — Discontinue (proposed by the Provost)	A	R	R		A		--	A	--
3.	Degree — Discontinue (proposed by the Provost)	A	R	R		A		A	A	I

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COUNCIL ³									
	Change to the Catalog Information	Dept./School	College Academic	Deans	UGEC	UUAC	GRAD	Provost	President
1.	General requirements for graduation including course requirements that are common to all majors for all degrees ⁷	--	--	--		A		A	A
2.	Admission requirements	--	--	--		A		A	A
3.	Policies governing academic probation and suspension	--	--	--		A		A	A
4.	Requirements for graduating with honors	--	--	--		A		A	A

¹ Councils may request additional information about "Information" items. These items are approved as "Consent Agenda."

² The Dean and Department should respond to the Provost's recommendation to close a program in writing. Advise & Respond (R) requires that the voting body should receive the written responses at least one week prior to the vote.

³ All courses that meet University Requirements for general education must go through UGEC. Courses or degrees offered only to students seeking teacher certification must go through the Teacher Education Council. All undergraduate changes must go before the UUAC. All graduate degree plan changes must go through the Graduate Council.

⁴ A minimum of 30 hours is required for a major. A maximum is specified for each degree (e.g., BA, BS). The university minimum for elective hours is 6, unless the requirements of external accrediting bodies make it impossible.

⁵ Program or course changes that apply to any major that includes Teacher Certification will be reviewed by the college, the Teacher Education Council (TEC), and then the UUAC.

⁶ Courses that satisfy ACU's University Requirements (General Education) 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.

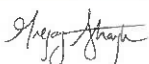
⁷ The UUAC approved the clarification that "general requirements for graduation" means the enumerated items in the "General Requirements for Bachelor's Degrees" section of the catalog.

Revised 8-26-19

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)	
	10/08/2021
Signature	Approval date
Signature	Approval date

College Academic Council(s)	
	Nov 10 2021
Signature	Approval date
Signature	Approval date

Dean(s)	
	Nov 10 2021
Signature	Approval date
Signature	Approval date

Teacher Education Council	
Chair's signature	Approval date

General Education Council	
Chair's signature	Approval date

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

Abilene Christian University

2021-2022 Catalog

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)
- Total: ~~17 Credit Hours~~ 19 Credit Hours**

*Hours may also fulfill university requirements and are not included in total major 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 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 - ~~10 Credit Hours~~ 8 Credit Hours

Total Major Hours: 72

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.*

Abilene Christian University

2021-2022 Catalog

Mathematics, Pure Mathematics, BA (MATH-PURE)

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)

Total: 17 Credit Hours

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

Pure Mathematics Track (PURE)

- [MATH 351 - Abstract Algebra I](#) Credit Hours: 3
 - [MATH 381 - Analysis I](#) Credit Hours: 3
 - [MATH 453 - Abstract Algebra II](#) Credit Hours: 3
- or
- [MATH 483 - Analysis II](#) Credit Hours: 3

Advanced Mathematics Selections

- (Excluding [MATH 309](#), [MATH 311](#), [MATH 410](#), and [MATH 412](#)) Credit Hours: 6

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 - ~~10 Credit Hours~~ 8 Credit Hours

Total Major Hours: 72

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.*
