

Approval Chart for Curriculum Changes

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

Course Number MATH 247 or Degree Plan(s) _____

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

The Middle School Education with EC-6 and 4-8 Mathematics (MSMA) degree plan requires MATH 237, 238, 247, 309, and 311.

Currently, enrollment in MATH 247 is restricted to MATT majors. We are requesting that MSMA majors be added to the list of majors who may enroll in the course.

In addition, MATH 247 has a prerequisite of MATH 186 (Calculus II). MSMA are not required to take this course so we are requesting that the prerequisite be changed to MATH 185 (Calculus I).

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	UAC	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.	Content (substantive change)	A	A	A	I				A	A
4.	Number of hours (lecture, lab, contact)	A	A	A	A				A	A
5.	Course number within the hundred	A	A	I	I				I	I
6.	Course number beyond the hundred	A	A	A	A				A	A
7.	Prerequisites	A	A	A	I				I	I
8.	Course fee(s)	A	--	A	--				A	I
9.	From U to G or G to U	A	A	A	A				A	A
10.	Cross list with another department: U or G level	A	A	A	A				A	A
11.	Department of record	A	A	A	A				A	A
12.	Open or close a course	A	A	A	A				A	A
13.	New course — See website for application and process. This change includes combining or splitting a course(s).	A	A	A	A				A	A

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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		COUNCIL ³										
	Change to a Degree Plan	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	Faculty	President	Board of Trustees
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				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	--

COUNCIL ³										
	Provost-Proposed Change	Provost	Department	Dean	TEC	UUAC	Graduate	Faculty	President	Board of Trustees
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	Faculty	President
1.	General requirements for graduation including course requirements that are common to all majors for all degrees ⁷	--	--	--	A			A	A	A
2.	Admission requirements	--	--	--	A			A	A	A
3.	Policies governing academic probation and suspension	--	--	--	A			A	A	A
4.	Requirements for graduating with honors	--	--	--	A			A	A	A
5.	Other academic policy changes	--	--	--	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 10-16-13

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)	
<u>David Deedus</u>	<u>09/10/2014</u>
Signature	Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
_____ Signature	_____ Approval date
_____ Signature	_____ Approval date

Dean(s)	
_____ 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

MATH 237 Number and Operations (3-0-3), fall, spring. Study and investigation of concepts related to numbers and their operation; algebraic reasoning with connections to proportionality, expressions, equations and relationships; and mathematical processes to demonstrate mathematical understanding as specified by national and state standards for teaching EC-6 mathematics. Prerequisites: MATH 120, MATH 123, MATW 020/120, or higher. For IDSC and MSMA majors only.

MATH 238 Geometry and Measurement (3-0-3), fall, spring, summer. Study of concepts and principles of geometric structures; attributes of polygons, measurement concepts of 2- and 3-dimensional shapes; fundamentals of measurement; and algebraic reasoning as specified by national and state standards for teaching EC-6 mathematics. Prerequisite: Grade of "C" or better in MATH 237. For IDSC and MSMA majors only.

MATH 247 Number Concepts for Grades 7-12 Teachers (3-0-3), fall. Investigation of rational numbers and operations, proportionality in number (ratios, rates, percentages), and related number concepts and operations taught in high school algebra as specified by national and state standards for teaching grades 7-12 mathematics. Prerequisites: MATH 185, For MATT and MSMA majors only.

MATH 309 Algebraic Concepts for Teachers I (3-0-3), fall. An in-depth study of algebraic concepts related to linearity in grades 7-12 mathematics, extending to non-linear relationships taught in high school algebra with an emphasis on mathematical practices and processes as specified by national and state standards for teaching grades 7-12 mathematics. Prerequisite: MATH 185 and MATH 227. For MATT, PHMT, CSMT, and MSMA majors only. Admission to Teacher Education Program required.

MATH 311 Geometric Concepts for Teachers I (3-0-3), spring. Euclidean geometry as an axiomatic system, its properties, geometric relationships, results, uses, and applications. Exploration and application of formal, synthetic, and transformational geometry as specified by national and state standards for teaching grades 7-12 mathematics. Prerequisite: MATH 185 and 227. For MATT, PHMT, CSMT, and MSMA majors only. Admission to Teacher Education Program required.

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