

Approval Chart for Curriculum Changes

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

Course Number _____ or Degree Plan(s) ENGR

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

As a result of the 20/20 grant sponsored by the Provost Office as well as departmental discussion, we are implementing a series of one hour courses in each of the Freshman, Sophomore, and Junior years. These new courses are ENGR 117: Computational Tools for Engineering and Physics, ENGR 217: Engineering Career Tools, and ENGR 317: Engineering Project Management. Additionally, ENGR 115 is being reduced from 2 credit hours to 1 credit hour and two elective hours are being removed to make room for the new courses. Faculty planned for these changes last year during the major curriculum revisions, as there are currently 2 engineering elective hours (ENGR course), but wanted to pilot the courses before putting them through councils.

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	TFC	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.

Approval Chart for Curriculum Changes

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

		COUNCIL ³							Board of Trustees
		Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	
Change to a Degree Plan									
1.	University Requirements — Change in approved course content ⁶	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	--
3.	University Requirements — Add or drop a course from a menu within the University Requirements ⁶	A	--	--		A		A	--
4.	University Requirements — Change hours within a menu on the University Requirements chart ⁶	A	A	A		A		A	--
5.	Major — Revision of major ^{4,5}	A	A	A		A		A	--
6.	Major — Adopt or change admission requirements	A	A	A		A		A	--
7.	Major — Add ^{4,5}	A	A	A		A		A	I
8.	Major — Discontinue (proposed by the department or college)	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	--
11.	Minor — Revise course selection	A	A	A		I		I	--
12.	Minor — Add	A	A	A		A		A	--
13.	Minor — Discontinue (proposed by the department or college)	A	A	A		A		A	--
14.	Minor — Discontinue (proposed by the Provost)	See below.							
15.	Degree — Add	A	A	A		A		A	I
16.	Degree — Discontinue (proposed by the department or college)	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	--

		COUNCIL ³					Faculty	President	Board of Trustees
		Provost	Department	Dean	TEC	UUAC			
Provost-Proposed Change									
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

Approval Chart for Curriculum Changes

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

COUNCIL ³										
	Change to the Catalog Information	Dept./School	College Academic	Deans	UGEC	UAC	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

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)	
 Signature	1/21/2020 Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
 Signature	1-24-2020 Approval date
_____ Signature	_____ Approval date

Dean(s)	
 Signature	1/30/2020 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

Major Requirements

Chemistry

- CHEM 133 - General Chemistry I Credit Hours: 3
 - CHEM 131 - General Chemistry Laboratory I Credit Hours: 1
- Total: 4 Credit Hours**

Engineering

- ENGR 115 - Introduction to Engineering and Physics Credit Hours: 2
 - ENGR 116 - Introduction to Engineering and Physics Laboratory Credit Hours: 1
 - ENGR 117 - Computational Tools for Engineering and Physics Credit Hours: 1
 - ENGR 131 - Computer Aided Design and Modeling Credit Hours: 1
 - ENGR 135 - Introduction to Electric Circuits Credit Hours: 3
 - ENGR 136 - Introduction to Electric Circuits Laboratory Credit Hours: 1
 - ENGR 217 - Engineering Career Skills
 - ENGR 221 - Statics and Dynamics Credit Hours: 4
 - ENGR 281 - Engineering Thermodynamics Credit Hours: 3
 - ENGR 306 - Engineering Ethics Credit Hours: 1
 - ENGR 317 - Engineering Project Management
 - ENGR 333 - Fluid Mechanics Credit Hours: 3
 - ENGR 350 - Engineering Economics Credit Hours: 3 *
 - ENGR 377 - Statistics for Engineers Credit Hours: 3
 - ENGR 390 - Junior Clinic Credit Hours: 3
 - ENGR 430 - Senior Clinic I Credit Hours: 3 (capstone course)
 - ENGR 432 - Senior Clinic II Credit Hours: 3 (capstone and writing-intensive course)
 - ENGR Elective Credit Hours: 2
 -
 - *Hours may also fulfill university requirements and are not included in total major hours
- Total: 33 Credit Hours**

Mathematics

- MATH 185 - Calculus I Credit Hours: 3 *
 - MATH 186 - Calculus II Credit Hours: 3 *
 - MATH 286 - Calculus III Credit Hours: 3
 - MATH 361 - Ordinary Differential Equations Credit Hours: 4
 -
 - *Hours may also fulfill university requirements and are not included in total major hours
- Math/Science Selections**

Choose 4 hours from the following:

Formatted: Indent: Left: -0.25"

Formatted: Border: : (No border)

Formatted: Font: Helvetica, Underline, Font color: Custom Color(RGB(56,172,195))

Formatted: Font: Helvetica, Underline, Font color: Custom Color(RGB(56,172,195))

Formatted: Font: Helvetica, Underline, Font color: Custom Color(RGB(56,172,195)), Border: : (No border)

Formatted: Border: : (No border)

Formatted: Font: Helvetica, Underline, Font color: Custom Color(RGB(56,172,195))

Formatted: Font: Helvetica, Underline, Font color: Custom Color(RGB(56,172,195))

Formatted: Font: Helvetica, Underline, Font color: Custom Color(RGB(56,172,195)), Border: : (No border)

-
- MATH 187 - Calculus Computer Laboratory Credit Hours: 1
 - MATH 341 - Numerical Methods Credit Hours: 3
 - MATH 325 - Linear Algebra Credit Hours: 3
 - MATH 463 - Partial Differential Equations Credit Hours: 3
 - BIOL 112 - General Biology I or above (excluding BIOL 203) Credit Hours: 3
 - CHEM 114 - Introductory Organic and Biological Chemistry or above (excluding CHEM 203) Credit Hours: 3
 - PHYS 330 - Modern Physics or above (excluding PHYS 379, PHYS 388, PHYS 401, and PHYS 499) Credit Hours: 3
- Total: 17 Credit Hours**
-

Philosophy

-
- PHIL 379 - Philosophy, Religion and Science Credit Hours: 3 *
 -
 - *Hours may also fulfill university requirements and are not included in total major hours
- Total: 3 Credit Hours**
-

Physics

-
- PHYS 220 - Engineering Physics I Credit Hours: 3 *
 - PHYS 221 - Engineering Physics I Laboratory Credit Hours: 1
 - PHYS 222 - Engineering Physics II Credit Hours: 3 *
 - PHYS 223 - Engineering Physics II Laboratory Credit Hours: 1
 -
 - *Hours may also fulfill university requirements and are not included in total major hours
- Total: 8 Credit Hours**
-

Total Major Requirements: 50 Credit Hours