

Approval Chart for Curriculum ChangesA = Approve I= Information Item¹ R= Advise & Respond²Course Number _____ or Degree Plan(s) BS Biochemistry (BCH)

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

We propose to change the name of the Health Sciences Track (BCHS) to Biomedical Science Track (BCHS). This name change more accurately describes the pre-health concentrations that many students choose but also reflects the option for other career options like graduate school in biomedical science and related fields.

We also propose to add a pre-vet track to the BS Biochemistry degree. This would allow students to pursue pre-vet studies using a biochemistry degree without modification. Currently, a biochemistry major pursuing veterinary science must add certain classes to any biochemistry degree. TAMU's DVM program requires more chemistry and biochemistry prerequisites (19 hours) than any other subject (biology 15 hrs, physics 8 hrs, English 6 hrs, animal science 3 hrs).

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.	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.

Approval Chart for Curriculum Changes

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		COUNCIL ³							Board of Trustees			
	Change to a Degree Plan	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD		Provost	Faculty	President
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							Board of Trustees
	Provost-Proposed Change	Provost	Department	Dean	TEC	UUAC	Graduate	Faculty	
1.	Major/Graduate Program — Discontinue (proposed by the Provost)	A	R	R	A			A	A
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

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

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.

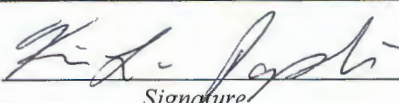
⁵ Program or course changes that apply to any major that includes Teacher Certification will be reviewed by the college, the Teacher Education Council (TEC), and then the UUAC.

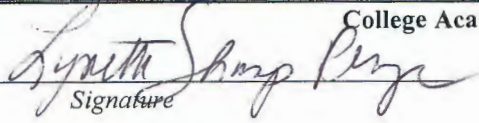
⁶ Courses that satisfy ACU's University Requirements (General Education) will normally have lower-level numbering, be free of prerequisites and co-requisites, appeal to more than one or two majors, and "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession" (SACS 2.7.3). Departments may request exceptions to the first three criteria.

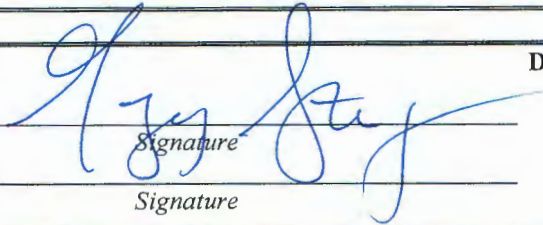
⁷ The UUAC approved the clarification that "general requirements for graduation" means the enumerated items in the "General Requirements for Bachelor's Degrees" section of the catalog.

Revised 10-16-13

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)	
 Signature	April 21, 2015 Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
 Signature	4-28-15 Approval date
_____ Signature	_____ Approval date

Dean(s)	
 Signature	4/29/15 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

ELECTIVES	
Minimum	19
TOTAL MAJOR HOURS	72
CRITERIA FOR ADMISSION TO TEACHER EDUCATION (FOR CHMT TRACK)	
In accordance with Texas state law, students must meet the admission criteria described on page 114.	
OTHER GRADUATION REQUIREMENTS	
Minimum GPA for graduation	2.00
Minimum advanced hours	33
Minimum total hours	128
<i>Courses numbered 0** do not count in minimum hours required for degree.</i>	

BS: BIOCHEMISTRY DEGREE PLAN (BCH)	
UNIVERSITY REQUIREMENTS	
Please see the University Requirements section of this catalog (page 39).	
MAJOR REQUIREMENTS	
Chemistry	
CHEM 133 General Chemistry I	(3) ¹
CHEM 131 General Chemistry I Lab	1
CHEM 132/134 General Chemistry II Lecture/Lab	4
CHEM 221/223 Organic Chemistry I Lecture/Lab	4
CHEM 322/324 Organic Chemistry II Lecture/Lab	4
CHEM 423 Chemistry and Biochemistry Seminar (capstone and writing-intensive course)	3
CHEM 453 Biochemistry I	3
CHEM 454 Biochemistry II	3
CHEM 463 Biochemistry Lab I	1
CHEM 464 Biochemistry Lab II	1
Biology	
BIOL 112 General Biology I	(3) ¹
BIOL 114 General Biology I Lab	1
BIOL 113/115 General Biology II Lecture/Lab	4
BIOL 312 Cell Biology	3
TOTAL	32
¹ Hours (in parentheses) may also fulfill university requirements and are not included in total major hours	

SUPPLEMENT FOR MAJOR (TRACKS)	
ACS Track (BCHC)	
CHEM 333 Physical Chemistry I	4
CHEM 334 Physical Chemistry II	4
CHEM 355 Analytical Chemistry I	4
CHEM 356 Analytical Chemistry II	4
CHEM 443 Inorganic Chemistry	3
MATH 185 Calculus I	(3) ¹
MATH 186 Calculus II	3
MATH 286 Calculus III	3
PHYS 220/221 Engineering Physics I Lecture/Lab	4
PHYS 222/223 Engineering Physics II Lecture/Lab	4
TOTAL	33
STANDARD Track (BCHE)	
CHEM 333 Physical Chemistry I	4
CHEM 334 Physical Chemistry II	4
CHEM 355 Analytical Chemistry I or CHEM 356 Analytical Chemistry II	4
CHEM 443 Inorganic Chemistry	3
MATH 124 Precalculus II	(3) ¹
MATH 185 Calculus I	3
MATH 186 Calculus II	3

PHYS 110/111 General Physics I Lecture/Lab	4
PHYS 112/113 General Physics II Lecture/Lab	4
TOTAL	29
BIO MEDICAL SCIENCE Track (BCHS)	
BIOL 475 Molecular Genetics	4
Choose 9 hours from: BIOL 221/223, 222/224, 313, 330, 355/357, 454, 480, 484, 491/493, 492/495, 498	
CHEM 355 Analytical Chemistry I or CHEM 356 Analytical Chemistry II	4
CHEM 413 Physical Chemistry/Life Sciences	3
MATH 131 Calculus for Application or MATH 185 Calculus I	(3) ¹
MATH 123 or MATH 377 or BIOL 483	3
PHYS 110/111 General Physics I Lecture/Lab	4
PHYS 112/113 General Physics II Lecture/Lab	4
TOTAL	30
PRE-VET Track (BCHV)	
CHEM 355 Analytical Chemistry I or CHEM 356 Analytical Chemistry II	4
CHEM 413 Physical Chemistry/Life Sciences	3
BIOL 351 Genetics	3
BIOL 355/357 Microbiology/Lab	4
ANSC 336 Animal Nutrition	3
MATH 131 Calculus for Application or MATH 185 Calculus I	(3) ¹
MATH 377 Statistical Methods I	3
PHYS 110/111 General Physics I	4
PHYS 112/113 General Physics II	4
ENGL 326 Business and Professional Writing	3
PSYC 120 Introduction to Psychology	(3) ¹
TOTAL	31
¹ Hours (in parentheses) may also fulfill university requirements and are not included in total major hours	
ELECTIVES	
Minimum (BCHC)	7
Minimum (BCHE)	11
Minimum (BCHS)	10
Minimum (BCHV)	9
TOTAL MAJOR HOURS	72
OTHER GRADUATION REQUIREMENTS	
Minimum GPA for graduation	2.00
Minimum advanced hours	33
Minimum total hours	128
<i>Courses numbered 0** do not count in minimum hours required for degree.</i>	

Kim Pamplin 4/22/2015 3:26 AM

Deleted: HEALTH SCIENCES