

	Document #	_COAS	064_
Date	Received		-

CATALOG YEAR 2011-2012

UCC 110

(Please use separate form for each add/change)

COLLEGE/SC	HOOL/SECTION:	Arts and	Sciences		
C	4.11 D.1.				
Course:	Add: Delete:		on b :	. 5	
(check all that apply)				otion Prerequisite	
	New course will be p		minor a	is a required	
	or elective cours				
	New course will intro	oduce, re	inforce, or	apply concepts	
Value, Descrip		lecture/lab ho	ours if applicabl	nt Learning Outcomes, So e. If in current online ca orief justification.	
Program: description and changes in red.	l 4-year plan. If in curr	Change: X ent online cat	Attach new/calog, provide cl	changed Program of Stud nange and attach text wit	ly h
			F SCIENCE HEMISTRY		
each semester	요 그러나 하는데 하는데 하는데 하는데 하는데 하다.	m decisions		encouraged to see their at. Students are responsi	
FALL		HOURS	SPRING	Ю	JRS
FRESHMAN	YEAR		FRESHMAN	VEAR	
	eneral Chemistry I	4		General Chemistry II	4
	nglish Composition I	3		English Composition II	
	ell & Molecular Biolo			Minor Elective	4
			BIOL	Biology Elective	4
HIST 1301 TI	ne U.S. to 1877	3		The U.S. Since 1877	
MATH2412 Pr		4		Activity/Wellness	1
			MATH2413 (4
Total		14			15
SOPHOMOR	E YEAR		SOPHOMO	RE YEAR	
	rganic Chemistry I	4		Organic Chemistry II	4
MATH2413 C	-	4	MATH2414 (-	4
MATH2414 C		4		The U.S. to 1877	3
	inor Elective	4		Fechnical Writing	3
ENICI C	CT:	2			100

PHYS 1301 General Physics I	3	PHYS 130	O2 General Physics II 3
PHYS 1101 General Physics I Lab	1	PHYS 110	02 General Physics II Lab 1
Total	16		15
JUNIOR YEAR		JUNIOR '	YEAR
CHEM 3405 Analytical Chemistry I	4	CHEM	Advanced Chem Elective 4
CHEM 3451 Biochemistry I	4	CHEM	Advanced Chem Elective ¹ 4
Visual/Performing Arts	3	MATH333	30 Differential Equations 3
Minor Elective	4		Minor Elective 4
CHEM 4498 Research in Chem	4	CHEM340	06 Analytical Chemistry II 4
			02 The U.S. since 1877 3
Total	15		15
SENIOR YEAR		SENIOR	VEAR
CHEM 3431 Physical Chemistry I	4	CHEM	Advanced Chem Elective 4
CHEM 4411 Inorganic Chemistry	4	CILLIVI	Minor Elective 4
CHEM 4120 Senior Seminar	1	CHEM 41	20 Senior Seminar 1
PSCI 2305 American National Gove			06 American State Govt 3
Soc/Behavioral Science	3	ENGL	Survey of Literature 3
	3		32 Physical Chemistry II 4
			Advanced Chem Elective 4
		- TEM	Activity/Wellness 1
Total	15		15
1 Advanced Chemistry Electives. S		H from any (CHEM 3000 or 4000 course.
Justification:			
This plan adds a minor to the chemistre equations. The minor will allow the claschool within the program of study. The physical and analytical chemistry.	hemistry ma	jor to fulfill t	he requirements for medical
Minor: Add: Delete: Online catalog, provide change and atta	hange:	Attach new nachanges in r	/changed minor. If in current
Faculty: Add: Delete: Current online catalog, provide change			
College Introductory Pages: Add into Attach new/changed information. If it with changes in red.	formation: _ current onl	Change in ine catalog, p	nformation: provide change and attach text

Other: Add information: Char current online catalog, provide cha			rmation. If in
Approvals:	Signature		Date
Chair	Tom Vaughar	Dig to fly signed by Ton Vaughan Dig to Fly signed by Ton Vaughan Dig to Tam Vaughan Dig	
Department Curriculum Committee		-	
Chair	Dan Mott	Digitally signed by Dan Mott DN:cn=Dan Mott, o=TAMIU, ou=Biol Chem, emalE-mont@stamiu.edu.e=U5 Date: 2011.02.17 14:23:41 - 06:00'	
Department	James A Nor	Digitally signed by James A Norris DN: cn=James A Norris, o=Texas A&M International University, our=Dept of Social Sciences, email=jnorris@tamiu.edu, c=US Date: 2011.03.17 134854-05'00'	
College Curriculum Committee			0.
Dean	Kevin Lindb	Digitally signed by Kevin Lindberg OCT Digitally signed by Kevin Lindberg and Sciences, on Lindberg and Sciences, on Lindberg and Lindberg and Lindberg and Lindberg and Lindberg and Lindberg Lindberg and Lindberg Lind	
10/19/10			



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CATALOG YEAR <u>2011-2012</u> (Please use separate form for each add/change)

COLLEGE/SC	HOOL/SECTION: Arts and Sciences
Course: (check all that apply)	Add: Delete: Change: Number Title SCH Description Prerequisite New course will be part of major minor as a required or elective course New course will introduce, reinforce, or apply concepts
Value, Descrip	c Course Prefix, Number, Title, <u>Measurable</u> Student Learning Outcomes, SCH tion, prerequisite, and lecture/lab hours if applicable. If in current online catalog, and attach text with changes in red and provide a brief justification.
	Delete: Add: Change: _X_ Attach new/changed Program of Study 4-year plan. If in current online catalog, provide change and attach text with
 Hours advance Gradua Univer specifie MATH 	Required: A minimum of 120 semester credit hours (SCH): 45 hours must be ed, and fulfillment of degree requirements as specified in the "Requirements for tion" section of this catalog. sity Core Curriculum: 42 SCH as outlined in the suggested plans and as ed in the "Requirements for Graduation". Elective: 5 SCH designated as MATH 2413 and 1 SCH surplus from core. For Should be 8 esignated as MATH 2414 and 3330 and the # SCH of MATH 2413 taken as part of Should be 1 SCH surplus from core.
4. Major: addition CHEM from Cl from an Core Cu the degr	53-38 SCH and the 8 SCH of CHEM 1411 and 1412 taken as part of the core; nal lower level requirements of CHEM 2423, 2425; upper level requirements of 3405, 3406, 3431, 3432, 3451, 4120, and 4411 and 4498,; and 16 SCH selected HEM 3400, 3452, 4409, 4410, 4411, 4431, 4451 or 4198 4498 12 SCH selected by additional CHEM course at the 3000-4000 level: and 1 excess SCH from the curriculum. CHEM 4198 4498 may be repeated for up to 6 SCH of credit within the program. EFEM 4120 may be repeated for up to 2 SCH of credit within the
5. Minor:	A minimum of 20 SCH from one discipline at least twelve of which must be at 0-4000 level. See Appendix C.

6. Supporting Sciences Curriculum: 20-12 SCH including MATH 2414, PHYS

1301/1101, 1302/1102 and BIOL 1406 and 1411 or BIOL 1413.

Justification:

Corrections based on e-mails from Dr. Mott and Dr. Jaramillo 3/29/11.

This plan adds a minor to the chemistry major.