

A regular meeting of the University Curriculum Committee was held on November 11, 2016, at 2:00 p.m.

Members present: Chair Carole Makela, Professors Ed DeLosh, Bradley Goetz, Brad Reisfeld, Howard Ramsdell, Sally Sutton, Mike Hogan, Beth Oehlerts and Graduate Student Representative Kevin Jablonski.

Curriculum Unit: Kayleen Allen and Shelly Ellerby.

Guests: Linda Selkirk (CSU Online) and Katie Risheill (Registrar's Office).

Absent: VPUA Kelly Long (ex-officio), Paul Mallette and Undergraduate Student Representative.

Minutes

The Minutes of November 4, 2016 were approved.

Consent Agenda

The Consent Agenda was approved.

New Courses

Effective Term

ART 327 Issues in Art Education and the Public 3(3-0-0) SS

Summer 2017

Prerequisite: None.

Registration Information: Junior standing. This is a partial semester course. Offered as an online course only.

Description: Introduce students to the concepts relating to Art Education in contemporary society.

Grade Mode: Traditional.

MU 592A Seminar: Music Theory Var[1-3] F, S, SS

Fall 2017

Prerequisite: None.

Registration Information: Graduate standing. May be repeated up to three times for credit.

Description: Special Topics in Music Theory.

Grade Mode: Traditional.

Offering Term: As Needed.

MU 592E Seminar: Music History Var[1-3] F, S, SS

Fall 2017

Prerequisite: MU 334; MU 335.

Registration Information: May be repeated up to three times for credit.

Description: Special Topics in Music History.

Grade Mode: Traditional.

Offering Term: As Needed.



Major Changes to Courses

Effective Term

ETST 253 ~~Chicana/o~~ Chicana/x History and Culture 3(3-0-0) F

Fall 2017

Prerequisite: None.

Registration Information: None.

Description: Historical study of ~~Chicana/o~~ Chicana/x and Mexican people and culture from Spanish colonization to beginning of 20th century

Grade Mode: Traditional

Offering Year: ~~Odd~~ Every.

[Existing AUCC 3E Global & Cultural Awareness course]

ETST 432 ~~Latina/o~~ Latinx Routes to Empowerment 3(3-0-0) S

Fall 2017

Prerequisite: (ETST 100) or (ETST 101-499 at least 6 credits). ~~None~~.

Registration Information: Sophomore standing.

Description: Critical examination of political and economic strategies used to incorporate ~~Chicana/o/Latina/o~~ Chicana/x/Latinx groups into U.S. society.

Grade Mode: Traditional

GEOL 150 Physical Geology for Scientists and Engineers 4(3-3-0) F

Fall 2017

Prerequisite: None.

Registration Information: Must register for lecture and laboratory. Required field trips. Credit allowed for only one of the following: GEOL 120, GEOL 122, GEOL 124, GEOL 150. Credit not allowed for both GEOL 150 and GEOL 121.

Description: Earth materials, structures, and surface processes. Geologic analysis using field data, topographic and geologic maps, and aerial photos.

Grade Mode: Traditional

[\[Approved for AUCC 3A proposal for Biological/Physical Sciences\]](#)

MATH 141 Calculus in Management Sciences 3(3-0-0) F, S, SS

Fall 2017

Prerequisite: MATH 118.

Registration Information: [Sections may be offered: Online.](#) Credit allowed for only one of the following courses: MATH 141, MATH 155 or MATH 160.

Description: Analytic geometry, limits, equilibrium of supply and demand, differentiation, integration, applications of the derivative, integral.

Grade Mode: Traditional.

[AUCC 1B: Mathematics]

MATH 501 Combinatorics I 3(3-0-0) F, S, SS

Fall 2017

Prerequisite: (MATH 301) and (MATH 360 or MATH 366).

Registration Information: [Sections may be offered: Online.](#)

Description: Puzzles, numbers and counting, subsets, recurrence relations, generating functions, inversion, counting with symmetry, networks, matchings.

Grade Mode: Student Option.

PSY 192 Psychology First-Year Seminar 1(0-0-1) F, S

Fall 2017

Prerequisite: None.

Registration Information: Sections may be offered: Online.

Description: [Introduction to and discussion of topics in the major branches of psychology.](#) ~~Special topics in psychology-~~

Grade Mode: [Traditional](#)~~S/U-Sat/Unsat Only~~



New Graduate Certification

College of Health and Human Sciences

Effective Fall 2017

School of Education

Graduate Certificate in High Impact On-Demand Learning Solutions

Additional coursework may be required due to prerequisites.

Code	Title	Credits
EDOD 651	On-Demand Learning–Improving Performance	3
EDOD 652	High Impact On-Demand Solutions	3
EDOD 653	Managing Development of On-Demand Solutions	3
Total Credits		9

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.



New Degree Program

College of Natural Sciences
Department of Psychology
Master of Addiction Counseling, Plan C (M.A.C.)

Effective Fall 2017

Effective Fall 2017

First Year		
Fall		Total Credits
<u>PSY 612</u>	Introduction to Addiction Counseling	3
<u>PSY 675</u>	Ethics and Professional Psychology Practice	3
<u>PSY 724</u>	Motivational Interviewing	3
<u>PSY 726</u>	Neuropharmacology of Addiction	3
	Total Credits	12
Spring		
<u>PSY 613</u>	Advanced Addiction Counseling	3
<u>PSY 720</u>	Psychopathology	3
<u>PSY 776</u>	Business and Practice of Addiction Counseling	3
<u>PSY 793</u>	Clinical Supervision of Addiction Counseling	3
	Total Credits	12
Second Year		
Fall		
<u>PSY 786E</u>	Advanced Practicum: Clinical	9
	Total Credits	9
Spring		
<u>PSY 786E</u>	Advanced Practicum: Clinical	9
	Total Credits	9
	Program Total Credits:	42

A minimum of 42 credits are required to complete this program.



Major Change to Existing Programs

College of Health and Human Sciences
 School of Education

Effective Fall 2017

Ph.D. in Education and Human Resource Studies, Higher Education Leadership Specialization, College and University Leadership Option

Effective Fall 2017 ~~Spring 2014~~

First Year		
EDHE 671	Higher Education Administration	3
EDHE 673	Student Development Theory	3
<u>EDHE 771</u>	<u>Higher Education Leadership</u>	<u>3</u>
<u>EDHE 773</u>	<u>Student Development in a Collegiate Context</u>	<u>3</u>
<u>EDRM 702</u>	Foundations of Educational Research	3
<u>EDUC 709</u>	Leadership Development	3
<u>EDUC 710</u>	Higher Education Finance	3
Credits		15
Second Year		
<u>EDCL 701</u>	Higher Education Law	3
<u>EDRM 704</u>	Qualitative Research	3
<u>EDRM 705</u>	Qualitative Data Analysis	3
<u>EDUC 675</u>	Analyzing Education Literature	3
<u>EDUC 725</u>	Professionalism in Education and Leadership	3
Credits		15
Third Year		
<u>EDOD 769</u>	Theory and Practice of Change	3
EDRM 666	Program Evaluation	3
<u>EDRM 700</u>	Quantitative Research Methods	3
<u>EDRM 707</u>	Quantitative Data Collection Methods/Analysis	3
<u>EDUC 714</u>	Education Policy Analysis	3
<u>EDUC 715</u>	<u>Critical Issues for Special Populations</u>	<u>3</u>
Credits		15

Fourth Year		
<u>EDCL 750</u>	Simulated Presidential Cabinet I	3
<u>EDHE 799</u>	<u>Dissertation</u>	<u>9</u>
<u>EDRM 792B</u>	Seminar: Proposal Development	3
<u>EDRM 799</u>	<u>Dissertation</u>	<u>9</u>
Credits		15
Program Total Credits		60
<u>Completed Ph.D. Coursework Total</u>		<u>60</u>
<u>Completed Master's Coursework Total</u>		<u>30</u>
<u>Total Credits</u>		<u>90</u>

A minimum of ~~60~~90 credits are required to complete this program.



College of Natural Sciences
 Master of Natural Sciences Education, Plan C (M.N.S.E.)

Effective Fall 2017

Effective ~~Effective Fall 2014~~ Fall 2017

Code	Title	Credits
OPTION 1:		
Education Courses		
<u>EDRM 602</u>	Action Research ¹	3
<u>EDUC 619</u> or <u>NSCI 612</u>	Curriculum Development ¹ <u>Myth Busters – Science/Controversy/Evaluation</u>	3
<u>EDUC 660</u>	Advanced Methods-Science and Math Instruction	3
Natural Science Courses		
Select at least 18 credits from the following:		18-19
<u>NSCI 619</u>	Physics for Science Educators ¹	
<u>NSCI 620</u>	Chemistry for Science Educators ¹	
<u>NSCI 630</u>	Spectroscopy for Science Educators ¹	
<u>NSCI 640</u>	Energetics for Science Educators ¹	
<u>NSCI 650</u>	Pollution and Environmental Biology for Educators ¹	
<u>NSCI 660</u>	Evolutionary Biology for Educators ¹	

STAT 511	Course STAT 511 Not Found	
STAT 511A	Design and Data Analysis for Researchers I: R Software	
Independent Study		
NSCI 695	Independent Study for the MNSE ²	3
Program Total Credits		30-31
Code	Title	Credits
OPTION 2:		
Education Courses		
EDRM 602	Action Research ¹	3
EDUC 619 or NSCI 612	Curriculum Development ¹ Myth Busters – Science/Controversy/Evaluation	3
EDUC 660	Advanced Methods-Science and Math Instruction	3
Natural Science Courses		
Select at least 15 credits from the following:		15-16
NSCI 619	Physics for Science Educators ¹	
NSCI 620	Chemistry for Science Educators ¹	
NSCI 630	Spectroscopy for Science Educators ¹	
NSCI 640	Energetics for Science Educators ¹	
NSCI 650	Pollution and Environmental Biology for Educators ¹	
NSCI 660	Evolutionary Biology for Educators ¹	
STAT 511	Course STAT 511 Not Found	
STAT 511A	Design and Data Analysis for Researchers I: R Software	
Research		
NSCI 698	Research Experience in Natural Sciences ³	6
Program Total Credits		30-31

¹ Offered only as an online or blended course.

² The independent study requires enrollment in the summer session after completing the program's course ~~and research~~ requirements. It involves weekly meetings of the student with her/his research advisor, but does not require full-time residency on campus.

³ ~~The research experience requires full time enrollment in the summer session after completing the program's course requirements. Requires registration for a 6-week summer session at full time. Students will complete the research experience requirement in the summer after their first year they are enrolled in the Program.~~ Instructors are graduate student advisors who hold regular faculty appointments in the Departments of Biology, Chemistry, or Physics.



Request to Add a Master of Addiction Counseling, Plan C

A request by the Department of Psychology to add a Master of Addiction Counseling, Plan C was approved. The recommended effective date, subject to special action by Faculty Council and approval by the Board of Governors and CCHE is Fall Semester 2017.

Updates and Corrections to Previous UCC Minutes

1. STAA 565 was approved as a new course on the 4/8/11 UCC minutes effective Summer 2012. The course was originally approved with the prerequisite wording: "Concurrent registration in STAA 551". The prerequisite wording should read: "STAA 551, may be taken concurrently".

STAA 565 Quantitative Reasoning 1(1-0-0) F **Summer 2012**

Prerequisite: STAA 551, may be taken concurrently.

Registration Information: Written consent of instructor. This is a partial-semester course.

2. HDFS 470 was approved with changes to the course on the 4/15/16 UCC minutes effective Spring 2017. The wording: "Human Development and Family Studies majors only" should be omitted from the registration information field.

HDFS 470 Campus Connections– Corps: Mentoring At-Risk Youth 3(0-4-2) F, S, SS. **Spring 2017**

Prerequisite: None.

Registration Information: Completion of AUCC 3C Social and Behavioral Sciences. ~~Human Development and Family Studies majors only.~~ Written consent of instructor. Required background check through CBI, FBI. Course may be taken for a maximum of 9 credits.

3. MATH 230 was approved with changes to the course on the 5/6/16 UCC Consent Agenda effective Spring 2017. The original registration information wording: "Credit not allowed for only one of the following: MATH 230, ~~MATH 301~~, MATH 330" is incorrect. The correct wording should be: "Credit not allowed for both MATH 230 and MATH 330."

MATH 230 Discrete Mathematics for Educators **Registration Information:** Credit not allowed for both MATH 230 and MATH 330. **Spring 2017**

4. ANTH 375 was approved with major changes to the course on the 4/22/16 UCC minutes. The course was originally approved with the effective date of Fall 2017. The correct effective date is Spring 2017.

ANTH 375 Evolution of Primate Behavior 3(3-0-0) F S **Spring 2017**

5. CHEM 573F was approved as a new course on the 4/29/16 UCC minutes effective Spring 2017. The registration information field should include the language: "This is a partial semester course."

CHEM 573F Chemical Spectroscopy: Computational Spectroscopy 1(1-0-0) [As needed] **Spring 2017**

Prerequisite: CHEM 575; CHEM 576; CHEM 571A; CHEM 571B.

Registration Information: This is a partial semester course.

6. The Dual Degree Program: Biomedical Engineering and Chemical and Biological Engineering was approved with major changes to the program on the 4/22/16 UCC minutes. The course list of Approved CBE Technical Electives included BIOM/671/MECH 671 Orthopedic Tissue Biomechanics. This course should be omitted from the list as 600-level course cannot be offered for undergraduate degrees.

Approved CBE Technical Electives for BME-CBE BS Program

Program Code	Title	Credits
Select 5 credits from the following:		
BIOM 671/MECH 671	Orthopedic Tissue Biomechanics	3

7. The Major in Electrical Engineering, Lasers and Optical Engineering Concentration was approved with major changes to the program on the 4/15/16 UCC minutes effective Fall 2016. The major was approved with ECE 303 as an additional required course Sophomore year. The course should be dual listed with STAT 303.

SOPHOMORE

CHEM 111	General Chemistry I (GT-SC2)	3A	4
ECE 202	Circuit Theory Applications		4
ECE 303/STAT 303	Introduction to Communications Principles		3

The meeting adjourned at 3:40 p.m.

(FC) 12/2/16

Carole Makela, Chair
Shelly Ellerby, Curriculum Liaison Specialist
Kayleen Allen, Curriculum & Catalog Assistant



University Curriculum Committee
 November 11, 2016
CONSENT AGENDA

Experimental Courses – 1st Offering

	Course Title	Effective Term
ETST 580A3	Research and Publication in Ethnic Studies	Spring 2017
LSGN 380A1	Advanced Study of Deafness and ASL	Fall 2017
MECH 681A2	Defects in Crystals	Spring 2017
MECH 681A3	Techno-Economic and Life Cycle Modeling	Spring 2017
NRRT 180A1	New to the Major Seminar	Spring 2017
NSCI 181A1	College of Natural Sciences Career Seminar	Spring 2017

Minor Changes to Courses

	Course Title	Requested Change	Effective Term
PSY 341	Organizational Psychology Laboratory	Prerequisite Courses: PSY 340 or concurrent registration . None. Registration Information: Must have concurrent registration in PSY 340. Sections may be offered: Online.	Fall 2017
PSY 371	Psychological Measurement and Testing Lab Laboratory	Prerequisite Courses: PSY 370 or concurrent registration . None. Registration Information: Must have concurrent registration in PSY 370. Sections may be offered: Online.	Fall 2017



Changes to Programs

College of Engineering Fall 2017
 Dual Degree Program: Biomedical Engineering and Chemical and Biological Engineering

Approved CBE Technical Electives for BME-CBE BS Program*

STAT 511	Course STAT 511 Not Found	4
STAT 511A	Design and Data Analysis for Researchers I: R Software	4
or STAT 511B	Design and Data Analysis for Researchers I: SAS Software	4

**This list is 6 pages long, so it has been truncated to show only the changes that have been proposed.*

