

Minutes of Full Curriculum Committee Meeting April 2, 2014

Members present

Department	Delegate	Alternate	Initials
Accounting		Mary McCarthy	
Anthropology			
Art	Jerry Butler		
Biology	Mark Jackson		
Biomolecular Sciences	Betsy Dobbs-McAuliffe		
Chemistry & Biochemistry	Steve Watton		
Communication			
Computer Elect. & Graphics Tech.			
Computer Science		Chad Williams	
Counseling & Family Therapy	Evadne Ngazimbi		
Counselors	Gladys Moreno-Fuentes		
Criminology & Crim. Justice	Julie Schnobrich-Davis		
Design	Eleanor Thornton		
Economics	Paramita Dhar		
Educational Leadership			E Retelle
Engineering	Thomas Vasko		
English	Mary Anne Nunn		
Finance		Fan He	
Geography			
History	Mark Jones		
Journalism	Mary D'Ambrosio		
Management Information Systems			
Management & Organization	David Fearon		
Manufacturing & Const. Mgmt.	Haoyu Wang		
Marketing	Kuan P. Chiang		
Mathematical Sciences	Shelly Jones		
Modern Languages	Carmela Pesca		
Music	Carl Knox		
Nursing			
Philosophy		Don Adams	
Physical Ed. & Human Perform.			Kim Kostelis
Physics/Earth Sciences	Nimmi Sharma		

Political Science	Robbin Smith		
Psychological Science			
Reading & Language Arts		Cara Mulcahy	
Social Work	Joanne Leon		
Sociology	Elizabeth Kaminski		
Special Education	Joan Nicoll-Senft		
Teacher Education	Sally Drew		
Tech. & Engineering Ed.			
Theatre	Scott Bartley		
Librarians	Steven Bernstein		
International and Area Studies			
Chair, Graduate Studies Curriculum			
Dean, School of Arts & Sciences	Don Adams		
Dean, School of Business			
Dean, School of Education & Professional Studies	Mary Pat Bigley		
Dean, School of Engineering & Technology			
Dean, School of Graduate Studies			
School of Business student representative			
School of Education & Professional Studies student representative			
Center for Advising and Career Exploration			

A. Review and approve minutes of previous meetings

Approved

B. Announcements

- a) Election for 2014-2016 Curriculum Chair will be held at the last full curriculum meeting on Wed, April 30

b) Please check the last item on the agenda for the list of courses to be automatically deleted. Courses that have not be offered for the previous 4 yrs are slated for automatic deletion unless you contact the Curriculum Chair and ask that specific courses be retained.

C. Old Business

a) Review and approve items from the agenda for last month's 3/5/14 Full Meeting:
http://web.ccsu.edu/curriculumcommittee/files/agendas/2013_14/curriculum%20agenda%204th%20round%202013-14%20Consent.pdf

Approved

D. Minor changes:

a) Starting with the semicolon, strike the remainder of the last sentence in the description

ECON 416 Quantitative Methods in Economics 3

Prereqs: ECON 200, ECON 201 and STAT 215

Introduction to quantitative techniques widely used by economists. Topics include various methods of applied statistics that facilitate the understanding of economic literature and the pursuit of empirical research. ~~; elements of probability, correlation, multiple regression, factor analysis, and hypothesis testing.~~

b) Add Bio 200 as an optional prereq to BMS 306 Genetics, and remove the last sentence fragment

BMS 306 Genetics 3

Prereq.: BMS 201 ~~or Bio 200~~ or permission of the department chair, and CHEM 161 and CHEM 162 or CHEM 121. Historical development of basic principles and modern concepts of genetics. Integrated survey of each of the major fields of genetics is presented. ~~Three hours of lecture and one.~~

c) Change title of PHIL 346 from "Ethical Theory" to "Theoretical and Practical Ethics"

d) CS 113: change "No credit given to students with credit for CS 151, 213 or MATH 446, 471" to "Does not count towards the Computer Science major."

e) CS 213: change "No credit given to students with credit for CS 151" to "Does not count towards the Computer Science major."

f) CS 254: delete "No credit given to students with credit for MATH 472."

a. Note: Math 472 no longer exists

Approved

D. Items Postponed to next month

	<p>Course Revision <u>CM 135 Construction Graphics/Quantity Take-Off</u></p> <p>Change prereqs to MATH101 or Placement Exam, and CET113 (may be taken concurrently)</p> <p>This item was approved by SET, but it requires the signature of Math department and A&S Dean, and must come before A&S Subcommittee next month</p>	AS
	<p>Course Revision <u>BIO 402 Evolutionary & Ecological Genetics</u></p> <p>Change title to: Population Genetics</p> <p>Change prereqs to: BIO 200 and Bio 290 and BMS 306 or permission of instructor</p> <p>Revise description to: Study of the genetic processes that affect their evolution, including natural selection, gene flow, and mutation. Review of basic genetics from General Biology Applications of genetics to modern problems in ecology and conservation.</p>	AS GR
	<p>Course Revision <u>CHEM 200 Foundations of Analytical Chemistry</u></p> <p>Change prereqs to: Grade of C- or better in CHEM 161 and CHEM 162</p>	AS
	<p>Course Revision <u>CHEM 210 Foundations of Organic Chemistry</u></p> <p>Change prereqs to: Grade of C- or better in CHEM 161 and CHEM 162</p> <p>Note: approved by SEPS</p>	AS

	<p>Course Revision CHEM 260 Foundations of Inorganic Chemistry</p> <p>Change prereqs to: Grade of C- or better in CHEM 161 and CHEM 162</p>	AS
	<p>Program Revision Major in History, B.S. (Certifiable for secondary teaching of history and social studies)</p> <p>HIST 121 World Civilization I 3 HIST 122 World Civilization II 3 HIST 301 The Historical Imagination 3 (taken prior to the first 400-level history course) 12 credits of U.S. history at the 300 or 400 level HIST 490 Senior Seminar 3 (taken after 24 credits of history courses, including HIST 301 and 6 credits of history courses at the 400 level) 6 credits of European history above the 100 level</p> <p>6 credits of non-western history above the 100 level. (3 of the 6 credits must appear on the state-approved non-western history course list.)</p> <p>12 credits in 400-level history courses</p> <p>and 12 credits in social science from the following:</p> <p>PS 104 The World's Political Systems 3 or</p> <p>PS 110 American Government & Politics 3 ECON 200 Macro Economics 3 ECON 201 Micro Economics 3 SOC 110 Introductory Sociology 3 Related Requirements</p> <p>ANTH 140 Introduction to Anthropology 3 GEOG 110 Introduction to Geography 3 or</p> <p>GEOG 120 World Regional Geography 3 For additional course requirements in education, consult with the School of Education and Professional Studies.</p> <p>No minor is required of students in this major.</p>	<p>No representative present at SEPS</p> <p>Approved at AS</p>

12.1	<p>Course Addition BUS 546 Data Mining for Business</p> <p>POSTPONE: Needs review by Data Mining and A&S</p> <p>3 credits</p> <p>Admission to MBA program or permission of MBA director.</p> <p>Business application of data mining techniques. Identifying hidden patterns and relationships within data to generate new information and business opportunities. Selected data mining tools and technologies will be used.</p>	BUS GR AS
12.10	<p>Course Revision AC 521 Accounting and Performance Measurement for Lean Enterprises</p> <p>Change title: Accounting for Lean Enterprises</p> <p>AC 500 or permission of the MBA Director or MS Technology Management Director or Department Chair.</p> <p>Performance metrics and financial reporting supporting continuous improvement and a lean culture, including value stream performance measurement and costing, features and characteristics costing, and target costing. No credit given to students with credit for AC 421</p>	BUS GR
12.11	<p>Course Revision AC 430 Accounting for Non-Profit Institutions</p> <p>Change number to AC 524:</p> <p>AC 531 or permission of the MBA Director or Department Chair</p>	BUS GR
12.12	<p>Course Revision AC 420 Managerial Analysis & Cost Control</p> <p>Change number to AC 520</p> <p>AC 500 or permission of the MBA Director or Department Chair.</p>	BUS GR
12.13	<p>Course Revision AC 407 Advanced Accounting</p> <p>Change number to AC 507</p> <p>AC 531 or permission of the MBA Director or Department Chair</p>	BUS GR

12.14	Course Deletion AC 421 Accounting for Lean Enterprises	BUS GR
12.21	Course Addition Bus 505 Quantitative Methods For Business POSTPONE: Needs review by Math and A&S Proposed Prerequisite: Acceptance into MBA program or permission of MBA Director Introduces students to the basics of statistical techniques for the MBA candidate. The course provides a framework, concepts, and tools for statistical analysis and decision making inferences. Topics include data analysis; probability distributions; random, discrete, and continuous distribution analysis; sampling distribution; hypothesis testing; analysis of variance; and introduction to regression analysis.	BUS GR AS
12.26	Course Addition MC 500 Leading Through Communication POSTPONE: Needs review by Communications and A&S Proposed Prerequisite: Acceptance into MBA program, acceptance into Master's of Communication program, or permission of MBA Director This course teaches Technical skills and necessary theoretical knowledge of managerial and leadership communication in specific business contexts. Topics include contemporary managerial writing, computer-mediated communications, interpersonal and group communication strategies as well as oral presentations involving the discussion of strategy and data.	BUS GR AS
12.29	Program Revision Master of Business Administration <u>Title:</u> Master of Business Administration <u>Proposed Description</u> The program is designed for part-time or full-time study. Prerequisite Foundational Courses may be waived based on prior education or experience.	BUS AS GR

	<p>AC500 Financial and Managerial Accounting Concepts FIN500 Managerial Finance LAW500 Business Law and the Legal Environment MGT500 Management of Contemporary Organizations MKT500 Marketing Management MC500 Leading through Communication MIS500 Management Information Systems BUS505 Quantitative Methods for Business</p> <p>Core Courses A common core of 15 credits: AC531 Accounting Information and Decision Making MIS531 Strategic IT Alignment FIN531 Corporate Finance MGT531 Managing and Leading in the Contemporary Organization MKT531 Strategic Marketing</p> <p>Tracks 12 credits of approved graduate course work in accounting, business analytics, or combination of approved graduate courses (AC521, AC540, AC542, AC544, AC546, AC548, AC524, AC507, AC520, BUS540, BUS542, BUS544, BUS546).</p> <p>Integrative Capstone Experience (Plan C) All students must successfully complete the integrative capstone experience. BUS580 Applied Business Research</p> <p>Proposed Credits: 30-54</p>	
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F. Consent Agenda for March Meetings

Biology		
1.1	Postponed	AS GR
Chemistry		

2.1	postponed	AS
2.2	postponed	AS
2.3	postponed	AS
Computer Science		
3.1	<p>Course Revision CS 210 Computing and Culture</p> <p>Change description to:</p> <p>Evolution of computing from early data processing to global networking. Examination of how society has accepted and transformed role of digital technology within its cultures and institutions. Emphasis on human-computer interaction, electronic communities, and examples of their applications. Online resources will be used. Does not count towards the Computer Science major. Skill Area IV</p>	AS GE
3.2	<p>Course Addition CS 225 Human-Computer Interaction</p> <p>Proposed Prereqs: CS 151, CS 152</p> <p>Proposed Description:</p> <p>Introduction to human-computer interaction (HCI). Introduces tools, techniques, and sources of information about HCI and provides a systematic approach to designing working prototypes. Increases appreciation of good design through observation of existing technology, and teaches the basic skills of task analysis, and analytic and empirical evaluation methods.</p> <p>3 credits</p>	AS
3.3	<p>Course Revision CS 492 Computer Security</p> <p>Prereqs: CS 253 and CS 254, or Permission of Department Chair, or admission to a graduate program in CIT. CS 501 and CS 502 are prerequisites for graduate students.</p> <p>Add GR credit</p>	AS GR

Educational Leadership		
4.1	<p>Course Addition EDL 594 Practicum I in Educational Leadership</p> <p>3 credits</p> <p>Prereqs: Completion of ED 517, ED 540, ED 598, EDL 523, EDL 524, EDL 555. With the approval of the department chair, one prerequisite may be taken with the field experience.</p> <p>Part one of a two-semester supervised practicum in educational leadership. Students initiate action plans, document collaborative initiatives, and implement curriculum, instructional and organizational change strategies promoting equitable outcomes for all students. GR</p>	SEPS GR
4.2	<p>Course Addition Practicum II in Educational Leadership</p> <p>3 credits</p> <p>Prereqs: EDL 594</p> <p>Part two of a two-semester supervised practicum in educational leadership. Students complete action plans to document collaborative initiatives, and evaluate curriculum, instructional, and organizational change strategies being implemented to promote equitable outcomes for all students.</p>	SEPS GR
4.3	<p>Course Revision ED 515 Professional Ethics and Law for Teachers</p> <p>Change title to: Professional Ethics and Law for Educators and Scholars</p> <p>Is this correct? The hardcopy form with signatures was not actually electronically submitted, so there is no electronic copy. There is form that was submitted for ED 515 as a Course Addition, but it has a completely different description form what is on the hardcopy.</p>	SEPS GR
4.4	<p>Course Deletion EDT 533 Distance Learning & Networking II</p> <p>.</p>	SEPS GR
4.5	<p>Course Revision EDL 681 The Superintendency I: Leading District Operations</p>	SEPS GR

	<p>Change title to : District Leadership: Governance/Leadership Issues</p> <p>Completion of requirements for 092 certification and/or permission of the Department Chair.</p> <p>This develops an understanding of the governance and leadership functions shared by Boards of Education and Central Office personnel. Attention will focus on the legal obligations of Boards of Education, issues related to governance of schools, the delineation of functions between Boards of Education and Central Office administrators, and the evolving nature of leadership</p>	
4.6	<p>Course Revision EDL 682 The Superintendency II: Board & Public Relations</p> <p>Change title to : District Leadership: Student Matters</p> <p>Prereq: EDL 681 or permission of the Department Chair.</p> <p>Develops an understanding of the role of the central office with respect to the delivery of educational services to students, Including the leadership roles of the superintendent, the central office and the Board of Education in developing an organizational learning culture designed to improve student achievement. Student matters include student rights, extra-curricular activities, disciplinary issues, Special Education, cultural diversity and alternative education.</p> <p>Note: This form was not completely submitted (stopped at step 2), so there is no online link or electronic copy. I had to type everything in manually so please check for typos.</p>	SEPS GR
4.7	<p>Course Addition EDL 683 District Leadership: Personnel/Operations Issues</p> <p>3 credits</p> <p>EDL 682 or permission of the department chairperson.</p> <p>Develops an understanding of employee relations and the support functions maintained by Boards of Education. Areas of focus will include contract negotiations, bargaining unit relationships, and the hiring, retention, and termination of staff. Operational topics will include finance, facilities, transportation, technology and food services.</p>	SEPS GR

4.8	<p>Program Revision Master of Science In Educational leadership</p> <p>This item has been withdrawn</p>	SEPS GR
4.9	<p>Program revision <u>MASTER OF SCIENCE IN EDUCATIONAL TECHNOLOGY</u></p> <p>The masters program will be reduced from 36 credits to 30 credits because content integrated into other courses. Deleted EDT 533 and EDT 521; removed EDT 514 from program, but will be offered as an optional course.</p> <p>Program Rationale:</p> <p>The educational technology program is an applied curriculum based on a balanced approach of theory (knowledge) and hands on (experience). The goal of this approach is for graduate students to develop into educational technology leaders in order to provide leadership and support for teachers and students. They will gain knowledge and experience in the following:</p> <ul style="list-style-type: none"> ◆ the instructional design process ◆ visual design ◆ visual literacy ◆ working with a range of software program ◆ working with a range of interactive delivery systems (video, audio, print, Web, multimedia, animation, iDVD, and podcasting) ◆ applying design and production skills to various instructional outcomes ◆ applying assessment rubrics (formative and summative evaluation) to completed instructional-based projects ◆ troubleshooting technology problems ◆ technology change management <p>A unique feature of the educational technology program is that all courses build on one another to provide maximum relevance, linkage, and unity. The master◆s program in educational technology underscores the need for competency and mastery for each course to be based on knowledge and performance.</p> <p>Students◆ skills and knowledge will be assessed on how well they are</p>	SEPS GR

applied to course projects. The performance criteria are as follows:

❖ content design❖ Does the project content reflect sound instructional strategies?

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❖ visual design❖ Does the overall look and appearance of the project capture the learners❖ attention and interest?

❖ technical considerations❖ Are technical decisions such as programming and visual and audio manipulation functional? Does the project work?

❖ evaluation❖ Does the program teach? Is there change in behavior?

Program Learning Outcomes:

Students are expected to:

❖ apply technology skills in the development of instruction;

❖ understand and apply instructional design process;

❖ apply production skills in the development of instruction;

❖ apply evaluation standards to various instructional programs;

❖ understand and apply the technology integration process;

❖ understand and apply inquiry skills in educational technology research; and

❖ demonstrate leadership skills in applying instructional technology in their respective working environments.

Course and Capstone Requirements:

Core Courses (24 credits):

EDT 500 Instructional Design and Evaluation I

EDT 501 Message Design and Production

EDT 510 Design Tools

EDT 512 Computer-based Instruction

EDT 521 Interactive Multimedia for Instruction I

EDT 522 Instructional Design and Evaluation II

EDT 531 Interactive Multimedia for Instruction II

EDT 532 Distance Learning and

Networking I
Professional Education (3 credits):
One of the following:
EDF 500 Contemporary Educational
Issues
EDF 516 School and Society
EDF 524 Foundations of Contemporary
Theories of Curriculum
EDF 525 History of American
Education
EDF 538 The Politics of Education
EDF 583 Sociological Foundations of
Education
or
EDT 514 Integrating Technology in the
Classroom Curriculum
Research and Capstone Requirements
(6 credits):
Plan E: EDT 598, Inquiry in Educational
Technology, and EDT 597, Final Project
Plan A (thesis) or Plan E (special project)
may be selected in consultation with the
advisor.
The purpose of the Masters Final Project
(MFP) is to allow graduate students to
complete a comprehensive instructional
project. The scope of MFP experience is
large and is different from a classroom project.
It is meant to act as a synthesis of students' total
classroom experiences. It is a
culminating experience that allows graduate
students to perform their skills in an independent
manner. The student must bear the
responsibility of the decisions and actions
taken at every level of the project. The faculty's
role is one of a sounding board and
not to influence or provide further training.
Students in the program cannot begin
the MFP without submitting a comprehensive
proposal. In addition, students must
have completed 24 credits of work before
enrolling in the summer EDT 597 Final
Project course.
Computer prerequisite: A valid CCSU
BlueNetID (username) and password.
Graduate students must also have a personal

	<p>computer and e-mail account.</p> <p>Special Service Course (undergraduate and graduate):</p> <p>EDT 490 Instructional Computing</p> <p>Note: Students interested in a School Library Media Specialist cross-endorsement should contact the Connecticut State Department of Education Certification Office.</p>	
4.10	<p>Program Revision <u>ADVANCED OFFICIAL CERTIFICATE PROGRAM IN SUPERINTENDENT OF SCHOOLS</u></p> <p>15 credits</p> <p>The program is designed for educational professionals seeking certification as a School District Superintendent (093). The core program consists of three courses on theory, research, and practice (EDL 681, EDL 682, and EDL 683) and two courses on district level practices (EDL 695 and EDL 696). Candidates complete 15 semester hours as mandated by State Department of Education. Courses to be approved by advisor are dependent on students prior coursework.</p>	SEPS GR
Engineering		
5.1	<p>Course Revision <u>ETM 497 Engineering Technology Senior Project Research</u></p> <p>Change prereqs to:</p> <p>ET 361 and ETM 462 (both may be taken concurrently) for Manufacturing Technology Students; ET 361 and ETM 367 (both may be taken concurrently) for Mechanical Engineering Technology Students</p>	SET
5.2	<p>Course Revision <u>ME 483 Aerodynamics</u></p> <p>Change prereqs to:</p> <p>MATH 222 and ME 354 (C- or higher)</p>	SET
History		

6.1	postponed	AS SEPS
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Modern Language

7.1	<p>Course Revision FR 315 Aspects of French History and Culture</p> <p>Change title to: Aspects of Francophone History and Culture</p> <p>Change description to:</p> <p>Study Area II [I]. Taught in French. Topics include relevant features of French speaking countries, with emphasis on physical and political geography, history, and culture.</p> <p>Change cycling to: Irregular</p>	AS GE
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Music

8.1	<p>Course Revision MUS 101 Practicum in Music Education</p> <p>Change description:</p> <p>Overview of topics related to a career in music education. Includes case study analysis, discussion of issues in music education, observations and reflections on classroom teaching and rehearsals, and laboratory in music education technology. Twelve hours of field experience required.</p>	AS SEPS
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Physical Ed. & Human Perform

9.1	<p>Course Revision EXS 207 Anatomy and Physiology in Exercise Science I</p> <p>Change from 4 to 3 credits (remove lab)</p> <p>Explores human structure and function of the musculoskeletal, integumentary, articular, nervous systems related to exercise. EXS 211 Lab must be taken concurrently for exercise science, athletic training, and pre-nursing majors.</p>	SEPS
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9.2	<p>Course Addition <u>EXS 211 Anatomy and Physiology in Exercise Science I Laboratory</u></p> <p>1 credit</p> <p>BIO 111 or BIO 121 or BMS 102 or BMS 111 (any with C- or higher). Open to exercise science, athletic training, physical education and pre-nursing majors only.</p> <p>Explores hands-on examination of the skeletal system, integumentary and bone histology, anatomical planes of movement, and the articular and muscle origin and insertions. EXS 207 must be taken concurrently for exercise science, athletic training, and pre-nursing majors</p>	SEPS
9.3	<p>Course Revision <u>EXS 208 Anatomy and Physiology in Exercise Science II</u></p> <p>Change from 4 to 3 credits (remove lab)</p> <p>Explores human structure and function of the cardiovascular, respiratory, digestive, urinary, reproductive, and endocrine systems related to exercise. EXS 212 Lab must be taken concurrently for exercise science, athletic training, and pre-nursing majors.</p>	SEPS
9.4	<p>Course Addition <u>EXS 212 Anatomy and Physiology in Exercise Science II Laboratory</u></p> <p>1 credit</p> <p>BIO 111 or BIO 121 or BMS 102 or BMS 111; CHEM 111, or CHEM 150, or CHEM 161 (any with C- or higher). Open to exercise science, athletic training, physical education and pre-nursing majors only.</p> <p>Explores measurement of physiological variables in the nervous, respiratory, cardiovascular, and skeletal muscle systems. EXS 208 must be taken concurrently for exercise science, athletic training, and pre-nursing majors.</p>	SEPS
9.5	<p>Course Deletion <u>EXS 213 Anatomy and Physiology in Human Performance I</u></p>	SEPS
9.6	<p>Course Deletion <u>EXS 214 Anatomy and Physiology in Human Performance II</u></p>	SEPS

Physics/ Earth Sciences		
10.1	<p>Program Revision: Major in Earth Sciences with Specialization in Earth Sciences, BS (Non-teaching, 36 credits)</p> <p>Change title to: Major in Earth Sciences, BS (Non-teaching, 36 credits)</p>	AS
10.2	<p>Program Revision: Major in Earth Sciences with Specialization in Geography, BS (Non-teaching, 36 credits)</p> <p>Change title to: Major in Geology, BS (Non-teaching, 36 credits)</p>	AS
10.3	<p>Program Revision: <u>Major in General Science: Specialization in Biology or Earth Sciences (Certifiable for elementary education, 39-42 credits)</u></p> <p>Core Requirements (23-27 credits)</p> <p>Science (3 credits) SCI 111 Elementary Earth and Physical Science 3</p> <p>Physics (3-4 credits) PHYS 111 Introductory Physics I 3 or PHYS 121 General Physics I 4</p> <p>Chemistry (4 credits) CHEM 161 General Chemistry I 3 CHEM 162 General Chemistry I Lab 1</p> <p>Biology (6-8 credits) Choose one sequence (A or B*) *Sequence B is required for Biology Specializations</p> <p>Sequence A BIO 211 Concepts in Biology 3 and BIO 111 Introductory Biology 3 or BIO 132 Introductory Ecology 3</p> <p>Sequence B BIO 121 General Biology I 4 and BIO 122 General Biology II 4</p>	AS SEPS

<p>Earth Science (7-8 credits) Choose one sequence below (A, B, or C)</p> <p>Sequence A ESCI 129 Introduction to Meteorology 4 ESCI 113 The Cosmos 3</p> <p>Sequence B ESCI 121 The Dynamic Earth 3 ESCI 125 The Dynamic Earth Lab 1 ESCI 141 Earth and Life History 3 ESCI 145 Earth and Life History Lab 1</p> <p>Sequence C ESCI 131 Environmental Geoscience 3 ESCI 135 Environmental Geoscience Lab 1 ESCI 141 Earth and Life History 3 ESCI 145 Earth and Life History Lab 1</p> <p>Specialization in Biology or in Earth Science: A minimum of 18 credits in either specialization below, including 6-8 credits in the core of the specialization</p> <p>Specialization in Biology-Core Biology Sequence B from the core requirements is mandatory for biology concentrations. BIO 200 General Biology III 4</p> <p>Choose BIO electives at the 300 or 400 level—6 to 11 credits as needed to reach 39 credits</p> <p>Specialization in Earth Science</p> <p>For those who completed Earth Science Sequence A</p> <p>ESCI 121 The Dynamic Earth 3 ESCI 125 Dynamic Earth Lab 1 OR ESCI 131 Environmental Geoscience 3 ESCI 135 Environmental Geoscience Lab 1 And ESCI 141 Earth and Life History 3 ESCI 145 Earth and Life History Lab 1</p> <p>For those who completed Earth Science Sequence B or C</p>	
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	<p>ESCI 129 Introduction to Meteorology 4 ESCI 208 Planetary Astronomy 4</p> <p>Choose ESCI electives as needed to reach 39 credits—3 credits must be taken at the 200-400 level</p> <p>Possible ESCI Electives</p> <p>ESCI 209 Stellar Astronomy 4 ESCI 278 Observational Astronomy 4 ESCI 290 Field Methods 2</p> <p>Note: Remove CHEM 102, CHEM 111, CHEM 163: and CHEM 164</p> <p>Remove: PHYS 113.</p> <p>Remove: PHYS 122, PHYS 125, PHYS 126.</p> <p>Add: SCI 111: Elementary Earth and Physical Science.</p>	
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MBA Program		
12.1	This item has been postponed to next month	
12.2	<p>Course Addition <u>BUS 544 Business Process Modeling</u></p> <p>3 credits</p> <p>Admission to MBA program or permission of MBA director</p> <p>Enterprise wide perspective on business processes. Modeling of business processes: analyzing, documenting, and assessing the efficiency and effectiveness of business processes. Improvement of business processes to minimize cost and maximize value creation.</p>	BUS GR
12.3	<p>Course Addition <u>BUS 542 Web Analytics</u></p> <p>3 credits</p> <p>Admission to MBA program or permission of MBA director.</p> <p>Exploring key concepts and best practices of web analysis. Using web analytic tools and techniques to learn how web analytics can drive higher profits, improve customer experience, and create measurable value for businesses.</p>	BUS GR

12.4	<p>Course Addition BUS 540 Business Intelligence and Analytics</p> <p>Admission to MBA program or permission of MBA director.</p> <p>Transforming enterprise-wide data into meaningful and useful information for business decision making using business intelligence (BI) and business analytics (BA) tools and technologies. Examining industry use of BI/BA to achieve competitive edge.</p>	BUS GR
12.5	<p>Course Addition AC 548 Contemporary Accounting Topics</p> <p>AC 531 or permission of the MBA Director</p> <p>Seminar course that provides a critical understanding of contemporary accounting topics. Subjects covered will vary from semester to semester. May be repeated with different topics for a maximum of 6 credits.</p>	BUS GR
12.6	<p>Course Addition AC 546 Advanced Forensic Accounting</p> <p>AC 531 or permission of the MBA Director</p> <p>In depth coverage of the most common fraud schemes including how they work, how they can be prevented, detected and investigated. Includes the use of digital analysis. Covers legal issues associated with fraud investigation and expert witnessing.</p>	BUS GR
12.7	<p>Course Addition AC 544 Financial Statement Analysis and Valuation</p> <p>AC 531 or permission of the MBA Director</p> <p>How to extract and synthesize information from financial statements for investing in business and how to conduct fundamental analysis to determine the underlying value of the firm. Students should have knowledge of financial accounting and valuation theory</p>	BUS GR
12.8	<p>Course Addition AC 542 Tax Issues in Business Decisions</p> <p>AC 531 or permission of the MBA Director.</p> <p>The implications that taxation has on business operations, investment decisions, and financial statements. Practical tools to identify, understand, and evaluate tax planning opportunities.</p>	BUS GR

12.9	<p>Course Addition AC 540 Global Financial Reporting and Analysis</p> <p>AC 531 or permission of the MBA Director or Department Chair.</p> <p>A holistic view of the global financial reporting framework and financial statement analysis in a global corporate context.</p>	BUS GR
12.10	This item has been postponed to next month	BUS GR
12.11	This item has been withdrawn	BUS GR
12.12	This item has been withdrawn	BUS GR
12.13	This item has been withdrawn	BUS GR
12.14	This item has been withdrawn	BUS GR
12.15	<p>Course Addition BUS 580 Applied Business Research</p> <p>Completion of core requirements; at least three specialization courses or permission of MBA director</p> <p>Requires students to use business knowledge and leadership skills to tackle an important challenge facing a company or organization. Students are required to form teams of 3-4 and identify a company and faculty advisor(s).</p>	BUS GR
12.16	<p>Course Addition MGT 531 Managing and Leading in the Contemporary Organization</p> <p>Admission to MBA program or permission of MBA director</p> <p>Introduces and applies self-management, small group dynamics and leadership</p>	BUS GR

	theories and techniques. Provides both a theoretical and practical basis on leadership. Students are expected to practice the course content through self-defined projects, typically in their workplace.	
12.17	<p>Course Addition MIS 531 Strategic IT Alignment</p> <p>Admission to the MBA program or permission of MBA Director</p> <p>Enterprise-wide perspective on IT leadership. Focuses on how IT professionals, non-technical managers, and external service providers work together to ensure that applications, data, and knowledge align with organizational strategy and business processes.</p>	BUS GR
12.18	<p>Course Addition MKT 531 Strategic Marketing</p> <p>Admission to the MBA program or permission of MBA Director</p> <p>Expands the application of marketing fundamentals concepts from tactical to strategic level decision making. Provides experiences in creating customer-driven and market-driven strategies for a firm's success, and in determining what each marketing mix element contributes to the goals of the business unit..</p>	BUS GR
12.19	<p>Course Addition FIN 531 Corporate Finance</p> <p>Admission to the MBA program or permission of the MBA Director</p> <p>The basics of the corporate financial decision-making process. Provides a framework, concepts, and tools for analyzing financial decisions based on fundamental principles of modern financial theory</p>	BUS GR
12.20	<p>Course Revision AC 531 Accounting Information for Decision Making</p> <p>Admission to MBA program or permission of MBA director</p> <p>Explores the use of financial accounting information to support decision-making, the effects of external financial reporting on business and investment decisions, and the use of financial and managerial accounting information to manage costs and evaluate performance throughout the organization.</p>	BUS GR
12.21	This item has been postponed to next month	BUS GR

12.22	Course Addition LAW 500 Business Law and the Legal Environment Legal principles affecting management, marketing, accounting, finance and technology. Review of the social responsibility of business, constitutional and administrative law, torts, contracts, commercial transactions, agency, business organizations and bankruptcy.	BUS GR
12.23	Course Addition FIN 500 Managerial Finance A fundamental understanding of the basic principles, concepts and analytical tools of finance. Emphasizes corporate decision-making and skills applicable to personal finance and small business decision making.	BUS GR
12.24	Course Addition AC 500 Financial and Managerial Accounting Concepts An introduction to financial and managerial accounting concepts and principles. Provides overview of how financial accounting information is gathered and reported, the structure and content of financial statements, and the use of financial and managerial accounting information for planning, performance evaluation, and decision-making.	BUS GR
12.25	Course Addition MIS 500 Management Information Systems Use of information systems and technology to improve organizational performance, collaborative work, and personal productivity. Leadership skills in guiding personnel through technology-driven change.	BUS GR
12.26	This item has been postponed to next month	BUS GR
12.27	Course Addition MGT 500 Management of Contemporary Organizations Focuses on learning the structure and process of complex and dynamic contemporary organizations. Students will also develop skills and knowledge needed to successfully manage employees in such organizations.	BUS GR
12.28	Course Addition MKT 500 Marketing Management Investigates activities planned by a firm to create and enhance customer value. Examines strategies that integrate the market place, competitive environment	BUS GR

	and core competencies of the firm to acquire and retain customers.	
12.29	Program Revision Master of Business Administration This item has been postponed to next month	BUS GR

List of courses to be automatically deleted (updated 3/31/14)

Every two years, the curriculum committee is required to review all courses that have not been offered during the previous four years. These courses are slated for automatic deletion from the catalog in May.

If you want to retain any of these courses, the Department Chair or Curriculum Committee representative should contact me before April is over, and I will remove them from the deletion list. If you do not wish to retain any of these courses you could either do nothing, or you could explicitly instruct me to do so, and the course will be deleted from future catalogs.

Subj Code	Crse Numb	Term Last Offered
ACTL	480	200910
AMS	322	200540
AMS	332	200740
AMS	341	200740
AMS	345	200640
AMS	422	200540
AMS	430	200540
AMS	448	200740
ARSC	495	201040
ART	210	201010
ART	349	200840
ART	408	200640
ART	411	200840
ART	449	200840
ART	599	201040
BE	450	201010
BE	524	201010
BE	530	201010
BE	598	201010
BIO	450	201040
BIO	520	200740
CHEM	459	201040
CHIN	475	200810
COMM	544	200810
COMM	562	200410
DES	498	201040
ESCI	101	201010
ET	300	200740

ETC	577	200910
ETM	423	200810
ETM	454	200850
ETM	460	200650
ETM	468	200910
ETM	542	201040
FA	490	200850
FR	261	200310
HIST	343	200810
HIST	415	201040
HIST	435	200740
HIST	436	200540
HIST	481	200710
HIST	563	200550
LAS	235	200640
LAS	316	201040
LAS	375	201040
LAS	428	200840
LAS	436	201040
MATH	300	200810
PE	101	200850
PE	102	200850
PE	103	200850
PHYS	332	200640
PSY	460	200540
PSY	526	200510
REC	141	201010
REC	162	200320
REC	169	200650
REC	170	200820
REC	171	200820
ROOM	000	200950
SCI	485	201040
SOC	336	200840
SOC	425	200810
SPED	430	200240
SPED	431	200610
SPED	433	200310
SPED	434	200310
SPED	435	200310
SPED	436	200340
SPED	437	200340
SPED	519	200740
SPED	534	200840

SPED	541	200810
SPED	580	200910
SPED	581	200850
SSCI	499	201010
TH	471	201010
TH	490	200650

All items Approved

Meeting adjourned at 4:15