TO: All Members, University Curriculum Committee; Department Chairs
FROM: Mark Jackson, Chair, University Curriculum Committee
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SUBJ: Primary Agenda for the 5th Round of Curriculum Meetings v3

This is the Primary agenda of the 5th round of University Curriculum Committee meetings for the academic year 2013-2014. To view course and program submissions, click on their hyperlinks underlined and in blue below. Electronic submissions may be viewed by clicking on their hyperlinks underlined and in blue below. Keep in mind that the version of each proposal that appears below may reflect corrections to the electronic submissions. Representatives should make sure that the version of their proposals appearing below accurately represent what they propose.

SEPS Subcommittee	3/25/14	12:15 PM	HB 222
Business Subcommittee	3/12/14	1:00 PM	Vance 466
A&S Subcommittee	3/12/14	3:15 PM	Vance 105
SET Subcommittee	3/13/14	12:40 PM	NC 204 conference room
Grad Curriculum Subcommittee	3/13/14	3:00 PM	Vance 106
Gen Ed Subcommittee	3/26/14	3:15 PM	SpragCarleton, Student Center
Graduate Studies (see Note #3)	3/27/14	3:00 PM	SpragCarleton, Student Center
Full Curriculum Committee	4/2/14	3:15 PM	Vance 105

REMINDERS:

- If you are creating a new course, please check with Matthew Bielawa (bielawam@mail.ccsu.edu) for available course numbers
- If an agenda item lacks a sponsor qualified to answer questions about the item, it will automatically be postponed to the next round of meetings in all subcommittees.
- The new shadow catalog can be found at www.ccsu.edu/admin ,

- User name: catalog; Password: newcat
- Click on the tab on the top right called “Unpublished” to see the shadow catalog. You can toggle back and forth between the current and unpublished catalogs by clicking on the “published” and “unpublished” tabs

Primary Agenda

A. Review and approve minutes of previous meetings

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. 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

D. Old Business:

Construction Management		
D2.1	**Course Revision** CM 135 Construction Graphics/Quantity Take-Off Change prereqs to MATH101 or Placement Exam, and CET113 (may be taken concurrently) 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. Note: postponed to April pending A&S signature	**AS**
Biology		
D3.1	**New Course** BIO 403 Human Reproductive Biology BIO 200 and BIO 290, or BMS 201 and BMS 390, or permission of department chair Human reproductive anatomy and physiology, including fertilization, embryonic/fetal development and pregnancy, contraception, and assisted reproductive technologies. In addition, non-human species will be briefly examined. Will also include analysis of topics related to human reproduction reported in the media and in scientific literature	**AS** **SEPS**
Computer Science		
D4.1	**Course Revision** CS 492 Computer Security	**AS**

	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. Allow GR credit Note: This item was approved by GR with the amendments shown in red, which differ from what was originally approved by AS	

E. New Business

Biology		
1.1	**Course Revision** BIO 402 Evolutionary & Ecological Genetics **Change title to**: Population Genetics **Change prereqs to:** BIO 200 and Bio 290 and BMS 306 or permission of instructor **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.	**AS** **GR**
Chemistry		
2.1	**Course Revision** CHEM 200 Foundations of Analytical Chemistry **Change prereqs to:** Grade of C- or better in CHEM 161 and CHEM 162	**AS**
2.2	**Course Revision** CHEM 210 Foundations of Organic Chemistry **Change prereqs to:** Grade of C- or better in CHEM 161 and CHEM 162	**AS**
2.3	**Course Revision** CHEM 260 Foundations of Inorganic Chemistry **Change prereqs to:** Grade of C- or better in CHEM 161 and CHEM 162	**AS**

Computer Science		
3.1	**Course Revision** CS 210 Computing and Culture Change description to: 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	**AS** **GE**
3.2	**Course Addition** CS 225 Human-Computer Interaction **Proposed Prereqs:** CS 151, CS 152 **Proposed Description:** This course provides an overview and introduction to the field of human-computer interaction (HCI). It introduces computer science students to tools, techniques, and sources of information about HCI and provides a systematic approach to designing working prototypes. The course increases appreciation of good design through observation of existing technology, and teaches the basic skills of task analysis, and analytic and empirical evaluation methods. 3 credits	**AS**
Educational Leadership		
4.1	**Course Addition** EDL 594 Practicum I in Educational Leadership 3 credits 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. 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	**SEPS** **GR**

4.2	**Course Addition** Practicum II in Educational Leadership 3 credits Prereqs: EDL 594 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.	**SEPS** **GR**
4.3	**Course Revision** ED 515 Professional Ethics and Law for Teachers Change title to: Professional Ethics and Law for Educators and Scholars 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.	**SEPS** **GR**
4.4	**Course Deletion** EDT 533 Distance Learning & Networking II .	**SEPS** **GR**
4.5	**Course Revision** EDL 681 The Superintendency I: Leading District Operations Change title to : Executive Function-Central Office Leadership: Governance/Leadership Issues Completion of requirements for 092 certification and/or permission of the Department Chair. 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	**SEPS** **GR**
4.6	**Course Revision** EDL 682 The Superintendency II: Board & Public Relations 3 Change title to : Executive Function-Central Office Leadership: Student	**SEPS GR**

	Matters Prereq: EDL 681 or permission of the Department Chair. 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 maters include student rights, extra-curricular activities, disciplinary issues, Special Education, cultural diversity and alternative education. 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.	
4.7	**Course Addition** EDL 683 Executive Function-Central Office Leadership: Personnel/Operations Issues 3 credits EDL 682 or permission of the department chairperson. 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.	**SEPS** **GR**
4.8	**Program revision** MASTER OF SCIENCE IN EDUCATIONAL LEADERSHIP Program Rationale: The masters degree in educational leadership is designed to prepare teacher leaders who are capable of enhancing the effectiveness of their organizations. There are two strands from which students may choose. Strand I: Educational Leadership (30 credits) is designed to prepare graduates to assume teacher leadership positions within their schools or organizations. Strand II: Teacher Leadership (30-36 credits) is	**SEPS** **GR**

	designed to prepare graduates to assume roles involving curriculum renewal and evaluation. Program Learning Outcomes: Students in the program are expected to: • design, implement, and evaluate instructional programs to promote student learning; • develop learning programs that are responsive to cultural and learning differences; • conduct fair, equitable, and effective classroom supervision; • design, implement, and evaluate professional development activities that promote teacher learning; • use standardized and classroom-based student performance data to improve student learning; and • understand, interpret, and critique educational research. The admission standard for the Educational Leadership M.S. program includes either a 3.00 undergraduate GPA or a 2.70 GPA with a 3.00 upper-level GPA. Course and Capstone Requirements: Core Requirements (18 credits): EDF 515 Law and Ethics for Educators and School Personnel OR EDF 500 Contemporary Educational Issues (or EDF 516, 524,525, 538, 583) ED 517 Evaluation ED 520 Instructional Program for Diverse Learners EDL 523 Collaboration, Coaching, and Instructional Leadership EDL 524 Leadership and the Dynamics of Organizational Change ED 540 Educational Motivation and the Learning Process EDL 555 Leadership for Culturally Diverse Schools ED 598 Research in Education EDL 594 Practicum I Educational Leadership EDL 595 Practicum II Educational Leadership Strand Requirements and Electives Strand I Educational Leadership Required courses (18 credits): ED 520 Instructional Program for Diverse Learners EDL 523 Collaboration, Coaching, and Instructional Leadership EDL 524 Leadership and Dynamics of Organizational Change EDL 555 Leadership for Culturally Diverse Schools ED 591 Curriculum, Instruction, and Assessment I ED 592 Curriculum, Instruction, and Assessment II Elective courses (6 credits):	

	Students select advisor-approved elective courses to complete their graduate programs Strand II ◆ Teacher Leadership Required courses (30 credits): ED 517 Evaluation EDL 523 Collaboration, Coaching, and Instructional Leadership EDL 524 Leadership and the Dynamics of Organizational Change ED 540 Educational Motivation and the Learning Process EDL 555 Leadership for Culturally Diverse Schools ED 591 Curriculum, Instruction, and Assessment I ED 598 Research in Education Elective courses (6 credits): ED 594 Practicum I Educational Leadership ED 595 Practicum II Educational Leadership Students select advisor-approved elective courses to complete their graduate programs Note: While students may take some courses as non-matriculated students, they must be accepted into the program before taking a fourth 500-level course. 500-level courses beyond the third course will not count toward program completion.	
4.9	**Program revision** MASTER OF SCIENCE IN EDUCATIONAL TECHNOLOGY 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. Program Rationale: The educational technology program is an applied curriculum based on a balanced approach of theory (knowledge) and handson (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: ◆ the instructional design process ◆ visual design ◆ visual literacy ◆ working with a range of software program	**SEPS** **GR**

	• 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 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. Students' skills and knowledge will be assessed on how well they are applied to course projects. The performance criteria are as follows: • content design—Does the project content reflect sound instructional strategies? SCHOOL OF EDUCATION AND PROFESSIONAL STUDIES 69 • 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 computer and e-mail account. Special Service Course (undergraduate and graduate): EDT 490 Instructional Computing Note: Students interested in a School Library Media Specialist cross-endorsement should contact the Connecticut State Department of Education Certification Office.	
4.10	**Program Revision** ADVANCED OFFICIAL CERTIFICATE PROGRAM IN SUPERINTENDENT OF SCHOOLS **15 credits** 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.	**SEPS** **GR**
Engineering		

5.1	**Course Revision** ETM 497 Engineering Technology Senior Project Research **Change prereqs to:** 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	**SET**
5.2	**Course Revision** ME 483 Aerodynamics **Change prereqs to:** MATH 222 and ME 354 (C- or higher)	**SET**
History		
6.1	**Program Revision** Major in History, B.S. (Certifiable for secondary teaching of history and social studies) 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 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.) 12 credits in 400-level history courses and 12 credits in social science from the following: PS 104 The World's Political Systems 3 or PS 110 American Government & Politics 3 ECON 200 Principles of Economics I	**AS** **SEPS**

	3 ECON 201 Principles of Economics II 3 SOC 110 Introductory Sociology 3 Related Requirements ANTH 140 Introduction to Anthropology 3 GEOG 110 Introduction to Geography 3 or GEOG 120 World Regional Geography 3 For additional course requirements in education, consult with the School of Education and Professional Studies. No minor is required of students in this major. The department believes that many History BSED students would benefit from more training in US history at the highest level of undergraduate education--namely, 400-level courses. Therefore, while not changing the number of required credits in this major, we would like to allow BSED students to take 12 credits of US history at the 300 or 400 level, as opposed to 12 credits only at the 300 level.	
Modern Language		
7.1	**Course Revision** FR 315 Aspects of French History and Culture **Change title to**: Aspects of French History and Culture **Change description to:** 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. **Change cycling to**: Irregular	**AS** **GE**
Music		

8.1	**Course Revision** MUS 101 Practicum in Music Education Change description: 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 (12) hours of field experience required.	**AS** **SEPS**
Physical Ed. & Human Perform		
9.1	**Course Revision** EXS 207 Anatomy and Physiology in Exercise Science I Change from 4 to 3 credits (remove lab) 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.	**SEPS**
9.2	**Course Addition** EXS 211 Anatomy and Physiology in Exercise Science I Laboratory 1 credit 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. 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	**SEPS**
9.3	**Course Revision** EXS 208 Anatomy and Physiology in Exercise Science II Change from 4 to 3 credits (remove lab) 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.	**SEPS**

9.4	**Course Addition** EXS 212 Anatomy and Physiology in Exercise Science II Laboratory 1 credit 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. 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.	**SEPS**
9.5	**Course Deletion** EXS 213 Anatomy and Physiology in Human Performance I	**SEPS**
9.6	**Course Deletion** EXS 214 Anatomy and Physiology in Human Performance II	**SEPS**
Physics/ Earth Sciences		
10.1	**Program Revision:** Major in Earth Sciences with Specialization in Earth Sciences, BS (Non-teaching, 36 credits) **Change title to:** Major in Earth Sciences, BS (Non-teaching, 36 credits)	**AS**
10.2	**Program Revision:** Major in Earth Sciences with Specialization in Geography, BS (Non-teaching, 36 credits) **Change title to:** Major in Geology, BS (Non-teaching, 36 credits)	**AS**
10.3	**Program Revision:** Major in General Science: Specialization in Biology or Earth Sciences (Certifiable for elementary education, 39-42 credits) Core Requirements (23-27 credits) Science (3 credits) SCI 111 Elementary Earth and Physical Science 3 Physics (3-4 credits) PHYS 111 Introductory Physics I 3 or PHYS 121 General Physics I 4	**AS** **SEPS**

	Chemistry (4 credits) CHEM 161 General Chemistry I 3 CHEM 162 General Chemistry I Lab 1 Biology (6-8 credits) Choose one sequence (A or B*) *Sequence B is required for Biology Specializations Sequence A BIO 211 Concepts in Biology 3 and BIO 111 Introductory Biology 3 or BIO 132 Introductory Ecology 3 Sequence B BIO 121 General Biology I 4 and BIO 122 General Biology II 4 Earth Science (7-8 credits) Choose one sequence below (A, B, or C) Sequence A ESCI 129 Introduction to Meteorology 4 ESCI 113 The Cosmos 3 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 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 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 Specialization in Biology-Core Biology Sequence B from the core requirements is mandatory for biology concentrations.	

	BIO 200 General Biology III 4 Choose BIO electives as needed to reach 39 credits—6 to 11 credits must be taken at the 300 or 400 level Specialization in Earth Science For those who completed Earth Science Sequence A 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 For those who completed Earth Science Sequence B or C ESCI 129 Introduction to Meteorology 4 ESCI 208 Planetary Astronomy 4 Choose ESCI electives as needed to reach 39 credits—3 credits must be taken at the 200-400 level Possible ESCI Electives ESCI 209 Stellar Astronomy 4 ESCI 278 Observational Astronomy 4 ESCI 290 Field Methods 2 Note: Remove CHEM 102: CHEM of Nutrition and CHEM 111: Intro to CHEM,CHEM 163: GEN CHEM II and CHEM 164: GEN CHEM II Lab. These courses are no longer offered. Remove: PHYS 113. This course has not been offered during the past two+ years. Remove: PHYS 122: Gen PHYS II, PHYS 125 UNIV. PHYS I, PHYS 126 UNIV. PHYS II. These were deleted from the program because Elementary Ed majors do not have the math requirements. Add: SCI 111: Elementary Earth and Physical Science. This is to replace the lost physical science courses (PHYS/CHEM). It is presently required for all other ELEM ED majors.	

	Add: Elective, either BIO or ES specialization.	
MBA Program		
12.1	**Course Addition** BUS 546 Data Mining for Business POSTPONE: Needs review by Data Mining and A&S 3 credits Admission to MBA program or permission of MBA director. 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.	**BUS** **GR**
12.2	**Course Addition** BUS 544 Business Process Modeling 3 credits Admission to MBA program or permission of MBA director 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.	**BUS** **GR**
12.3	**Course Addition** BUS 542 Web Analytics 3 credits Admission to MBA program or permission of MBA director. 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.	**BUS** **GR**
12.4	**Course Addition** BUS 540 Business Intelligence and Analytics Admission to MBA program or permission of MBA director. 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	**BUS** **GR**

	achieve competitive edge.	
12.5	**Course Addition** AC 548 Contemporary Accounting Topics AC 531 or permission of the MBA Director 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.	**BUS** **GR**
12.6	**Course Addition** AC 546 Advanced Forensic Accounting AC 531 or permission of the MBA Director In depth coverage of the most common fraud schemes including how they work, how they can be effectively prevented, detected and investigated including the use of digital analysis. In addition, the course will cover legal issues associated with fraud investigation and expert witnessing.	**BUS** **GR**
12.7	**Course Addition** AC 544 Financial Statement Analysis and Valuation AC 531 or permission of the MBA Director The course delivers how to extract and synthesize information for investing in business from financial statements. Investors want to know the underlying value of firms for trading. This course provides how to conduct fundamental analysis to satisfy investors' needs. Students should have knowledge on financial accounting and valuation theory.	**BUS** **GR**
12.8	**Course Addition** AC 542 Tax Issues in Business Decisions AC 531 or permission of the MBA Director. A study of the implications that taxation has on business operations, on investment decisions, and on financial statements. This course will offer students the practical tools to identify, understand, and evaluate tax planning opportunities.	**BUS** **GR**
12.9	**Course Addition** AC 540 Global Financial Reporting and Analysis AC 531 or AC 313 (C- or higher) or equivalent, or permission of the MBA Director. The overall aim of the course is to provide students with a holistic view of the	**BUS** **GR**

	global financial reporting framework and financial statement analysis in a global corporate context.	
12.10	**Course Revision** AC 521 Accounting and Performance Measurement for Lean Enterprises Change title: Accounting for Lean Enterprises AC 500, or AC 301 (C- or higher), or equivalent, or permission of the MBA Director or MS Technology Management Directors or Department Chair. 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	**BUS** **GR**
12.11	**Course Revision** AC 430 Accounting for Non-Profit Institutions Change number to AC 524: AC 531, or AC 313 (C- or higher), or equivalent, or permission of the MBA Director or Department Chair.	**BUS** **GR**
12.12	**Course Revision** AC 420 Managerial Analysis & Cost Control Change number to AC 520 AC 500, or AC 301 (C- or higher), or equivalent, or permission of the MBA Director or Department Chair.	**BUS** **GR**
12.13	**Course Revision** AC 407 Advanced Accounting Change number to AC 507 AC 313 (C- or higher), and admission to the upper division of the Business School	**BUS** **GR**
12.14	**Course Deletion** AC 421 Accounting for Lean Enterprises	**BUS** **GR**
12.15	**Course Addition** BUS 580 Applied Business Research	**BUS**

	Completion of core requirements; at least three specialization courses or permission of MBA director Requires each participant to use his or her business knowledge and leadership skills to tackle an important challenge facing a company or organization. The student would be required to form teams of 3-4 and identify a company and faculty advisor (or faculty team). ~~Although each project is unique, each participant will develop a detailed statement of work based on a real company, define goals and objectives, conduct primary and secondary research as needed, perform quantitative and/or qualitative analysis, develop and test solutions, formulate options and recommendations, produce professional written deliverables, and deliver a final oral presentation to the company, capstone advisor(s) and the university.~~	**GR**
12.16	**Course Addition** MGT 531 Managing and Leading in the Contemporary Organization Admission to MBA program or permission of MBA director This course introduces and applies self-management, small group dynamics and leadership theories and techniques. The course would provide both a theoretical and practical basis on leadership. Students are expected to practice the course content through self-defined projects, typically in their workplace. The overall aim is to make students more effective in their perceptions of themselves and others, have theoretical and practical tools for guiding interaction with others, and to exercise that knowledge to a point where the tools become practical sources of managerial and leadership effectiveness.	**BUS** **GR**
12.17	**Course Addition** MIS 531 Strategic IT Alignment Admission to the MBA program or permission of MBA Director 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.	**BUS** **GR**
12.18	**Course Addition** MKT 531 Strategic Marketing Admission to the MBA program or permission of MBA Director Builds upon concepts from marketing fundamentals by expanding the application of those concepts from tactical to the strategic level marketing decision making. It provides students with experiences in creating customer-driven and market-driving strategies for a firm's success. Rather than focusing	**BUS** **GR**

	upon choosing the right level of a particular marketing mix element, students will instead focus upon determining what each element must accomplish in order for it to contribute to obtaining the goals of the business unit.	
12.19	**Course Addition** FIN 531 Corporate Finance Admission to the MBA program or permission of the MBA Director This course introduces students to the basics of the corporate financial decision-making process. The primary objective is to provide a framework, concepts, and tools for analyzing financial decisions based on fundamental principles of modern financial theory. Topics include time value of money, discounted cash flow techniques, valuation of stocks and bonds, overview of financial statements and financial statement analysis, risk and return, equilibrium asset pricing, corporate capital budgeting and valuation, cost of capital, capital structure decisions and dividend policy.	**BUS** **GR**
12.20	**Course Revision** AC 531 Accounting Information for Decision Making Admission to MBA program or permission of MBA director 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 non-financial managerial accounting information to manage costs and evaluate performance throughout the organization.	**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**
12.22	**Course Addition** LAW 500 Business Law and the Legal Environment	**BUS**

	This course introduces students to legal principles affecting management, marketing, accounting, finance and technology. Included is a review of the social responsibility of business, constitutional and administrative law, torts, contracts, commercial transactions, agency, business organizations and bankruptcy.	**GR**
12.23	**Course Addition** FIN 500 Managerial Finance This course is designed to develop a fundamental understanding of the basic principles, concepts and analytical tools of finance. This occurs through understanding the time value of money, discounted cash flow analysis, valuation of stocks and bonds, capital markets, financial statements and financial statement analysis, risk and return, equilibrium asset pricing, capital budgeting, cost of capital, and capital structure decisions. Although this course emphasizes corporate decision-making, the skills obtained will also aid the student in personal finance and small business decision making.	**BUS** **GR**
12.24	**Course Addition** AC 500 Financial and Managerial Accounting Concepts Provides an introduction to financial and managerial accounting concepts and principles. Provides overview of how financial accounting information is gathered and reported, and of the structure and content of external financial statements. Provides an overview of managerial accounting concepts and the use of financial and non-financial 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	**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	**BUS** **GR**

	oral presentations involving the discussion of strategy and data.	
12.27	**Course Addition** MGT 500 Management of Contemporary Organizations A contemporary organization is embedded in the ~~constantly changing and~~ diverse environment; and the organization has to continually renew itself and adapt to its dynamic environment. It focuses on learning the structure and process of such 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. Strategies designed by managers which integrate market place, competitive environment and core competences of the firm to acquire and retain customers will be examined.	**BUS** **GR**
12.29	**Program Revision** Master of Business Administration **Title**: Master of Business Administration **Proposed Description** The program is designed for part-time or full-time study. Prerequisite Foundational Courses may be waived based on prior education or experience. 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 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	**BUS** **GR**

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).

Integrative Capstone Experience (Plan C)
All students must successfully complete the integrative capstone experience.
BUS580 Applied Business Research

Proposed Credits: 30-54

List of courses to be automatically deleted (updated 3/7/14)

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	410	200650
BIO	450	201040
BIO	520	200740

	CHEM	459	201040	
	CHIN	475	200810	
	COMM	544	200810	
	COMM	562	200410	
	DES	498	201040	
	ECON	250	200950	
	ECON	311	200940	
	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	
	PE	522	200740	
	PHYS	332	200640	
	PSY	460	200540	
	PSY	497	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	