

# University Curriculum Committee Meeting

April 23, 2019  
3-5 p.m., HCC 550

## Agenda

### 1. Information Items

#### a. Deadlines:

- i. SPRING & SUMMER 2020 SCHEDULE IMPORTANT DATES
  1. Course fee additions or changes must be presented to the UCC by the August meeting.
  2. Course additions or changes must be presented to the UCC by the September meeting.
- ii. FALL 2020 SCHEDULE AND 2020-21 CATALOG CHANGE  
IMPORTANT DATES THIS IS A MONTH EARLIER THAN LAST YEAR!
  1. Course fee and course additions or changes must be presented to the UCC by the January meeting.
  2. Program additions or changes must be presented to the UCC by the January meeting.

### 2. Program Action Items

Action Item (See attached documents)	College/Proposer
New Minor in Family Studies and Human Development	Cari Buckner
New Certificate in Gerontology	Cari Buckner

College	Program	Proposed Change
BU	BS in Accounting BS in Finance BS in Business Administration and emphases BS in Information Systems and Analytics BS in Marketing	Change to BUS 1050 or BUS 2000 or transfer students with 60 or more credits; change to BUS 3000 or ACCT 3001 or FIN 3001; change to MGMT 3100 or ENGL 3010.
HO	BS in Recreation & Sport Management Emphasis in Experience Industry Management	Remove MGMT 2620 from electives list

HU	Minor in Nonprofit Management	Remove MGMT 2620 and replace with MGMT 2640
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### 3. Curriculum Action Proposals (See attached UCC Curriculum Action Items 9.25.18.xlsx for details)

A = Add, C = Change, D = Discontinue, F = Fee

FA = The Arts, BU = Business & Communication, ED = Education, HO = Health Sciences, HU = Humanities and Social Sciences, SC = Science & Technology

College	Action	Detail/Other School Impacted	Course	Course Title
BU	C, F	Add fee of \$25	CIS 2010	Business Computer Proficiency
ED	A	New course	FSHD 2045	Physical Activity, Nutrition, & Health in Aging
ED	A	New course	FSHD 2100	Family Resource Management
ED	A	New course	FSHD 2660	Parenting and Child Guidance
ED	A	New course	FSHD 3300	Family Theories
ED	A	New course	SCED 3400	Current Issues in Human Development and Family Studies
ED	A	New Course	FSHD 3570	Adolescent Development: 9 - 18
ED	A	New course	FSHD 4500	Family Life Education Methodology
HO	A	New Course	RSM 3330	Foundations of Recreational Therapy
HO	A	New Course	RSM 3360	Assessment and Documentation in Recreational Therapy
SC	C	Change prerequisites	MATH 1010	Intermediate Algebra
SC	A	New course	MATH 3010	Algebra for Secondary Mathematics Teaching
SC	A	New course	MATH 3020	Geometry and Statistics for Secondary Mathematics Teaching
SC	A	New course	MECH 3302	Solid Mechanics: Strength of Materials (2/2)
SC	A	New Course	MECH 3602	Thermofluids: Thermodynamics (2/2)

### 4. Curriculum Consent Proposals

See UCC Curriculum Consent Items 4.23.19.xlsx document

### 5. CLOs for approval

See UCC CLO List 4.23.19.xlsx document

**6. Next Meetings – in HCC 550.**

- a. Aug 27, 2019
- b. Sept 24, 2019
- c. Oct 22, 2019
- d. Nov 19, 2019
- e. Dec 17, 2019
- f. Jan 28, 2020
- g. Feb 25, 2020
- h. Mar 24, 2020
- i. Apr 28, 2020

## UCC Curriculum Action Items

23-Apr-19

Code	Field	Old Value	New Value
CIS 2010	Effective Semester		Spring 2020
	Course/Lab Fees		25   BUS303
	Course/Change Justification		CIS 1200 has the \$25 fee that used to cover all the cost of software and computers in our labs for students of both CIS 1200 and CIS 2010. However, since CIS 1200 is no longer a course satisfying the institutional requirement for computer literacy, the enrollment in this course has been falling. For example, while in Spring 2018 we had a total enrollment of 476 students in all sections of CIS 1200, In Spring 2019, we have only 89 students enrolled in all sections of that course. Enrollment in CIS 1200 is expected to fall even more in the upcoming semesters. To maintain the funding for the upkeep of our computers and new software purchase, we have to place the fee on our CIS 2010 course in addition to the CIS 1200 course.
FSHD 2045	Added		
FSHD 2100	Added		
FSHD 2660	Added		
FSHD 3300	Added		
FSHD 3400	Added		
FSHD 3570	Added		
FSHD 4500	Added		
MATH 1010	Effective Semester		Spring 2020
	Catalog Prerequisites	MATH 0900 (Grade C or higher), OR ACT math score of 18 or higher or equivalent placement score, within two years of enrollment in this course.	MATH 0900 or MATH 0980 (Grade C or higher), OR ACT math score of 18 or higher or equivalent placement score, within two years of enrollment in this course.
	Catalog Description	Prepares students for courses that fulfill the General Education Math requirement. Concepts emphasized include the properties of the real number system, sets, functions, graphs, algebraic manipulations, linear and quadratic equations, systems of equations, and story problems. Students will be expected to reason mathematically and solve mathematical problems. Successful completion of the course gives students good preparation for college-level Math courses. Successful completers satisfy prerequisite for MATH 1030, MATH 1040, MATH 1050, MATH 1080, and Mathematics prerequisite for CHEM 1110, IT 3050, PHYS 1010, SOC 3112, and STAT 2040. **COURSE LEARNING OUTCOMES (CLOs) At the successful conclusion of this course, students will be able to: 1. Perform basic mathematical operations on rational numbers with and without a calculator, including fractions, percentages, and decimals. 2. Solve algebraic, logarithmic and exponential equations in one and/or two unknowns. 3. Demonstrate the concept of equivalence including the use of variables to define relationships. 4. Use functions to analyze models of real-world problems including polynomial and quadratic equations.	Prepares students for courses that fulfill the General Education Math requirement. Concepts emphasized include the properties of the real number system, sets, functions, graphs, algebraic manipulations, linear and quadratic equations, systems of equations, and story problems. Students will be expected to reason mathematically and solve mathematical problems. Successful completion of the course gives students good preparation for college-level Math courses. Successful completers satisfy prerequisite for MATH 1030, MATH 1040, MATH 1050, MATH 1080, and Mathematics prerequisite for CHEM 1110, IT 3050, PHYS 1010, SOC 3112, and STAT 2040. A \$59 Inclusive Access Course Material fee applies to this course. **COURSE LEARNING OUTCOMES (CLOs) At the successful conclusion of this course, students will be able to: 1. Perform basic mathematical operations on rational numbers with and without a calculator, including fractions, percentages, and decimals. 2. Solve algebraic, logarithmic and exponential equations in one and/or two unknowns. 3. Demonstrate the concept of equivalence including the use of variables to define relationships. 4. Use functions to analyze models of real-world problems including polynomial and quadratic equations.
	Course/Change Justification	Math 1000 will be discontinued in fall of 2019 and replaced with math 1010 for	Change to prerequisite for this course; add inclusive access textbook.

MATH 3010	Added
MATH 3020	Added
MECH 3302	Added
MECH 3602	Added
RSM 3330	Added
RSM 3360	Added

## UCC Curriculum Consent Items

23-Apr-19

Code	Field	Old Value	New Value
ACCT 3001	Effective Semester		Spring 2020
	Catalog Prerequisites	BUS 1050.	BUS 2000 or BUS 1050 or MGMT 2050
	Course/Change Justification		No prerequisites for this course.
BUS 3000	Effective Semester		Spring 2020
	Catalog Prerequisites	BUS 2000 and Advanced standing.	None
	Course/Change Justification		No prerequisites needed.
COMM 1001	Discontinued		
COMM 3990R	Effective Semester		Spring 2020
	Course Number	3990	3990R
	Course Code	COMM 3990	COMM 3990R
	Maximum Repeat Credits	3	6
	Course/Change Justification		Changing the designation to "R" Repeatable.
FIN 3001	Effective Semester		Spring 2020
	Catalog Prerequisites	BUS 1050.	BUS 1050, or 2000 or 2050.
	Course/Change Justification		The course has three options (depending on the catalog): BUS 1050, 2000 or MGMT 2050.
FIN 3150	Effective Semester		Spring 2020
	Catalog Prerequisites	ACCT 2010 and STAT 2040 and ECON 2010.	ACCT 2010; and MATH 1040 or STAT 2040; and ECON 2010.
	Course/Change Justification		The College of Business faculty and Dean have approved students to take statistics from the Mathematics department, as well as the Business unit.
GEO 1080	Effective Semester		Spring 2020
	Course Rotation		Fall (every)
	Course/Change Justification		added CLOs; changed course rotation
GEO 2050	Effective Semester		Spring 2020
	Grade Required on Prerequisites	C+	C
	Course/Change Justification		course as part of Geosciences minor, EEES major
MATH 3400	Effective Semester		Spring 2020
	Course Rotation	Fall (every) Spring (odd)	Fall (every)
	Course/Change Justification	Due to increase need for this course we are changing it from spring every other odd year to every year Fall semester	Just removing the Spring of odd year course rotation. this course will be offered Fall of every year
MATH 3700	Effective Semester		Spring 2020
	Course Rotation	Fall (every)	Fall (even)
	Course/Change Justification	Change the course number based on the course numbering to match numbering originally submitted in the proposal for the Applied and Computational Math degree.	Course Rotation was incorrect. needed to change to Fall even years
MGMT 3050	Effective Semester		Spring 2020
	Catalog Prerequisites	Advanced standing.	None
	Course/Change Justification		No prerequisite needed
MGMT 3400	Effective Semester		Spring 2020
	Catalog Prerequisites	Advanced standing.	None
	Course/Change Justification		No prerequisite required

UCC Action (16)		
Code	Title	Course Learning Outcomes (course_lo)
CIS 1200	Computer Literacy	At the successful conclusion of this course, students will be able to: 1. Use windows to save, organize, manage and navigate the Windows system. 2. Use a spreadsheet file by adding worksheets, inputting data, applying themes, creating charts, and other formatting features. 3. Use spreadsheets to create proper formulas and basic functions such as Average, Max, Min, PMT and If. 4. Create Word documents using formatting features, themes, inserting picture or clipart, headers and footers, and printing options. 5. Use word processing to assemble a research paper that includes research styles, references, and table of contents. 6. Create a presentation using themes, different slide layouts, inserting pictures, WordArt, SmartArt, transitions and animations.
FSHD 2045	FSHD 2045: Physical Activity, Nutrition, Health in Aging	At the successful conclusion of this course, students will be able to: 1.Explain the physiological aging process and theories on aging. 2. Identify signs and symptoms of selected chronic health conditions/diseases and the impact of these conditions on physical activity and nutrition in older adults. 3. Learn and demonstrate skills specific to encouraging physical activity in later life. 4. Explain the complex nutritional needs associated with the aging process. 5. Summarize the intersection between nutrition, physical activity and health in the aging population.
FSHD 2100	FSHD 2100: Family Resource Management	At the successful conclusion of this course, students will be able to: 1. Recognize the diversity of family resources and evaluate how these can be used to meet family goals and support family values. 2. Assess values, attitudes and goals regarding family resources. 3. Evaluate and apply decision making and problem solving models in regard to family resources. 4. Demonstrate communication skills for addressing resource needs and problems.
FSHD 2660	FSHD 2660: Parenting and Child Guidance	At the successful conclusion of this course, students will be able to: 1. Create a parental self-care plan. 2. Evaluate parental expectations and determine the developmental appropriateness of those expectations. 3. Assess parental example so as to model desired behavior. 4. Create learning environments aligned with parental values that honor child characteristics/interests, prepare children for developmental transitions (e.g., puberty), and help children develop character virtues (values that form basic human decency). 5. Facilitate children's peer relationships, helping them learn appropriate social skills for healthy friendships. 6. Devise potential family rituals to enhance child well-being and celebrate the child as a fellow human being. 7. Understand areas of special need (e.g., child trauma, learning disability, giftedness) and how to help a child obtain resources to address those needs. 8. Evaluate extra-familial child care options.
FSHD 3300	FSHD 3300: Family Theories	At the successful conclusion of this course, students will be able to: 1. Understand the basic tenets of major family theories. 2. Compare/contrast the major family theories in terms of their effectiveness in understanding, researching, and helping families. 3. Evaluate current research for how theory has helped shape that research.
FSHD 3400	FSHD 3400: Current Issues in Human Development and Family Studies	At the successful conclusion of this course, students will be able to: 1. Summarize and evaluate research journal articles. 2. Assess the practical application of published research. 3. Synthesize literature to understand the current state of the field in an area. 4. Orally present research findings. 5. Gain exposure to a diversity of research topics and views.
FSHD 3570	FSHD 3570: Adolescent Development: 9 - 18	At the successful conclusion of this course, students will be able to: 1. Identify and describe the biological, cognitive, psychological, and social aspects of adolescent development and apply appropriate theories to each domain. 2. Identify and describe cultural, ethnic, and gender differences among youth and adolescents. 3. Research and interpret a current central issue or problem related to youth and adolescent development. 4. Practice and utilize essential skills, abilities, and attitudes when working with youth and adolescents.
FSHD 4500	FSHD 4500: Family Life Education Methodology	At the successful conclusion of this course, students will be able to: 1. Craft individual teaching philosophies. 2. Compare, contrast, and practice applying Family Life Education (FLE) pedagogy. 3. Evaluate program outcomes. 4. Develop outreach/marketing plans for Family Life Education programs to reach diverse audiences. 5. Develop connections to local community agencies to advance Family Life Education.
MATH 3010	MATH 3010: Algebra for Secondary Mathematics Teaching	At the successful conclusion of this course, students will be able to: 1. Develop an understanding of algebraic structures. 2. Demonstrate a knowledge of the meanings and uses of functions (exponential, polynomial, inverse). 3. Acquire an understanding of common student mathematical errors. 4. Demonstrate a knowledge of the courses within the Utah mathematics core curriculum. 5. Increase knowledge of numbers and operations. 6. Acquire skills in the appropriate use of technology.
MATH 3020	MATH 3020: Geometry and Statistics for Secondary Mathematics Teaching	At the successful conclusion of this course, students will be able to: 1. Develop skill in creating geometric constructions. 2. Demonstrate a knowledge of transformations and congruence. 3. Demonstrate a knowledge of the trigonometry used in secondary mathematics. 4. Acquire a historical perspective of geometry. 5. Demonstrate an understanding of study design, drawing conclusions, and data representations.
MECH 3302	MECH 3302: Solid Mechanics: Strength of Materials (2/2)	At the successful conclusion of this course, students will be able to: 1. Analyze stress, strain, and deflection in deformable bodies experiencing axial, torsional, bending, transverse shear, and combined loadings. 2. Apply stress and strain transformations to mechanical elements. 3. Design mechanical structures, such as beams, columns, and pressure vessels, to withstand failure due to static mechanical loading.
MECH 3602	MECH 3602: Thermofluids: Thermodynamics (2/2)	At the successful conclusion of this course, students will be able to: 1. Design and report on a thermodynamic cycle that satisfies specific customer needs, with suitable consideration of efficiency, economics, and environmental impact. 2. Summarize basic concepts of thermodynamics, including properties of pure substances, thermodynamic laws, entropy, gas mixtures, psychrometrics, and combustion.
RSM 3330	RSM 3330: Foundations of Recreational Therapy	At the successful conclusion of this course, students will be able to: 1. Describe the concepts that form the philosophical foundation of recreation therapy. 2. Outline the importance of understanding the history and development of recreation therapy. 3. Discuss strategies to implement inclusive recreation therapy processes for persons with disabilities. 4. Identify a variety of careers and organizations within the recreation therapy industry.
RSM 3360	RSM 3360: Assessment and Documentation in Recreational Therapy	At the successful conclusion of this course, students will be able to: 1. Select, conduct, analyze and interpret a variety of assessment techniques and procedures to determine client and program needs. 2. Integrate assessment data for developing an individual program that appropriately addresses treatment issues. 3. Outline the referral, discharge, and transition processes in a continuum of client care.
SCED 4100	Curriculum, Instruction, and Assessment (ALPP)	At the successful conclusion of this course, students will be able to: 1. Use standards of the appropriate subject authority to use/make objectives for student mastery in lessons. 2. Design standards-based assessments that are completely and authentically aligned with the lesson objective(s). 3. Read, understand, and use student assessment data. 4. Intentionally use research-based instructional strategies to increase student mastery of the content. 5. Design lesson and unit plans that incorporate best teaching and learning strategies. 6. Demonstrate appropriate proficiency in curriculum experience.
GEO 1080	GEO 1080: Introduction to Oceanography	At the successful completion of this course, students will be able to: 1. Differentiate science from non-science by recognizing hypotheses, theories, and/or laws that meet the criteria of science and use the scientific process/method. 2. Describe geologic and geographic features of Oceanic features and their formation as part of plate tectonics, including a full description of the Theory of Plate Tectonics, the history of its development, its mechanisms and processes that shape Earth both internally and externally. 3. Explain the formation and potential geologic hazards of the geographic landforms in each section of the major Oceanic provinces. 4. Identify the Ocean's biological, physical, and chemical constituents including economically important natural resources, describe their importance and renewability, where they are located and how they might be recovered, managed, and protected. 5. Articulate an understanding of both relative (stratigraphic) and absolute (radiometric) geologic time using these concepts to interpret physical and biological events in Earth history, and how these events relate to biological evolution including natural and anthropogenic activities.

GEO 1085	<a href="#">GEO 1085: Intro to Oceanography Lab (LAB)</a>	At the successful completion of this course, students will be able to: 1. Develop an integrated understanding of oceanographic processes and the following CLOs through an intensive 4-day field experience. 2. Differentiate science from non-science by recognizing hypotheses, theories, and/or laws that meet the criteria of science and use the scientific process/method. 3. Describe the theory of plate tectonics, including the history of its development, its mechanisms and processes that shape Earth both internally and externally, including distinguishing geologic and geographic features of Oceanic features and their formation as part of plate tectonics. 4. Explain the formation and potential geologic hazards of the geographic landforms in each section of the major Oceanic provinces. 5. Identify the Ocean's biological, physical, and chemical constituents including economically important natural resources, describe their importance and renewability, where they are located and how they might be recovered, managed, and protected. 6. Articulate an understanding of both relative (stratigraphic) and absolute (radiometric) geologic time using these concepts to interpret physical and biological events in Earth history, and how these events relate to biological evolution as well as natural and anthropogenic activities.
GEOG 1005	<a href="#">GEOG 1005: Physical Geography Lab (LAB)</a>	At the successful conclusion of this course, students will be able to: 1. Create dichotomous keys to identify some of the major rock-forming minerals as well as the rocks in the three major groups. 2. Explain how relative and absolute dating methods work to determine the age of rocks. 3. Explain how the theory of plate tectonics is proposed based on different types of evidence. 4. Identify the different features of a topographic map. 5. Explain the geological processes that create the relief and grade the earth and identify various landforms created by those processes. 6. Explain the various aspects of weather and climate and how they relate to the other subsystems of Earth. 7. Identify the various types of ecosystems and understand how they are influenced by the climate.
GEOG 1020	<a href="#">GEOG 1020: Introduction to Weather (PS)</a>	At the successful conclusion of this course, students will be able to: 1. Determine and analyze atmospheric temperature, pressure, density, and wind. 2. Describe various types of cloud and their formation and the associated precipitation types. 3. Describe the dynamics of thunderstorms, tornadoes, and hurricanes, and demonstrate the ability of forecast these phenomena. 4. Generate a three-day forecast for any city in the United States with real-time satellite and weather station data. 5. Define atmospheric problems and construct a hypothesis to explain the cause.
GEOG 1025	<a href="#">GEOG 1025: Introduction to Weather Lab (LAB)</a>	At the successful conclusion of this course, students will be able to: 1. Gather, describe, analyze, and create graphical depictions of meteorological information. 2. Demonstrate critical and analytical skills to interpret and predict weather systems using weather products (maps, satellite imagery, etc.). 3. Present and communicate weather analyses and forecasts individually. 4. Differentiate between facts and opinions regarding climate change.
HIST 3460	<a href="#">HIST 3460: Comparative Asian History</a>	At the successful conclusion of this course, students will be able to: 1. Compare the major historical developments of Asian countries that shaped their society and culture from the pre-modern to modern periods. 2. Explain how the philosophies and religions influenced the social, cultural, political, and economic developments of Asia. 3. Demonstrate the ability to compare literature and analyze primary and secondary sources. 4. Demonstrate the ability to critically analyze sources and place them in a historiographical context. 5. Compose literature reviews, essay exams, in-class discussion responses, a research paper and presentation.