A MEMORANDUM

DATE: April 8, 2020

TO: Academic Deans Council

FROM: Dr. Dana Pomykal Franz
UCCC Chair

RE: Change Notice 10

Listed below are curriculum change proposals which have been recommended by the University Committee Courses and Curricula. Under current procedure, members of the Academic Deans Council may question the approval of these proposals at any time prior to 5:00 p.m. on April 22, 2020 by contacting Dr. Dana Pomykal Franz (5-7117) or the office of the Vice President for Academic Affairs (5-3742). If no questions have been raised, the proposals will be considered approved automatically.

1. Course Proposals by college/school

AGRICULTURE AND LIFE SCIENCES

Addition AEC 2223	**Approved**	**AEC 2223 Introduction to Sustainability Economics.** (3). Three hours lecture on sustainability in economics. Sustainability related to production (including weather extremes and climate change), supply and distribution chains, and consumption. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 030204 30 Char: Sustainability Economics Effective: Spring 2020
Addition AEC 2631	**Approved**	**AEC 2631 Environmental Economics & Sustainability Seminar.** (1). One hour lecture. Planning and preparing for careers in environmental economics and sustainability. Developing economic thinking and analytical skills in applications to real world environmental and sustainability issues. (May be repeated four times). Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 030103 30 Char: EES Seminar Repeatable: 4 times Effective: Spring 2020
Addition BCH 4903/6903 +Online/Distance	**Passed Contingent**	**BCH 4903/6903 Plant Biochemistry and Molecular Biology.**

ARTS & SCIENCES

Addition BIO 4993 /6993	**Approved**	**BIO 4993/6993 Community Ecology.** (3). (Prerequisite: Junior, senior or graduate standing). Three hours lecture. An introduction to theoretical and empirical studies of ecological communities, including their structure, diversity, and responses to a changing world. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 261301 30 Char: Community Ecology Effective: Spring 2020

+Online/Distance	CO 4803/6803	**Passed Contingent**	**CO 4803/6803 Research in Public Relations and Advertising.**
Addition	FLL 4113/6113	**Approved**	**FL 4113/6113 Ancient Greece and Rome in Film.** (3). Three hours lecture. A study of the reception of ancient Greece and Rome (including history, civilization, and culture) through films and television, from the epic movies of the 50's to the most recent cinematic adaptations. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 240103 30 Char: Greece and Rome in Film Effective: Spring 2020
+Online/Distance	FL 4143/6143	**Approved**	**FL 4143/6143 Approval to Offer Online Campus 5 for Classical Mythology.** Method of Instruction: F & O Campus: 1, 2, & 5 Effective: Spring 2020
Addition	FLL 4113 /6113	**Approved**	**FLL 4113/6113 The Roman Historians.** (3). (Prerequisite: FLL 2143 or the equivalent or consent of the instructor). Three hours lecture. A study of the Latin works of Sallust and/or Livy and/or Tacitus, with a direct reading of selections from any of these authors. (Repeatable two times). Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 161200 30 Char: The Roman Historians Repeatable: Two times Effective: Spring 2020
Addition	FLL 4223/6223	**Approved**	**FLL 4223/6223 Lyric Poetry.** (3). (Prerequisite: FLL 2143 or the equivalent or consent of the instructor). Three hours lecture. A study of the Latin works of Catullus and/or Horace. (Repeatable 2 times). Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 161200 30 Char: Lyric Poetry Repeatable: Two times Effective: Spring 2020

Modification	GR 4423/6423	**Approved**	**FROM: GR 4422/6422 Weather Forecasting I.** (2). (Prerequisite: GR 4412/6412). One hour lecture. Two hours laboratory. Introduction to the process of creating and disseminating weather forecasts. Use of current weather data in creating daily forecsts [sic] for the local area. **TO: GR 4423/6423 Weather Forecasting I.** (3). (Prerequisites: GR 3011 and GR 4733/6733). Two hours lecture. Two hours laboratory. Introduction to the process of creating and disseminating weather forecasts. Use of current weather data in creating daily forecasts for the local area. Method of Instruction: B Method of Delivery: F Campus: 1 CIP: 450701 30 Char: Weather Forecasting I Effective: Fall 2020
Modification	GR 4433/6433	**Approved**	**FROM: GR 4432/6432 Weather Forecasting II.** (2). (Prerequisite: GR 4422/6422). One hour lecture. Two hours laboratory. Continuation of Weather Forecasting I. Emphasis placed on disseminating both oral and written forecasts for the local area. **TO: GR 4433/6433 Weather Forecasting II.** (3). (Prerequisite: GR 4423/6423). Two hours lecture. Two hours laboratory. Continuation of Weather Forecasting I. Emphasis placed on disseminating both oral and written forecasts for the local area as well as forecasting unique regional weather. Method of Instruction: B, C, & K Method of Delivery: F Campus: 1 CIP: 400404 30 Char: Weather Forecasting II Effective: Fall 2020

Addition GR 4563 /6563	**Approved**	**GR 4563/6563 Aviation Meteorology.** (3). (Prerequisite: GR 1604). Three hours lecture. Overview of meteorological concepts important to the aviation community, including how relevant weather data are collected and disseminated and how atmospheric properties relate to the basic physics of flight and aircraft performance. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 400499 30 Char: Aviation Meteorology Effective: Spring 2020
Addition MA 1103 +General Education	**Approved**	**MA 1103 College Algebra Linked Lab – Corequisite Model.** (3). (Prerequisite: MACT 17 or 18 and ACT 20 or above). Two hours lecture. Two hours laboratory. Review of fundamentals; linear and quadratic equations; inequalities; functions; simultaneous equations; topics in the theory of equations. Method of Instruction: B Method of Delivery: F Campus: 1 CIP: 270199 30 Char: College Algebra CoReq General Ed. Cat.: Mathematics and Statistics Effective: Spring 2020
Modification PPA 8133 +Online/Distance	**Tabled**	**PPA 8133 City and County Management.**
Addition PS 4523/6523	**Approved**	**PS 4523/6523 Democracy and Inequality.** (3). (Prerequisite: PS 1513 or Instructor Consent). Three hours lecture. This course is a survey of approaches to the comparative study of inequality and democracy in the United States and abroad, focusing on race, class, sexuality and gender. Method of Instruction: C Method of Delivery: F Campus: 1 CIP: 451001 30 Char: Democracy and Inequality Effective: Spring 2020

BUSINESS

+Online/Distance MGT 3323	**Passed Contingent**	**MGT 3323 Entrepreneurship.**
+Online/Distance MGT 4613	**Passed Contingent**	**MGT 4613 Cross-Cultural Management.**
+Online/Distance MKT 4313/6313	**Passed Contingent**	**MKT 4313/6313 Physical Distribution Management.**

EDUCATION

Addition MU 2881	**Approved**	**MU 2881 Trombone Troupe.** (1). One hour studio. The study and performance of chamber and concert music for the trombone ensemble. (Repeatable ten times). Method of Instruction: Q Method of Delivery: F Campus: 1 CIP: 500903 30 Char: Trombone Troupe Repeatable: 10 times Effective: Spring 2020

ENGINEERING

Modification ASE 3123 +Online/Distance	**Passed Contingent**	**ASE 3123 Aircraft Flight Dynamics.**

FOREST RESOURCES

Modification SBP 1001	**Approved**	**FROM: SBP 1001 First Year Seminar.** (1). One hour lecture. First-year seminars explore a diverse array of topics and provides students with an opportunity to learn about a specific discipline from skilled faculty members. **TO: SBP 1001 Undergraduate Seminar.** (1). One hour lecture. Intended for incoming and continuing students to receive guidance on university, college, and department procedures, services, and facilities. Method of Delivery: F 30 Char: Undergraduate Seminar Effective: Fall 2020

Modification SBP 3123 +Online/Distance	**Approved**	**FROM: SBP 3123 Biomass to Bioproducts.** (3). (Prerequisite: CH 1043 or equivalent). Three hours lecture. Introduction to chemical/physical properties of forestry and agro crops with overview of products derived from plant materials. Innovative and emerging bioproducts industries are described. **TO: SBP 3123 Biomass to Bioproducts.** (3). (Prerequisite: CH 1213 or consent of instructor). Three hours lecture. Introduces students to chemical/physical properties of forestry & agro crops; provides overview of a large span of bioproducts derived from plant materials, their economic and environmental benefits; describes major components of biomass chemistry, comparing woody/non-woody plants. Method of Delivery: F & O Campus: 1 & 5 Effective: Fall 2020
Modification SBP 6023 (split level with SBP 4023)	**Approved**	**FROM: SBP 4023/6023 Lignocellulosic Biomass Chemistry.** (3). Three hours lecture. (Prerequisites: CH 1043 and CH 1053 or equivalent). Chemical composition of lignocellulosic biomass (wood, agricultural residues, and bioenergy crops) including cellulose, himicelluloses, lignin, and extractives, their structures, isolation, processes and applications. **TO: SBP 4023/6023 Lignocellulosic Biomass Chemistry.** (3). (Prerequisites: CH 1213 or CH 1223 or consent of instructor). Three hours lecture. This course will give a brief introduction to the major chemical composition of wood. The distribution of wood components (cellulose, hemicelluloses, lignin, and extractives), their structures, isolation, processes & applications will be covered. Method of Delivery: F Effective: Fall 2020

Modification SBP 6153 +Online/Distance (split level with SBP 4153)	**Approved**	**FROM: SBP 4153/6153 Biological Conversion of Biomass.** (3). (Prerequisite: BIO 1134 and BIO 1144 or consent of instructor). Three hours lecture. Introduction to concepts of conversion of biomass by organisms or isolated to chemicals focusing on breakdown of cellulose, lignin and hemicelluloses and enzyme kinetics. **TO: SBP 4153/6153 Biomass Products Manufacturing.** (3). (Prerequisite: BIO 1134/BIO 1144/consent of instructor) Three hours lecture. Introduction to concepts of conversion of biomass covering subjects: physical properties of wood, product manufacturing, wood chemistry, composites/adhesives, and the use of organisms or isolated enzymes used to break down cellulose, lignin and hemicelluloses. Method of Delivery: F & O Campus: 1 & 5 30 Char: Biomass Prod Manuf Effective: Fall 2020
Modification SBP 6213 +Online/Distance (split level with SBP 4213)	**Approved**	**FROM: SBP 4213/6213 Deterioration and Preservation of Biomaterials.** (3). Two hours lecture. Three hours laboratory. (Prerequisite: SBP 1103 or consent). Thermal, biological, and mechanical agents of bioproducts deterioration; biological control; design consideration; preservatives; preservative systems; treatability; preservative effectiveness; standards; pollution control. **TO: SBP 4213/6213 Deterioration and Preservation of Biomaterials.** (3). (Prerequisite: SBP 1103 or consent of instructor). Two hours lecture. Three hours laboratory. Develop an understanding on biological and non-biological abiotic agents that cause wood deterioration; biological control methods; design considerations; wood preservatives and preservation systems; treatability of wood; treatment mechanics; preservative effectiveness; commodity standards. Method of Delivery: F & O Campus: 1 & 5 Effective: Fall 2020

Modification SBP 6243 (split level with SBP 4243)	**Approved**	**FROM: SBP 4243/6243 Sustainable Bioproducts.** (Prerequisite: SBP 3123 or consent of instructor). Three hours lecture. Expanding students' knowledge of bioproducts, manufacturing principles and processes according to various industrial fields and insights into new approaches and methods in bioproducts industries **TO: SBP 4243/6243 Sustainable Bioproducts.** (3). (Prerequisite: CH 1213 or consent of instructor). Three hours lecture. Introduction to concepts of conversion of biomass covering topics including physical properties of wood, product manufacturing practices, wood chemistry, composites/adhesives. Also, the use of organisms or isolated enzymes used to break down cellulose, lignin and hemicelluloses. Campus: 1 Method of Delivery: F Effective: Fall 2020

VETERINARY SCIENCE

Modification CVM 5842	**Passed Contingent**	**CVM 5842 Clinical Pharmacology.**

2. Program Proposals by college/school:

ACADEMIC AFFAIRS

Addition	**Degree:** Certificate **Major:** Geospatial and Remote Sensing (Undergraduate and Graduate) Campus 1 and Campus 5	**Approved**	Addition of Certificate. Forwarded to Graduate Council.

AGRICULTURE AND LIFE SCIENCES

Modification	**Degree:** BS **Major:** Human Development and Family Science **Concentration:** Child Development	**Passed Contingent**	

BUSINESS

+Online/Distance	**Minor:** Business Administration	**Approved**	Addition of distance education. Effective: Summer 2020

EDUCATION

Modification	**Degree:** PhD **Major:** Instructional Systems and Workforce Development	**Passed Contingent**	
+Online/Distance	**Degree:** PhD **Major:** Instructional Systems and Workforce Development	**Passed Contingent**	

ENGINEERING

+Online/Distance	**Degree:** PhD **Major:** Engineering **Concentration:** Chemical Engineering	**Approved**	Addition of distance education. Forwarded to Graduate Council.
+Online/Distance	**Degree:** MS **Major:** Chemical Engineering	**Passed Contingent**	
Name Change	**Degree:** MS **Major:** Industrial Engineering **to** Industrial and Systems Engineering **Concentrations:** Human Factors and Ergonomics; Industrial Systems; Operations Research; Management Systems Engineering; Manufacturing Systems	**Approved**	Change of degree program name. Forwarded to Graduate Council.

FOREST RESOURCES

Modification	**Degree:** BS **Major:** Sustainable Bioproducts **Concentrations:** Business, Science	**Passed Contingent**	

All of the proposals were approved with the exception of the following:
Proposals**

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Peter L. Ryan
Dr. Peter L. Ryan
Associate Provost for Academic Affairs

April 22, 2020
Date