

# UNIVERSITY OF WYOMING

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## University Course Review Committee Agenda Meeting #303

February 19, 2020  
3:00 PM

Tobin Conference Room  
Knight Hall Room 238

### Part I – Consent Agenda

#### ❖ College of Agriculture and Natural Resources

**SOIL 4160**      **SOIL FERTILITY AND FERTILIZERS, 3.0 hrs.      **APPROVED****  
*Current Course Description:* Physical, chemical, and biological aspects of soils that impact fertilizer fate, uptake, and plant growth. Dual listed with SOIL 5160. *Prerequisite:* SOIL 2010. (Normally offered fall semester of odd-numbered years).  
*Requested Change of Course Title:* SOIL HEALTH & NUTRIENT CYCLING  
*Requested Change of Course Description:* Soil properties, processes, and management practices that affect the capacity of the soil to supply nutrients to plants, resist degradation, recover from disturbance, and accumulate and store carbon. Dual listed with SOIL 5160. *Prerequisite:* SOIL 2010. (offered on-line in even numbered years).  
*Proposed Term:* Fall 2020

#### ❖ College of Arts and Sciences

**ASTR 1050**      **SURVEY OF ASTRONOMY, 4.0 hrs.      **APPROVED****  
*Current Course Description:* Consists of 3 lecture periods and a two-hour laboratory in observational and laboratory astronomy. Observing sessions are scheduled after dark and held when weather permits. Designed primarily for non-science majors. *Prerequisite:* MATH 1000 or passing mathematics proficiency exam at Level 2.  
*Requested Change of Prerequisite:* MATH 1000 or equivalent, or passing the Mathematics Placement Examination at Level 2.  
*Proposed Term:* Fall 2020

**ASTR 5960**      **THESIS RESEARCH, 1.0-9.0 hrs. (Max. 24)      **APPROVED****  
*Current Course Description:* Graduate level course designed for students who are involved in research for their thesis project.  
*Requested Change of Credit Maximum:* Max. 48  
*Proposed Term:* Fall 2020

**ASTR 5980**      **DISSERTATION RESEARCH, 1.0-9.0 hrs. (Max. 24)      **APPROVED****  
*Current Course Description:* Graduate level course designed for students who are involved in research for their dissertation.  
*Requested Change of Credit Maximum:* Max. 48  
*Proposed Term:* Fall 2020

- CHEM 2230**      **QUANTITATIVE ANALYSIS, 4.0 hrs.**      **DECLINED (not yet approved @college level)**  
*Current Course Description:* Broad, general coverage of analytical techniques, principles and calculations. Laboratory: 6 hours per week. *Prerequisite:* CHEM 1030, 1060 or equivalent.  
*Requested Change of Credit Hours:* 5.0 hrs.  
*Proposed Term:* Fall 2020
- CHEM 4230**      **INSTRUMENTAL METHODS OF CHEMICAL ANALYSIS, 4.0 hrs.**      **DECLINED (not yet approved @ college level).**  
*Current Course Description:* Introduces optical, electroanalytical and separation methods of analysis, emphasizing practical industrial applications. *Prerequisite:* CHEM 2230. (Normally offered fall semester)  
*Requested Change of Credit Hours:* 5.0 hrs.  
*Proposed Term:* Fall 2020
- CW 2125**      **WRITING IN POPULAR GENRES, 3.0 hrs. (Max. 3)**  
*Current Course Description:* This course changes theme from semester to semester, depending on the professor. Students will immerse themselves in a specific genre/form through intense reading and writing assignments, class discussion and workshop. Past courses have focused on Noir and Science Fiction. *Prerequisite:* COM 1  
*Requested Change in Course Title:* SPECIAL TOPICS IN WRITING  
*Requested Change in Credit Hours:* 3.0 hrs. (Max. 6)  
*Requested Change in Prerequisite:* none  
*Proposed Term:* Fall 2020
- ENGL 3400**      **TOPICS IN 18<sup>TH</sup> CENTURY LITERATURE, 3.0 hrs. (Max. 12)**  
*Current Course Description:* Topics in eighteenth-century American and/or British literatures. Readings situated amid the historical and social developments of the era, including the expansion of mercantilism and slavery, the spread of secularism, the rise of print capitalism, and the emergence of new ideas of self and authorship. Subject matter varies by section. *Prerequisites:* COM1, ENGL 2025, and 3 hours of a 2000-level literature course.  
*Requested Change of Prerequisites:* COM1, ENGL 2025, and any one of the following: ENGL 2425, ENGL 2430, ENGL 2435, ENGL 2340, ENGL 2350, or ENGL 2360.  
*Enforce in Banner?:* Yes  
*Proposed Term:* Fall 2020
- ENGL 3500**      **TOPICS IN 19<sup>TH</sup> CENTURY LITERATURE, 3.0 hrs. (Max. 12)**  
*Current Course Description:* Topics in nineteenth-century American and/or British literatures. This course surveys authors, movements, and/or genres significant to 19<sup>th</sup> Century American or British literature, and contextualizes materials by discussing the historical, cultural, and political developments of the period. *Prerequisites:* COM1, ENGL 2025, and 3 hours of a 2000-level literature course.  
*Requested Change of Prerequisites:* COM1, ENGL 2025, and any one of the following: ENGL 2425, ENGL 2430, ENGL 2435, ENGL 2340, ENGL 2350, or ENGL 2360.  
*Enforce in Banner?:* Yes  
*Proposed Term:* Fall 2020

**ENGL  
3600**

**TOPICS IN 20<sup>TH</sup> CENTURY LITERATURE, 3.0 hrs. (Max. 12)**

**Current Course Description:** Surveys important authors and texts from Britain, the U.S., and around the world from 1900 to present day. Covers major literary movements and genres, including modernism and postmodernism, and contextualizes materials by discussing the historical, cultural, and political developments of the period. Examines how literature is produced in our contemporary moment. *Prerequisites:* COM1 and 6 hours of a 2000-level literature course.

**Requested Change of Prerequisites:** COM1, ENGL 2025, and any one of the following: ENGL 2425, ENGL 2430, ENGL 2435, ENGL 2340, ENGL 2350, or ENGL 2360.

**Enforce in Banner?:** Yes

**Proposed Term:** Fall 2020

**GEOL  
5410**

**GEOCHEMICAL ANALYTICAL METHODS, 4.0 hrs.**

**APPROVED**

**Current Course Description:** Lectures and laboratories in analytical methods used in geochemical studies. Particular emphasis given to sampling and sample preparation, inductively coupled argon plasma emission, atomic absorption analysis. Other analytical methods are also treated. *Prerequisite:* GEOL 4490.

**Requested Change of Title:** APPLIED GEOCHEMICAL ANALYSIS

**Requested Change in Credit Hours:** 3.0 hrs.

**Requested Change in Course Description:** Applied course in common geochemical analytical methods. Consists of lectures and laboratories with individual hands-on training. Includes sample handling, method development, and data interpretation for several analytical instruments including but not limited to inductively coupled argon plasma emission and ion chromatography. Other analytical methods are also treated. *Prerequisite:* GEOL 4490.

**Proposed Term:** Fall 2020

**MUSC  
5030**

**ADVANCED THEORY I, 3.0 hrs.**

**Current Course Description:** Analysis of, and practice in, the more recent harmonic idioms. *Prerequisite:* graduate standing.

**Requested Change of Course Number:** MUSC 5035 and addition of MUSC 4035 dual-list

**Requested Change of Title:** ADVANCED THEORY

**Requested Change in Course Description:** To further understanding of chromatic harmonies, analysis of advanced formal aspects, Pitch-class set Analysis, and 12-tone Analysis. To ultimately have a synergistic view of each work, combing historical and theoretical elements in viewing the work as a whole. *Prerequisites:* (MUSC 4035): MUSC 2030 and MUSC 2035, music majors only; (MUSC 5035): graduate standing.

**Requested Dual Listing:** MUSC 4035

**Prerequisites Enforced in Banner?:** Yes

**Proposed Term:** Fall 2020

- PHYS 1050**      **CONCEPTS OF PHYSICS, 4.0 hrs.**  
*Current Course Description:* Introduces the physical world. For students whose background in math and science is minimal; recommended for students in paramedical sciences and medical technology. Three lecture hours per week are supplemented by two hours per week of laboratory work. *Prerequisite:* MATH 1000 or passing the Mathematics Placement Examination at Level 3.  
*Requested Change of Prerequisite:* MATH 1000 or equivalent, or passing the Mathematics Placement Examination at Level 2.  
*Enforce in Banner?:* Yes  
*Proposed Term:* Fall 2020
- PHYS 1090**      **THE FUNDAMENTALS OF PHYSICS, 4.0 hrs.**  
*Current Course Description:* Applies fundamental principles of chemistry and physics to real life situations. Primarily for elementary education majors. *Prerequisites:* Math Level 3 or MATH 1000 and major in elementary education.  
*Requested Change of Prerequisite:* MATH 1000 or equivalent, or passing the Mathematics Placement Examination at Level 2.  
*Enforce in Banner?:* Yes  
*Proposed Term:* Fall 2020
- PHYS 4840**      **MATHEMATICAL AND COMPUTATIONAL PHYSICS, 4.0 hrs.**  
*Current Course Description:* Second semester of a two-semester course. Provides a comprehensive overview of computational physics and provides numerous numerical techniques applied to physics problems. Topics include: numerical computations and visualizations, numerical solutions of ordinary differential equations, linear systems, curve fitting, discrete Fourier transforms, partial differential equations, integration, and Monte Carlo simulations of general stochastic systems. A weekly lab session will be held. *Prerequisite:* PHYS 2320, MATH 2210 and COSC 1010.  
*Requested Change of Prerequisite:* MATH 2210, PHYS 2320, PHYS 3000.  
*Enforce in Banner?:* Yes  
*Proposed Term:* Spring 2021
- STAT 5380**      **BAYESIAN DATA ANALYSIS, 3.0 hrs.**  
*Current Course Description:* Bayesian statistical methods for analyzing various kinds of data. Topics include basic Bayesian ideas and model formulation (priors, posteriors, likelihoods), single- and multiple-parameter models, hierarchical models, generalized linear models, multivariate models, survival models and an introduction to computation methods. *Prerequisite:* at least two semesters of calculus and one semester of statistics beyond the 4000 level.  
*Requested Change of Prerequisite:* STAT 5255.  
*Enforce in Banner?:* Yes  
*Proposed Term:* Fall 2020

**ZOO/ENR PRINCIPLES OF FISH AND WILDLIFE MANAGEMENT, 3.0 hrs.**

**2450**

***Current Course Description:*** Emphasizes principles of habitat and population biology and management, human dimensions of wildlife management, as well as law and policy. ***Prerequisite:*** LIFE 1010 and LIFE 2022.

***Requested Change of Course Title:*** FISH AND WILDLIFE MANAGEMENT IN THE ANTHROPOCENE

***Requested Change of Credit Hours:*** 4.0 hrs.

***Requested Change of Course Description:*** Course examines fundamental principles in management of natural resources, especially fish and wildlife populations. Students explore historical to contemporary context of management, population biology, management tools and their application, career opportunities, with specific emphasis on human dimensions, law, and policy. Students will develop oral and written communication skills.

***Requested Change of Prerequisite:*** LIFE 1010, LIFE 2022, and a COM1 course.

***Enforce in Banner?:*** Yes

***Requested USP:*** COM2

***Proposed Term:*** Fall 2020

❖ **College of Education**

**HIED**

**NONCREDIT EDUCATION SYSTEMS, 3.0 hrs.**

**5030**

***Current Course Description:*** This course will introduce graduate students to the main issues, trends, and problems that have defined the field of noncredit education systems. The course will also provide students with the foundational knowledge and skills needed to administer continuing and professional systems. ***Prerequisite:*** admission into MA program.

***Requested Change of Course Title:*** CONTINUING AND PROFESSIONAL EDUCATION

***Requested Change of Course Description:*** This course will introduce graduate students to the main issues, trends, and problems that have defined the field of continuing and professional education. The course will also provide students with the foundational knowledge and skills needed to administer continuing and professional education programs.

***Proposed Term:*** Fall 2020

❖ **College of Health Sciences**

**PHCY**

**STATISTICS FOR HEALTH SERVICES, 2.0 hrs.**

**5042**

***Current Course Description:*** This course will introduce students to correlations analysis, regression, analysis of variance and selected non-parametric tests, focusing on appropriate use of each and how to interpret the output of a statistical test to answer a research question.

***Prerequisite:*** Must be enrolled in the HSA program, or by permission.

***Requested Change of Credit Hours:*** 3.0 hrs.

***Proposed Term:*** Fall 2020

**SPPA 3265**      **ANATOMY AND PHYSIOLOGY OF SPEECH, SWALLOWING & HEARING, 3.0 hrs.**  
*Current Course Description:* Introduces the student to the anatomy of the normal speech and hearing systems as well as the physiologic underpinnings of the speech (respiration, phonation, articulation), swallowing, and hearing (external, middle, and inner ear) systems. Theories of speech production and speech perception are presented. *Prerequisite:* KIN 2040 or consent of instructor.  
*Requested Change of Credit Hours:* 4.0 hrs.  
*Proposed Term:* Fall

**SPPA 4250**      **CLINICAL METHODS, 4.0 hrs.**  
*Current Course Description:* Introduction to clinical procedures, such as: collecting data, clinical writing and documentation, reviewing practice regulations, interviewing, and counseling. Students will obtain initial clinical experience (i.e. observation, simulation and/or clinical assignment). Requirements (e.g., background check, TB screen) must be met for involvement in the Speech & Hearing Clinic. *Prerequisites:* none.  
*Requested Change of Prerequisites:* SPPA 3265  
*Enforce in Banner?:* Yes  
*Proposed Term:* Spring 2021

**SPPA 5210**      **DEVELOPMENTAL DISABILITIES, 3.0 hrs.**      **APPROVED**  
*Current Course Description:* AAC and other interventions, communication, and cognitive profiles associated with developmental disabilities, such as intellectual disability, autism spectrum disorder, and sensorimotor impairments. Intervention approaches to support communicative development in these populations. Selection, design, and application of augmentative/alternative communication systems to enhance communication, education, and quality of life for individuals with developmental and acquired disorders. *Prerequisite:* SPPA 3160.  
*Requested Change of Course Title:* AUGMENTATIVE & ALTERNATIVE COMMUNICATION  
*Requested Change of Course Description:* Selection, design, and application of augmentative & alternative communication (AAC) systems to enhance communication, education, and quality of life for individuals with developmental and acquired disorders.  
*Proposed Term:* Fall 2020

❖ **Other**

**AIR 3010**      **LEADING PEOPLE/EFFECTIVE COMMUNICATION I, 1.0 hr.**      **TABLED until Course Committee can learn what action USP took on this 1 cr hr course requesting COM 2 certification).**  
*Current Course Description:* Teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. *Prerequisite:* AIR 1010, 1020, 2010, and 2020 or consent of instructor.  
*Requested USP:* COM2  
*Proposed Term:* Fall 2020

## Part II – Regular Agenda Courses to Discontinue

### ❖ College of Health Sciences

- NURS 3015 INTRODUCTION TO BACCALAUREATE NURSING, 3.0 hrs. APPROVED**  
*Course Description:* Introduces the role of a professional nurse with a baccalaureate degree. Conceptual foundations including nursing theories, healthcare systems, application or evidence-based practice, informatics and the components of safety, quality and leadership in nursing practice are presented. Students are prepared to move on to additional nursing course.  
*Prerequisites:* Current RN license or concurrent enrollment in WY ADN education program or graduate of WY ADN education program; NURS 3005 or concurrent enrollment.
- NURS 3020 CULTURAL DIVERSITY IN FAMILY HEALTH CARE, 3.0 hrs. APPROVED**  
*Course Description:* Concepts of cultural heritage, history, diversity, health, illness, and family theories are applied to nursing assessment and care of the family as client. Contemporary issues of immigration and poverty, the effect of culture, social class, religion/spirituality, family form, family development stage and situational factors on family as client are studied.  
*Prerequisites:* admission into the nursing major component of the program; RN/BSN: NURS 3015 or concurrent enrollment. (Normally offered spring semester)
- NURS 3045 HEALTH ASSESSMENT IN NURSING PRACTICE, 3.0 hrs. APPROVED**  
*Course Description:* Assessment of the physiological, psychosocial and sociocultural variables of the individual across the lifespan. History taking, advanced physical exam techniques and appropriate documentation of findings assist the student in identifying normal variations, potential problems of human health experiences and health promotion opportunities.  
*Prerequisite:* admission to nursing major component of the program; NURS 3015 or concurrent enrollment.
- NURS 3125 PROFESSIONAL NURSING, 3.0 hrs. APPROVED**  
*Course Description:* Introduction of core concepts, theory and processes essential to professional nursing. Roles and scope of practice of the professional nurse, principles of therapeutic communication, patient safety, nursing theory and process, and evidence based practice will be emphasized. *Prerequisite:* admission to the nursing major component of the program.
- NURS 3140 HEALTH ASSESSMENT, 3.0 hrs. APPROVED**  
*Course Description:* Students learn to assess the physiological, psychological, sociocultural and developmental variables of individual client systems across the lifespan. Normal variations and potential problems of human health experiences are identified. Documentation skills are developed. *Prerequisite:* admission to the nursing major component of the program.
- NURS 3440 ADULT HEALTH I, 3.0 hrs. APPROVED**  
*Course Description:* Develop clinical judgment skills by using a consistent process in identifying relevant client data, responding to that data appropriately, planning care and evaluating that care. This process will be accompanied by exploring a wide range of nursing concepts essential in caring for the adult client, through the use of case studies, interactive and/or group active learning. *Prerequisites:* admission into the nursing major component of the program; NURS 3140, 3125, PHCY 4470 or concurrent enrollment.

- NURS 3475**      **NURSING PRACTICUM: ADULT HEALTH I, 4.0 hrs. APPROVED**  
*Course Description:* Students provide basic nursing care using the nursing process in a clinical setting with adult clients experiencing alterations in health status. The focus is on the physiological, psychological, spiritual, developmental and sociocultural dimensions of the client. The students will identify the roles of the professional nurse. Satisfactory/Unsatisfactory only. *Prerequisite:* NURS 3440 or concurrent enrollment.
- NURS 3630**      **HEALTH PROMOTION, 4.0 hrs. APPROVED**  
*Course Description:* Learn health promotion concepts and theories, identify at risk behaviors, and design nursing interventions to promote health and prevent illness. The teaching role of the nurse is emphasized for individual and group clients across the lifespan. Students strive to effect positive changes to their own personal health and fitness. *Prerequisites:* admission into the nursing major component of the program; NURS 3015, 3020, and 3045 or concurrent enrollment.
- NURS 3840**      **ADULT HEALTH II, 3.0 hrs. APPROVED**  
*Course Description:* Progress from novice to beginner in developing critical judgment skills by applying nursing concepts and evaluating concepts on the adult client with illness. Analyze and synthesize data, develop plans of care, implement care and re-evaluate that care when necessary, through the use of case studies, interactive and/or group active learning. *Prerequisites:* NURS 3440 and 3475; NURS 3020 or concurrent enrollment.
- NURS 3842**      **CARE OF THE OLDER ADULT, 3.0 hrs. APPROVED**  
*Course Description:* Explores the physiological, psychological, spiritual, developmental and socio-cultural dimensions of the older adult and addresses the 30 AACN/Hartford Foundations' Recommended Baccalaureate Competencies and Curricular Guidelines for Geriatric Nursing Care. *Prerequisites:* NURS 3440 and 3475; NURS 3020 or concurrent enrollment.
- NURS 3844**      **MENTAL HEALTH AND ILLNESS, 3.0 hrs. APPROVED**  
*Course Description:* Explores psychiatric illnesses and mental health concepts consistent with the roles of the professional nurse. Emphasis is on the nursing process, DSM-IV criteria, therapeutic communication, treatment modalities, legal and ethical concerns, community resources, and inter-related client needs in a variety of health care settings. *Prerequisites:* NURS 3440 and 3475; NURS 3020 or concurrent enrollment.
- NURS 3875**      **NURSING PRACTICUM: ADULT HEALTH II, 4.0 hrs. APPROVED**  
*Course Description:* Junior nursing students are placed in clinical settings to provide patient-centered nursing care using the nursing process. The focus is on adult clients experiencing acute, chronic and/or psychiatric alterations in health. The physiological, psychological, spiritual, developmental and socio-cultural client dimensions are studied and professional nursing roles are integrated into practice. Satisfactory/Unsatisfactory only. *Prerequisites:* NURS 3840, 3842, 3844 or concurrent enrollment.



- NURS 4145 PUBLIC/COMMUNITY HEALTH NURSING, 3.0 hrs. APPROVED**  
*Course Description:* Students are introduced to public health nursing, the core functions and essential services of public health, and community health nursing competencies. Includes population-focused nursing, epidemiology, community assessment, and the application of the nursing process to the community as client. Students assess their communities and research health problems. *Prerequisites:* admission into the nursing major component of the program; NURS 3630 or concurrent enrollment.
- NURS 4250 LEADERSHIP IN NURSING, 3.0 hrs. APPROVED**  
*Course Description:* The role of leader in nursing practice is developed through the integration of leadership, management, and organizational theories. Emphasis is placed on the nurse as health care provider and manager of care facilitating planned change in clients and/or environments. *Prerequisites:* NURS 4475; concurrent enrollment with NURS 4875.
- NURS 4255 NURSING LEADERSHIP, 3.0 hrs. APPROVED**  
*Course Description:* Students study the concepts and theories of leadership, management, and organizations. Emphasis is placed on the nurse as health care provider and the development of leading, managing, decision-making, problem-solving, and writing in nursing skills. Course content includes controlling the profession, legal and ethical aspects, informatics, and professional development. *Prerequisites:* WA and WB or COM1 and COM2; admission into the nursing major component of the program; NURS 3630 or concurrent enrollment.
- NURS 4440 PUBLIC HEALTH NURSING, 4.0 hrs. APPROVED**  
*Course Description:* Introduces the student to population-focused nursing and applies the nursing process to the community as client. Addresses core functions and essential services of public health. Focuses on epidemiology, community assessment, community planning and implementation, analysis of the health care system, emergency preparedness, and legal aspects of public health. *Prerequisites:* NURS 3875; NURS 4125 or concurrent enrollment.
- NURS 4442 NURSING CARE OF CHILDREN AND FAMILIES, 4.0 hrs. APPROVED**  
*Course Description:* Theory course which encompasses the care of children and childbearing families including the physiological, psychological, spiritual, developmental and socio-cultural dimensions. The focus of this class is on obstetrical and pediatric nursing care. Integrates wellness and illness issues in all aspects of family care. *Prerequisites:* NURS 3875; NURS 4125 or concurrent enrollment.
- NURS 4475 NURSING PRACTICUM: FAMILY AND PUBLIC HEALTH, 4.0 hrs. APPROVED**  
*Course Description:* In this senior clinical practicum, students apply the nursing process to childbearing families, children and communities. The focus is on the physiological, psychological, spiritual, developmental and socio-cultural dimensions of individuals, families and populations. Students will incorporate professional nursing roles into population centered care. Satisfactory/Unsatisfactory only. *Prerequisites:* NURS 4440, 4442 or concurrent enrollment.

- NURS 4875**      **CAPSTONE PRACTICUM, 12.0 hrs. APPROVED**  
*Course Description:* A precepted capstone clinical course that assists students in synthesizing basic concepts of professional nursing. Learning experiences allow students to gain confidence, practice clinical reasoning and leadership skills, communicate effectively with the interprofessional team, apply ethical decision making skills and develop evidence-based practice. Satisfactory/Unsatisfactory only. *Prerequisite:* all required courses in the nursing major. (Normally offered spring semester)
- NURS 4985**      **RN/BSN CAPSTONE PROJECT, 3.0 hrs. APPROVED**  
*Course Description:* Synthesizes program concepts through analysis of a documented public health issue. Students will use evidence based resources, address public health competencies and analyze how the identified issue and interventions impact the health of the affected population. *Prerequisites:* Admission into the nursing major component of the program; all required courses in the nursing major; NURS 4255 or concurrent enrollment, current RN license.  
*Proposed Term for all NURS Discontinue Requests:* Summer 2020  
*Rationale for all NURS discontinues:* Revised curriculum no longer includes these courses.

### Part III – Regular Agenda

#### Courses for Addition

##### ❖ College of Agriculture and Natural Resources

- FCSC 4135/5135**      **PROGRAM EVALUATION, 3.0 hrs. APPROVED**  
*Proposed Course Description:* Explores techniques for evaluating programs in the public and/or private sectors. Includes determining need, identifying/communicating with stakeholders, developing program theory/logic models, implementation, evaluation methods/instruments, and interpreting/reporting evaluation results.  
*Proposed Prerequisite:* 4135: junior standing; 5135: graduate standing.  
*Enforce in Banner?:* Yes  
*Proposed Activity Type:* Lecture  
*Proposed Term:* Fall 2020  
  
*Rationale:* We have offered this course numerous times under a special topics number. It will now be a requirement of our undergraduate and graduate program so we would like to give the course a permanent number.
- FCSC 5123**      **POSITIVE YOUTH DEVELOPMENT, 3.0 hrs. APPROVED**  
*Proposed Course Description:* This course explores positive youth development (PYD), or the understanding and promotion of the well-being and health of youth. In this course, we will examine PYD theory and frameworks, research regarding how to best assess and foster PYD, and interventions designed to promote PYD and associated outcomes.  
*Proposed Prerequisite:* graduate standing.  
*Enforce in Banner?:* Yes  
*Proposed Activity Type:* Lecture  
*Proposed Term:* Fall 2020

**Rationale:** This course has been taught a few times under a special topics number as part of our graduate curriculum. We would like to give it a permanent number.

❖ **College of Arts & Sciences**

**GEOL 4020 GLOBAL BIOGEOCHEMISTRY, 3.0 hrs. APPROVED**

**Proposed Course Description:** Biogeochemistry is the exploration of the physical, chemical, and biological processes that govern the exchange of energy and elements between the biosphere and the geosphere. This course will examine principal global biogeochemical cycles with a focus on geologic processes and geologic origins.

**Proposed Prerequisite:** GEOL/ESS 2000.

**Enforce in Banner?:** Yes

**Proposed Activity Type:** Lecture

**Proposed Term:** Spring 2021

**Rationale:** This proposal formalizes a course taught by Lau in Spring 2019 as a Topics in Geology 4200/5200 course, focusing on Global Biogeochemistry. This course draws on the primary literature to investigate how biogeochemical cycling has changed over Earth's history and as a result of human activities. This topic incorporates concepts of geology, biology, and environmental science and is appropriate for students in those disciplines as well as anyone wanting to learn more about process and function of the Earth. As part of the focus on utilizing primary literature, students will create a poster based on a biogeochemical question that presents either a new model or a meta-analysis of published data. This course is anticipated to be required for certain concentrations within the ongoing revision of the B.S. in the Geology and Geophysics Department.

**HIST 1101 FYS: HAMILTON'S AMERICA: BEYOND THE MUSICAL, 3.0 hrs. APPROVED**

**Proposed USP:** FYS

**Proposed Activity Type:** Lecture

**Proposed Term:** Fall 2020

**MUSC 1009 THE ROOTS OF COUNTRY MUSIC, 3.0 hrs. APPROVED**

**Proposed Course Description:** This online course will examine the diverse musical practices that contributed to country music in the United States. Early styles and genres from the Anglo-American and African-American music traditions will be studied. Students will develop their musical vocabulary and hone basic listening and analytical skills.

**Proposed Prerequisite:** none.

**Proposed Activity Type:** Lecture w/Discussion

**Proposed Term:** Fall 2020

**Rationale:** The Department of Music has committed to offering courses that best serve the 21<sup>st</sup> century student musician, and also those that meet requests for diversity and wider student body interest. Current online popular music offerings like The History of Rock and Roll, History and Literature of Jazz, and Hip-Hop/Pop Music Appreciation have enjoyed full enrollments. I anticipate this course will also be fully enrolled each semester it is offered. Moreover, country music in the United States is often viewed as an artistic expression of a singular culture or a style that best reflects life from particular sections of the country, when in fact its history is one of significant eclecticism and has enjoyed periods of diverse musical inclusion. Students who have limited exposure, and those who have grown up listening to country, will equally benefit from exploring its roots and evolution into the latter half of the 20<sup>th</sup> century. Additionally, students

will expand their musical vocabulary, develop their ear by listening for a diverse array of cultural characteristics and influences, and hone analytical skills through an art form that many enjoy on a daily basis, but may take for granted.

**MUSC 4035**      **Advanced Theory (See MUSC 5030 in Modification section above) APPROVED**

❖ **College of Education**

**EMAT 5800**      **CULTURE, POWER, AND IDENTITY IN MATHEMATICS EDUCATION, 3.0 hrs. APPROVED**

**Proposed Course Description:** The purposes of this course is to examine issues related to culturally specific pedagogy (CSP), power and identity in the mathematics classroom. Students will explore ways to integrate CSP in the classroom to facilitate mathematics teaching and learning with the goal of developing students' interest and motivation in mathematics.

**Proposed Prerequisites:** none

**Proposed Restrictions:** Graduate students only.

**Activity Type:** Lecture w/Discussion

**Proposed Term:** Fall 2020

**Rationale:** This course is a proposed Mathematics Education PhD course that is offered to examine issues related to culture, power, and identity in mathematics education. This course has been offered more than once as a topics course as NASC 5700. This course will be offered on a regular basis to Mathematics Ed PhD students.

**LTED 5810**      **THEORETICAL PERSPECTIVES ON WRITING, 3.0 hrs. APPROVED**

**Proposed Course Description:** A doctoral seminar aimed at providing students with a broad introduction to theoretical perspectives on writing processes and practices, as well as the contributions of theory to research on writing processes and practices.

**Proposed Prerequisites:** none

**Proposed Restrictions:** Graduate students status.

**Activity Type:** Lecture

**Proposed Term:** Fall 2020

**Rationale:** School of Teacher Education faculty who are part of the PhD in Curriculum and Instruction/Literacy Education are embarking on a project to revamp course offerings and requirements for students in the program. This course is a new offering, designed to ensure that the program provides students with depth of knowledge related to theoretical underpinnings of writing instruction, as well as the research base in this area.

**LTED 5850**      **FOUNDATIONAL SCHOLARS IN SOCIAL SCIENCE RESEARCH, 3.0 hrs. APPROVED**

**Proposed Course Description:** This doctoral course will focus specifically on important works of scholars in disciplines such as sociology, psychology, and other social science disciplines as their work pertains to language, literacy, and learning.

**Proposed Prerequisites:** none

**Proposed Restrictions:** Doctoral students only.

**Activity Type:** Lecture

**Proposed Term:** Fall 2020

**Rationale:** This new course will introduce literacy doctoral students to foundational scholars in social science research. No such course currently exists.

❖ **College of Engineering and Applied Science**

**CM 3200**      **STRUCTURAL SYSTEMS, 3.0 hrs. APPROVED**  
**Proposed Course Description:** The course introduces students to the basic understating of structural analysis and design. It provides students with a concise presentation of structural technology, from the determination of structural loads, sizing and design as it relates to timber, steel and concrete structures.  
**Proposed Prerequisites:** C in PHYS 1110 and a C in MATH 2200  
**Enforce in Banner?:** Yes  
**Activity Type:** Lecture  
**Proposed Term:** Fall 2020

**Rationale:** Construction Management (CM) is a new degree program in the College of Civil and Architectural Engineering. Proposal of this course is part of the program development sequence of courses to be taught in the CM program in support of the "American Council of Construction Education" (ACCE) accreditation requirements.  
This class will be offered for the first time in the program during Fall of 2020.

**CM 3210**      **COST ESTIMATING, 3.0 hrs. APPROVED**  
**Proposed Course Description:** The course introduces students to concepts in estimating including but not limited to labor and equipment calculations, the use of price databases, direct and indirect cost, bid preparation and computer applications.  
**Proposed Prerequisites:** C in CM 2600  
**Enforce in Banner?:** Yes  
**Activity Type:** Lecture  
**Proposed Term:** Fall 2020

**Rationale:** Construction Management (CM) is a new degree program in the College of Civil and Architectural Engineering. Proposal of this course is part of the program development sequence of courses to be taught in the CM program in support of the "American Council of Construction Education" (ACCE) accreditation requirements.  
This class will be offered for the first time in the program during Fall of 2020.

**CM 3220**      **SOILS AND CONCRETE, 3.0 hrs. APPROVED**  
**Proposed Course Description:** This course will introduce students with the construction process that includes, site clearing, soil mechanics, testing, concrete foundations, concrete mix design, concrete construction practice, and concrete testing.  
**Proposed Prerequisites:** C in GEOL 1110; co-requisite CM 3200.  
**Enforce in Banner?:** Yes  
**Activity Type:** Lecture  
**Proposed Term:** Fall 2020

**Rationale:** Construction Management (CM) is a new degree program in the College of Civil and Architectural Engineering. Proposal of this course is part of the program development sequence of courses to be taught in the CM program in support of the "American Council of Construction Education" (ACCE) accreditation requirements.

This class will be offered for the first time in the program during Fall of 2020.

❖ **College of Health Sciences**

**PHCY 5246 PRESCRIPTION DRUG COSTS, 2.0 hrs. APPROVED**

**Proposed Course Description:** Overview of prescription drug prices and the consequences for patients and society of the high cost of pharmaceutical products. Causes of escalating pharmaceutical prices are reviewed. Legal and economic factors that contribute to high drug prices are considered. Potential solutions are identified.

**Proposed Prerequisites:** none.

**Proposed Restrictions:** Professional and Graduate students only.

**Activity Type:** Lecture w/Discussion

**Proposed Term:** Fall 2020

**Rationale:** Health care costs are among the most challenging problems in the health care system. Prescription drug costs are a significant part of the trend in rising health care costs. This course reviews the problem of escalating prescription drug costs and it provides potential solutions in the best interests of the health care system and of patient care.

❖ **Other**

**ACES 1101 FYS: NEW GEOGRAPHY OF JOBS, 3.0 hrs. APPROVED**

**Proposed USP:** FY

**Proposed Term:** Fall 2020

**ARMY 3015 JUNIOR STAFF OFFICER PRACTICUM, 1.0 hr. APPROVED**

**Proposed Course Description:** This course provides a basic introduction to Army staff processes and the many diverse systems and processes within the Army that impact an officer's ability to successfully lead his/her unit.

**Proposed Prerequisite:** Concurrent enrollment in ARMY 3010.

**Enforce in Banner?:** Yes

**Proposed USP:** COM2

**Proposed Activity Type:** Discussion

**Proposed Term:** Fall 2020

**Rationale:** An advanced level of this course is taught to our Seniors, and it has become apparent that we need a 3000-level course to teach the basics of Staff Officer Systems prior to their Senior year. This course requires weekly student presentations.

**ARMY  
3016**

**JUNIOR STAFF OFFICER PRACTICUM II, 1.0 hr. APPROVED**

**Proposed Course Description:** This course provides a basic introduction to Army staff processes and the many diverse systems and processes within the Army that impact an officer's ability to successfully lead his/her unit.

**Proposed Prerequisite:** Concurrent enrollment in ARMY 3020.

**Enforce in Banner?:** Yes

**Proposed USP:** COM2

**Proposed Activity Type:** Discussion

**Proposed Term:** Spring 2021

**Rationale:** An advanced level of this course is taught to our Seniors, and it has become apparent that we need a 3000-level course to teach the basics of Staff Officer Systems prior to their Senior year. This course requires weekly student presentations.

**GIST  
5280**

**NAVIGATING GIST PROFESSIONS, 1.0 hr. APPROVED**

**Proposed Course Description:** An introduction to work in the geospatial profession for online GIST master's program students. Focus is on workplace, management and occupation-specific competencies across and within specific domain application areas. Topics include evaluation and appropriate use of technology and data, developing career pathway options, the role of professional certification, and the value of continuing education and professional network connections.

**Proposed Prerequisite:** none.

**Proposed Activity Type:** Seminar

**Proposed Grading System:** Letter

**Proposed Term:** Fall 2020

**Rationale:** This is a one-credit seminar to be required of all online master's students. Its purpose is to serve as an introduction to the discipline of geospatial information science and technology by making students aware of the diversity of application areas for GIS&T, factors in evaluation and appropriate use of technology and data, professional certification opportunities, and the value of professional networks in the field.

**GIST  
5875**

**INDEPENDENT STUDY IN GIST, 1.0-6.0 hrs. (Max. 6) APPROVED**

**Proposed Course Description:** Provides graduate students with the opportunity to receive credit for practical research and independent study experience in geospatial information science and technology. Independent study opportunities must be approved by supervising faculty.

**Proposed Prerequisite:** none.

**Proposed Activity Type:** Independent Study

**Proposed Grading System:** Satisfactory/Unsatisfactory

**Proposed Term:** Fall 2020

**Rationale:** Graduate students from across campus are engaged in aspects of geospatial science as part of their thesis and dissertation research. This independent study course gives them the opportunity to earn credit for working with a faculty member on specific aspects of their research interests. Students and faculty will agree on a study plan and number of credits for the research, and the faculty member will provide guidance.

#### Part IV – Tabled Courses

❖ **Other**

NEUR

4720/5720

**NEUROSCIENCE SPEAKER SEMINAR, 2.0 hrs.**

**Tabled for clarification of pre-req. Course should go through Health Sciences Curriculum Committee for review.**

**Proposed Course Description:** The purpose of this course is to utilize the neuroscience visiting speaker series to build student knowledge in neuroscience, as well as skills in evaluation of the scientific literature, and oral/written communication. This will maximize student learning from the visiting speakers.

**Proposed Prerequisites:** 4720: NEUR 5280; 5720: graduate level standing in neuroscience, biomedical sciences, zoology/physiology, or other life science programs.

**Enforce in Banner?:** Yes

**Proposed Activity Type:** Seminar

**Proposed Grading System:** Letter (A-F)

**Proposed Term:** Summer 2020

Course was previously tabled in meeting #301 (October 2019).