COLLEGE OF ARTS AND SCIENCES
2022 Undergraduate Curriculum Change Proposals
Part I Course Changes
All changes effective Fall 2023

COLLEGE OF ARTS AND SCIENCES INTERDISCIPLINARY PROGRAMS

Interdisciplinary Programs Major, BA – Linguistics Concentration

ADD Course

LING 440 Translation, Linguistics, and Context (3)
This course applies concepts and ideas from linguistics to the field of translation. Primarily drawing from linguistic pragmatics, the systematic study of human language in context, this course provides students with hands-on resources to successfully negotiate source and target language words, grammar, and texts/utterances in light of several layers of context, a process that is at the center of conceptualizing and crafting effective translations.

Rationale: Translation is relevant to the study of linguistics, and over the years students have expressed interest in a course that applies linguistics knowledge to translation. This course will count for the requirement of the Linguistics BA. Impact on other units: none. Financial impact: none

DEPARTMENT OF AFRICANA STUDIES

(AFST) Africana Studies (023)

ADD Course

+AFST 314 The Evolution of Gospel Music (3)
Same as MUSC 314

Rationale: This course traces the origins of Gospel music from psalm, hymns, early American choral music, and its modifications through Spirituals, the Blues, and contemporary popular music. The course is taught through the experiences and vast knowledge of the instructors, offering students a historical and performative approach in understanding this religious music. Impact on other units: cross listed with MUSC 314, MUSC is primary. Financial impact: none

+ADD Course

+AFST 230 - The Black Experience in Theatre Performance (3)
(See THEA 230)
Rationale: The primary, THEA 230 is being taught by the Department of Theatre, and has content that is applicable to Africana Studies. Impact on other units: cross listed with THEA 230. THEA is primary. Financial impact: none

DEPARTMENT OF ANTHROPOLOGY
(ANTH) Anthropology (122)

+DROP Course

+ANTH 240 - Human Anatomy (4)
(See EEB 240)

Rationale: Human Anatomy lecture and lab are being split to accommodate changes to the course structure and to better manage enrollment for Nursing majors. The existing course (EEB 240) will no longer be offered as a combined lecture and lab course. ANTH 240 was a cross-listed course with EEB 240.
Impact on other units: The new course number will require Nursing, Kinesiology, Public Health, pre-professional (e.g., premed) and other programs to update their listings, as the old course number will be dropped. Financial impact: none

+ADD Course

+ANTH 250 - Human Anatomy (3)
(See EEB 250)

Rationale: Human Anatomy lecture and lab are being split to accommodate changes to the course structure and to better manage enrollment for Nursing majors. This change keeps the cross-listing between ANTH and EEB for the new lecture portion of the course.
Impact on other units: The new course will require Nursing, Kinesiology, Public Health, pre-professional (e.g., premed) and other programs to update their listings, as the old course number will be dropped. Cross listed with EEB 250. ANTH is secondary. Financial impact: none

ADD Course

+ANTH 251 - Human Anatomy Laboratory (1)
(See EEB 251)

Rationale: Human Anatomy lecture and lab are being split to accommodate changes to the course structure and to better manage enrollment for Nursing majors. This change keeps the cross-listing between ANTH and EEB for the new lecture portion of the course.
Impact on other units: The new course will require Nursing, Kinesiology, Public Health, pre-professional (e.g., premed) and other programs to update their listings, as the old course number will be dropped. Financial impact: none

ADD Course

ANTH 403 - Taphonomy (3)
(See GEOL 403)
Rationale: ANTH 403 introduces students to the field of taphonomy and provides students with an interest in either anthropology (forensics, zooarchaeology, paleoanthropology) and paleontology (paleoecology, fossil diagenesis) with a survey of the discipline including exposure to the primary literature and experiences with identifying and interpreting the effects of taphonomic processes on organismal remains by way of specimen-based activities and instruction.
Impact on other units: This course will be cross-listed with Earth and Planetary Sciences GEOL 403. GEOL is primary. Financial impact: none.

ADD Course

ANTH 409 - Advanced Collections/Curation (1)
Assist in all phases of accessioning and curation in the UTK Donated Skeletal Collection, with emphasis on professional development, independent research, and logistics.
(RE) Prerequisite(s): ANTH 329 and ANTH 480.
Repeatability: May be repeated. Maximum 3 hours.

Rationale: This new course is a follow up course to ANTH 329 where students are introduced to collections and curation. This course will provide the experience of working with collections management and best curatorial practices in anthropology.
Impact on other units: None. Financial Impact: none

REVISE Title

ANTH 423 Feminist Anthropology (3)
FORMERLY: ANTH 423 Anthropology of Gender (3)

Rationale: The previous title “Anthropology of Gender” is much less reflective of the field within the discipline today, which calls itself Feminist Anthropology, has an association named the Association for Feminist Anthropologists, and a new journal entitled Feminist Anthropology. This title change will better reflect the field and may also be more legible as a marker for students within the department and outside of it.
Impact on other academic units: None. Financial Impact: None.

ADD Course

ANTH 426 Decolonization (3)
Course Description: This course will be a deep dive into the histories, philosophies, and praxis of decolonization. We will investigate colonial histories across the globe, the writings of major participants in decolonization movements, and contemporary settler colonialisms and resistance against them.
Contact Hour distribution: 3 hours lecture and discussion
Prerequisites: none

Rationale: “Decolonization” has become a popular term over the last few years and is often dehistoricized and depoliticized in its use. This course will offer a rich background and understanding for a term and concept that is becoming critical to the theory and practice of the discipline of Anthropology.
Impact on other academic units: None. Financial impact: none.

ADD Course

ANTH 433 Archaeological Laboratory Experience (1)
Assist in one of the Archaeology Laboratories in processing, identifying, curating, and interpreting artifacts and other archaeological materials from sites excavated by UT archaeologists.

(DE) Prerequisite(s): ANTH 120 or ANTH 127 and permission of instructor.

Repeatability: May be repeated. Maximum 6 hours.

_Rationale:_ Adding an archaeology laboratory course to provide a clearer option for students in the new Archaeology concentration to complete laboratory hours. Until now, students have been taking ANTH 400 (Readings in Anthropology) to complete laboratory hours. *Impact on other academic units: none. Financial Impact: None._

**REVISE Course Title**

**ANTH 439 – Variable Topics in Forensic Center Experience and Research (1)**

Formerly: ANTH 439 - Forensic Center Experience and Research (1)

_Rationale:_ This course has been taught with an emphasis on varied topics and so the new title better reflects the way the course number has been used and will open more avenues going forward.

*Impact on other academic units: None. Financial Impact: None._

**REVISE title and description**

**ANTH 462 Archaeology of Europe (3)**

Archaeological survey spanning the origins and evolution of human culture in Europe, to the earliest farming villages, social complexity in the Bronze and Iron Ages, and migrations of the Roman and Medieval eras.

Formerly: ANTH 462 Early European Prehistory (3)

Origins and evolution of human culture in Europe through the beginnings of settled life. Primary focus on Paleolithic/Mesolithic chronology and lifeways.

_Rationale:_ The professor who usually taught this course has retired, and to allow for more instructors and student interest, we have broadened the scope of this course.

*Impact on other academic units: None. Financial Impact: None._

**ADD Course**

**ANTH 465 Vertebrate Osteology (4)**

This intensive laboratory course focuses on the examination and comparison of skeletons of major vertebrate groups in North America, including mammals, birds, fishes, reptiles, and amphibians. Focusing on local fauna from the comparative osteological collections in the Anthropology labs, students will learn to identify characteristics of major families of taxa, as well as learning to identify various local species, with emphasis on identifying skeletal remains from archaeological, paleontological, and forensic contexts.

Prerequisites: ANTH 464, ANTH 306, or ANTH 480
Rationale: Anth 465 introduces students to osteology of mammals, birds, fishes, reptiles, and amphibians and provides students with an interest in either anthropology (forensics, zooarchaeology, paleoanthropology) and paleontology with a thorough review of comparative functional anatomy and experiences with identifying vertebrate remains by way of specimen-based activities and instruction. Impact on Other Academic Units: None. Financial Impact: None.

REVISE Title and Credit Hours

ANTH 474 DNA Lab Methods (3)

Formerly: ANTH 474 Basic Molecular Biology Techniques (2)

Rationale: This is an existing course that is currently offered at 2 credit hours (1 hour lecture + 2 hours lab), but in practice comprises 3 lab hours (plus 1 lecture hour). Therefore the credit hours need to be increased from 2 to 3. The title was formerly too broad; the proposed title is more in line with the course content. Impact on Other Academic Units: None. Financial Impact: The Departmental Budget will be used to cover lab costs.

REVISE Course

ANTH 489 Forensic Science and Human Rights (3)

Formerly: ANTH 489 Forensic Science and Human Rights (3)

Rationale: This course was originally designed to be the second course in a two course series for the DDHR concentration, with ANTH 419 serving as the prerequisite to ANTH 489. The faculty member who designed the original ANTH 419 course is no longer at UTK and the new course syllabus no longer covers the same material that served as a prerequisite. That material has been incorporated into ANTH 489, so the prerequisite is no longer needed. Impact on Other Academic Units: None. Financial Impact: None.

REVISE title, description, prerequisites and registration restriction

ANTH 490 Primate Evolution (3)
Living and fossil primate taxonomy, ecology, and comparative anatomy. Survey of primate fossil record with emphasis on the origin or major primate lineages. (RE) Prerequisite(s): ANTH 110 or ANTH 117 OR GEOL 102 or BIOL 280. Registration Restriction(s): None

Formerly: ANTH 490 Primate Evolution (3)
Living and fossil primate taxonomy, ecology, and comparative anatomy. Survey of primate fossil record with emphasis on the origin or major primate lineages. (RE) Prerequisite(s): ANTH 110 or ANTH 117. Registration Restriction(s): Anthropology major.

Rationale: The change to class permissions will allow students outside of the Anthropology major who are part of the paleontology minor, housed in Earth and Planetary Sciences, the ability to enroll.
Impact on other academic unit: None. Financial Impact: none.

REVISE title, description, prerequisites and registration restriction

ANTH 495 Hominin Paleobiology (4)
Intensive survey of the hominin fossil record from the earliest hominid remains to the earliest origins of modern human form.
(RE) Prerequisite(s): ANTH 110 or ANTH 117 or GEOL 102 or BIOL 280.
Registration Restriction(s): None

Formerly: ANTH 495 Human Paleontology (4)
Intensive survey of the human fossil record from the earliest hominid remains to the earliest origins of modern human form.
(RE) Prerequisite(s): ANTH 110 or ANTH 117.
Registration Restriction(s): Anthropology major.

Rationale: The course title and description are being changed to more accurately describe the course content. The change to class permissions will allow students outside of the Anthropology major who are part of the paleontology minor, housed in Earth and Planetary Sciences, the ability to enroll. Impact on other academic units: None. Financial Impact: None.

SCHOOL OF ART

(ARTB) Art Three-Dimensional Arts

REVISE prerequisite

ARTB 321 - Intermediate Ceramic Sculpture (4)
(RE) Prerequisite(s): ARTB 221 or ARTN 221

Formerly: ARTB 321 - Intermediate Ceramic Sculpture (4)
(RE) Prerequisite(s): ARTB 320.

Rationale: Removes ceramics portfolio review as a prerequisite for ARTB 321. This change will permit BA majors and minors, who are not required to have a portfolio review, to advance into UD courses. Impact on other academic units: None. Financial impact: None.

REVISE Prerequisite

ARTB 322 Intermediate Pottery (4)
(RE) Prerequisite(s): ARTB 222 or ARTN 222

Formerly: ARTB 322 Intermediate Pottery (4)
(RE) Prerequisite(s): ARTB 320.

Rationale: Removes ceramics portfolio review as a prerequisite for ARTB 322. This change will permit BA majors and minors, who are not required to have a portfolio review, to advance into UD courses. Impact on other academic units: none. Financial impact: none.
REVISE prerequisites

**ARTB 341 Intermediate Sculpture (4)**
(RE) Prerequisite(s): ARTB 241 or ARTN 241

ARTB 341 - Intermediate Sculpture (4)
(RE) Prerequisite(s): ARTB 245, ARTB 246 and ARTB 340

**Rationale:** Current pre-reqs include courses ARTB 245 and ARTB 246 that are currently offered only once every few years, creating barriers for students. Removing the sculpture portfolio review requirement and replacing it with the sequentially appropriate intro course (ARTB 241 or ARTN 241) will allow students from other concentrations to access this upper-division course. Impact on other academic units: None. Financial impact: None.

**Revise Prerequisites**

**ARTB 421 - Advanced Ceramic Sculpture (6)**
(RE) Prerequisite(s): ARTB 320 & 321

Formerly: ARTB 421 - Advanced Ceramic Sculpture (6)
(RE) Prerequisite(s): 323.

**Rationale:** This change moves portfolio review from a prerequisite for 300-level ceramics classes to 400-level. This change will permit BA majors and minors, who do not have a portfolio review requirement, to advance into 300-level courses. This will also allow students from other concentrations to access 300-level courses. Impact on other academic units: None. Financial impact: None.

**Revise prerequisites:**

**ARTB 422 - Advanced Pottery (6)**
(RE) Prerequisite(s): 320 & 322

Formerly: ARTB 422 - Advanced Pottery (6)
(RE) Prerequisite(s): 322.

**Rationale:** This change moves portfolio review from a prerequisite for 300-level ceramics classes to 400-level. The change will permit BA majors and minors, who do not have a portfolio review requirement, to advance into 300-level courses. This will also allow students from other concentrations to access 300-level courses. Impact on other academic units: None. Financial impact: None.

(ArtC) Art Four-Dimensional Arts
ARTC 330 Time-Based Arts Portfolio Review

Formerly: ARTC 330, 4D Arts Concentration Progression Requirement Review

Rationale: This will align with the change from "4D" to "Time-Based Arts" across our offerings, as well as adhere to the naming convention used in other portfolio review courses throughout the School of Art. This will reduce confusion surrounding the course. Impact on other academic units: None. Financial Impact: None.

ARTC 439 - Special Topics in Time-Based Arts

Formerly: ARTC 439 - Special Topics in Four-Dimensional Arts

Rationale: This change is to correct an oversight. Four-Dimensional Arts was changed to Time-Based media wherever it appears in the Undergraduate Catalog and Graduate Catalog. Impact on other academic units: none. Financial impact: none.

+ADD Cross-listed course

ARTM 483 - History of Museums and Collections (3 credit hours)
(Same as ARTH 483)

Rationale: Cross-listing this course with ARTM 483 will give it more visibility in the showcase of the new Museum and Curatorial Studies minor. Impact on other academic units: Addition to the Museum and Curatorial Studies minor. Financial impact: none.

ARTC 496 - Capstone (3)

Students will engage in self-initiated research to demonstrate proficiency in time-based arts.

Formerly: ARTC 496 - Capstone (3)

Students will engage in self-initiated research to demonstrate proficiency in four-dimensional arts.

Rationale: This change is to correct an oversight. Four-Dimensional Arts was changed to Time-Based media wherever it appears in the Undergraduate Catalog and Graduate Catalog. Impact on other academic units: None. Financial Impact: None.
(BCMB) Biochemistry & Cellular and Molecular Biology (188)

REVISE prerequisite

BCMB 230 - Human Physiology (5)
(RE) prerequisite(s) CHEM 102/103 or CHEM 122/123

Formerly: BCMB 230 - Human Physiology (5)
(RE) Prerequisite(s) CHEM 112*-CHEM 113* or CHEM 132*-CHEM 133*

Rationale: Human Physiology BCMB 230 - The first sequence of chemistry (CHEM 102/103 or CHEM 122/123) is sufficient to provide foundations for success in BCMB 230. The change is to drop the second chemistry course requirement from each sequence. Dropping this additional requirement will allow BCMB majors to take this 230 course earlier. The current requirement is not justified for students that take BCMB 230 from majors such as Nursing.

Impact on other academic units: None. Financial impact: None.

DIVISION OF BIOLOGY

(BIOL) Biology (190)

ADD Course

BIOL 104 Biology in the Real World (4)
This course will be a 4-credit hour introductory level biology course with a lab, and it is primarily meant to attract students needing to fulfill the VolCore NS with Lab requirement. Many students needing an NS with Lab, take our BIOL 101 course. However, with the massive growth in programs like nursing and public health that require BIOL 101 for the major, we went beyond capacity in 101 this fall leaving many nursing, kinesiology, psychology, and public health majors unable to enroll. We propose to offer BIOL 104 as an option to students only seeking the VolCore NS with Lab requirement to alleviate pressure on 101 and provide a better experience for VolCore students. BIOL 104 would be a 'best of biology' course covering both molecular and cellular biology, and ecology and evolutionary biology. It would provide a more comprehensive overview of biology than 101, which is primarily molecular and cellular, giving VolCore students a better single-course experience in biology.

BIOL 104 – Biology in the Real World (4)
For VolCore General Education Credit for students who need a Natural Science course with Lab. Biology 104 is designed to help you become scientifically literate citizens, develop curiosity, the willingness and freedom to ask questions, think critically and be more informed and aware of the world around you. Students will demonstrate the ability to describe fundamental biological principles and identify the scientific dimensions of contemporary issues. Topics include Nutrition, the flow of Genetic Information, the Immune System, Biological Species, Populations, and Communities, Invasive Species, and Sustainability.

This course is not part of a Natural Science sequence. Credit for BIOL 104 may not be earned along with credit for BIOL 101 or BIOL 102.

Satisfies Volunteer Core Requirement: (NS)
Contact Hour Distribution: 3 hours lecture and 2-hr lab activity each week
Rationale: With continued growth in the size of our Freshman classes, the introductory biology courses, specifically Biology 101, is at capacity and cannot be expanded due to lab space. We are proposing BIOL 104 as a method to alleviate pressure on enrollment in 101, and to offer non-STEM majors a way to complete the VolCore Natural Sciences with Lab requirement. Currently, BIOL 101 enrolls students who require 101, and the sister sequence course 102, for their major (e.g. psychology, nursing), and students who are taking it to fulfill the Natural Science with Lab course to fulfill their VolCore requirement. The dual need for 101, has caused many students who need it for their major, to not be able to enroll in the course. We need to create a new course to draw VolCore students out of BIOL 101 to assure access for students who need that course for their majors. A new course targeted to VolCore NS would also allow for a better experience for those students.
Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF CLASSICS

(CLAS) Classics (257)

ADD Course

CLAS 110 - English Grammar for Students of Latin (1)
Covers principles of English grammar and compares them to those in Latin, including parts of speech, morphology, and syntax.

Rationale: As a written, rather than spoken, language, Latin instruction relies on a traditional “grammar-translation” approach that frequently employs grammatical terminology (e.g., “indirect objects,” “participles,” “gerunds,” “subordinate clauses”). Undergraduate students in Latin are to a significant degree unfamiliar with this terminology and so they regularly (re)learn English grammar in the process of learning Latin. Offering a 1-credit-hour course every fall semester was felt necessary to give students in CLAS 111: Beginning Latin additional training in the basics of English grammatical concepts as they relate to the Latin language, to attain a firmer grasp of way that English constructions relate to Latin counterparts. No co-requisites are sought for this course in case students who transfer or test into higher-level Latin courses wish to sure up their English grammar.
Impact on other academic units: None. Financial impact: None.

ADD Course

CLAS 223 - Classical Mythology (3)
Study of myths of ancient Greece and Rome, covering their religious and cultural significance as well as major themes, from the earliest recorded accounts through the Roman Empire.
Satisfies Volunteer Core Requirement: (AH)
Credit restriction: Students may not receive credit for both CLAS 221/222 and 223.

Rationale: CLAS 223 and CLAS 224 are proposed as new courses to replace the current Classics mythology sequence of CLAS 221 and CLAS 222, which is divided peculiarly along chronological lines, split at ca. 450 BCE. The new sequence of CLAS 223/224 reflects a topical divide: CLAS 223 covers Classical myth internal to itself, while CLAS 224 covers myth externally, looking at the connections of ancient Greek and Roman mythology within a broader, global landscape. CLAS 223: Classical Mythology would effectively combine
the content of CLAS 221 and 222 into a single course surveying ancient Greek and Roman mythology, while CLAS 224: World Mythology would look at ancient Greek and Roman mythology in its global context, both alongside other world mythologies and in terms of how myths are adapted, transmitted, and received. Offering CLAS 223 as a unified course on Classical Mythology would align UTK Classics curriculum with normal disciplinary practice and curricular offerings elsewhere: all eleven of UTK’s comparative peer institutions and all six of UTK’s aspirational peer institutions have a single, comprehensive “Classical Mythology” course, while offering CLAS 224: World Mythology works towards promoting intellectual and disciplinary diversity in the field (see proposal to add CLAS 224: World Mythology).

Impact on other academic units: None.  Financial impact: None.

ADD Course

CLAS 224 - World Mythology (3)
Global survey of ancient mythology, situating Greek and Roman myths within their broader, diverse world context, including Near Eastern, Norse, and Indian mythologies along with relevant inheritors, ancestors, neighbors, and comparators. Topics include myths of creation, destruction, heroes, along with the reception, themes, and adaptation of stories.
Satisfies Volunteer Core Requirement: (AH)

Rationale: CLAS 223 and CLAS 224 are proposed as new courses to replace the current Classics mythology sequence of CLAS 221 and CLAS 222, which is divided peculiarly along chronological lines, split at ca. 450 BCE. The new sequence of CLAS 223/224 reflects a topical divide: CLAS 223 covers Classical myth internal to itself, while CLAS 224 covers myth externally, looking at the connections of ancient Greek and Roman mythology within a broader, global landscape. This is a timely change not only due to recent personnel changes in the department, but it also addresses repeated calls for greater intellectual and disciplinary diversity in the field of Classics. This course proposal therefore meets a critical disciplinary need (see also the CLAS 223 add proposal).

Impact on other academic units: None.  Financial impact: None.

REVISE description

CLAS 362 – Roman Law (3)
Historical development of Roman law from the Republican to Imperial period. Topics include public law, the history of Roman legal institutions, and political reform, as well as case law in the areas of contracts, property or delict.

Formerly:  CLAS 362 – Roman Law (3)
Historical development of Roman law in the Classical period (50 BCE-250 CE) with particular attention to the analysis of case-law in the areas of contract, property, or delict. Writing-emphasis course.

ADD Course

CLAS 383 - Business and Trade in the Ancient Mediterranean (3)
The study of business, commerce, trade, and money in the ancient Mediterranean world from the Bronze Age through the Roman Empire. Topics include long-distance exchange, small-scale cabotage, coinage, credit, debt, banking, retail, distribution, luxuries, and theories of the ancient economy.
Rationale: The ancient economy is a research specialization of a faculty member in Classics, and the topic of business, commerce, money, and trade in the ancient world has been of sustained interest among UTK students; majors have also requested greater diversity of topics offered by our department. This course is therefore proposed to provide an additional topics course alongside other similar topical 300-level offerings (e.g., CLAS 340: Greek and Roman Athletics; CLAS 345: Greek and Roman Religion; CLAS 384: Gender and Sexuality in Greece and Rome). Focus is on ancient Greece and Rome but current calls for greater disciplinary diversity in the field of Classics compel a Mediterranean focus to integrate ancient Greece and Rome alongside other contemporary ancient societies important for understanding their development (e.g., Egypt, Carthage).
Impact on other academic units: None. Financial impact: None.

ADD Course

CLAS 494 - Classics Practicum (1-3)
Real-world, practical applications of Classics.
No grading restriction.
No prerequisites/co-requisites.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: This course entails a practicum for Classics majors engaged in a real-world application of their program of study, variable for their particular track. Students who are in the Classical Languages track (Latin/ancient Greek) may be registered in the 1-credit-hour EDUC 100 teacher service-learning course, which places them in Knox County Schools, and take CLAS 494 for 2 additional credit hours to reflect on career development and Latin language instruction in secondary schools. Students who are in the Classical Archaeology track may likewise register for this course in order to learn about the organization of professional archaeological societies, such as the Archaeological Institute of America – East Tennessee Society, which is managed out of the Department of Classics, and apply their knowledge from their major in AIA/ETS outreach events. They may also use this course to earn credit for volunteer work in the McClung Museum.
Impact on other academic units: In cases where students are seeking to be placed as volunteers in Latin programs in Knox County Schools, they will take EDUC 100 simultaneously. Financial impact: None.

DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY

(EEB) Ecology and Evolutionary Biology (278)

DROP Course

EEB 240 Human Anatomy (4)

Rationale: Human Anatomy lecture and lab are being split to accommodate changes to the course structure and to better manage enrollment for Nursing majors. The existing course (EEB 240) will no longer be offered as a combined lecture and lab course.
Impact on other academic units: The new course number will require Nursing, Kinesiology, Public Health, pre-fessional (e.g., premed) and other programs to update their listings, as the old course number will be dropped.
ADD Course

EEB 250 Human Anatomy (3)
Human Anatomy provides students with fundamental knowledge about the structures of the human body and the functions of those structures. Clinical applications of anatomical knowledge will be highlighted throughout the course.
(RE) Prerequisite(s): One of the following: BIOL 101, 102, 150/159, or 160/159
(RE) Corequisite(s): EEB 251

Rationale: Human Anatomy lecture and lab are being split to accommodate changes to the course structure and to better manage enrollment for Nursing majors.
Impact on other academic units: The new course will require Nursing, Kinesiology, Public Health, pre-professional (e.g., premed) and other programs to update their listings, as the old course number will be dropped. Cross listed with ANTH 250, EEB is primary
Financial impact: none.

ADD Course

EEB 251 Human Anatomy Laboratory (1)
Apply anatomical knowledge gained in Human Anatomy lecture to models and human cadavers to master terminology, three-dimensional relationships, and clinical applications.
Contact hour distribution: 3 hours laboratory
(RE) Prerequisite(s): One of the following: BIOL 101, 102, 150/159, or 160/159
(RE) Corequisite(s): EEB 250

Rationale: Human Anatomy lecture and lab are being split to accommodate changes to the course structure and to better manage enrollment for Nursing majors. Impact on other units: The new course will require Nursing, Kinesiology, Public Health, pre-professional (e.g., premed) and other programs to update their listings. Financial impact: none.

REVISE (RE) PREREQUISITE(S)

EEB 330 - Field Botany (3)
(RE) Prerequisite(s): (RE) Prerequisite(s): Any one of the following courses: BIOL 101*, BIOL 102*, BIOL 105*, BIOL 106*, BIOL 113*, BIOL 114*, BIOL 115, BIOL 150*, BIOL 158, BIOL 160*, BIOL 168*, BIOL 260, BIOL 280, or EEB 304, EEB 305*, EEB 306, or equivalent.
Formerly: (RE) Prerequisite(s): C(RE) Prerequisite(s): Any two of the following courses: BIOL 101*, BIOL 102*, BIOL 105*, BIOL 106*, BIOL 113*, BIOL 114*, BIOL 115, BIOL 150*, BIOL 158, BIOL 160*, BIOL 168*, BIOL 260, BIOL 280, or EEB 304, EEB 305*, EEB 306, or equivalent.

Rationale: The number of required prerequisite courses needs to be decreased to one in order for this course to be able to be applied to the new minor in Ecology and Evolutionary Biology that is being proposed.
Impact on other academic units: None. Financial impact: None.

REVISE title and description
EEB 444 Diversity of Tennessee Fishes (3)
We will explore the rich diversity of Tennessee’s fishes in the field and laboratory to develop student’s abilities to: 1) describe the fish communities of the major river systems, 2) identify fishes in the field and laboratory, 3) explain the general eco-evolutionary mechanisms that generate and maintain fish diversity

FORMERLY: EEB 444 Diversity of Fishes (3)
We will explore the rich diversity of Tennessee’s fishes

Rationale: The new title better differentiates EEB 444 from EEB 474. The new description indicates skills and outcomes that the prior description left out.
Impact on other academic units: None. Financial impact: None.

DROP Course

EEB 463 - Ecological Genetics and Genomics (3)

Rationale: This course was approved in AY21 under EEB 463. That course number was already taken and associated with an inactive course (EEB 463 Plant Ecophysiology). We are therefore dropping EEB 463 Ecological Genetics and Genomics and adding a new course under a new number. Impact on other academic units: None. Financial impact: None.

REVISE title and description

Diversity, Ecology, and Evolution of Fishes EEB 474 (4)
We will tour the Fish Tree of Life in lecture and laboratory with an emphasis on fishes of eastern North America. Our goals are to describe evolutionary patterns and ecological interactions in fishes, relate morphology to ecology, and to develop identification skills.

FORMERLY: Ichthyology (4)
Evolution, classification, collection and identification, distribution and biology of fishes with emphasis on freshwater fauna of eastern North America.

Rationale: The new title is more descriptive of the course content/outcomes. The new description identifies skills and outcomes instead of listing topics covered in the old description.
Impact on other academic units: None. Financial impact: None.

+ADD CROSS-LISTING

+EEB 479 - Advanced Techniques in Nucleic Acid Sequencing (3)
(see MICR 479)

Rationale: EEB is adding a cross-list because this class will serve well for all students in the Biology Division.
Impact on other academic units: cross listed with MICR 479. MICR is primary. Financial impact: None.

ADD Course
**EEB 4XX Conservation Genomics (3)**
Application of state-of-the-art genomic data to conservation of natural populations. Basic concepts in population genetics and conservation. Conceptual challenges raised by genome scale research for conservation. Practical lessons on computation and data analysis.

(RE) Prerequisite(s): Any two of the following courses: Biology 101, 102, 105, 106, 113, 114, 115, 150, 158, 160, 168, 260, 280, FWF 250, FORS 215

Recommended Background: 8 hours of biology courses.

**Rationale:** There is currently no course at UTK addressing population genetics and genomics. As a result, students have no opportunity to gain a fundamental understanding of how genetic concepts and modern genomic data can inform critical issues, including the history and population structure of our own species, the ability of animal and plant populations to respond to global change, the significance of DNA technology in public health, the relationship between genotype and phenotype, and more. Even worse, many students graduate with misconceptions about key concepts like heritability and inbreeding.

**Impact on other academic units:** None. Financial impact: None.

**ADD Course**

**EEB 491: Animal Care Internship (2)**
Gain hands-on experience working with a live bird colony. Learn the process of animal care husbandry, handling live animals, monitoring health and animal welfare, and record keeping. All interns will receive IACUC comprehensive training. Given the interests of the intern, activities can involve assisting with research.

Registration Permission: Permission of the instructor required

Grading Restriction: S/NC (non-standard grading option)

**Rationale:** This course has been offered in various forms under EEB 400 and EEB 493 but both are not fully compatible with the content or grading structure of the course.

**Impact on other academic units:** None. Financial impact: None.

**ADD Course**

**EEB 494: Herbarium Internship (2)**
Gain hands-on experience working with a natural history collection of preserved plants and fungi. Learn the process of collecting, recording, and databasing specimens documenting botanical history.

Registration Permission: Permission of the instructor required

Grading Restriction: S/NC (non-standard grading option)

**Rationale:** A continuation of the herbarium internship under EEB 493 is incompatible with the internship’s grading structure.

**Impact on other academic units:** This course is planned to be added to the optional internship credit hours listed for the Museum and Curatorial Studies minor. Financial impact: none.

**ADD Course**

**EEB 497: Avian Field Methods Internship (2)**
Description: Gain hands-on experience working with birds in the field. Learn field methods in ecological and conservation research with emphasis on monitoring nests and chick growth. Interns will also learn
how to handle live animals, monitor health and animal welfare, and record keeping. All interns will receive IACUC comprehensive training. Given the interests of the intern, activities can involve assisting with research.

Registration Permission: Permission of the instructor required
Grading Restriction: S/NC (non-standard grading option)

Rationale: This course has been offered in various forms under EEB 400 and EEB 493, but both are not fully compatible with the content of grading structure of the course.

Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF ENGLISH

(ENGL) English (339)

ADD Course

ENGL 112 - Advanced Writing and Research (3)
Advanced instruction focused on rhetorical analysis, argument, and research. Strategies for analyzing texts rhetorically, developing substantive arguments for specific audiences, investigating research questions, evaluating and using primary and secondary sources, and presenting research using appropriate disciplinary conventions.
Satisfies Volunteer Core Requirement: (WC)
Satisfies General Education Requirement through the 2021-2022 academic catalog: (WC)
Grading Restriction: ABC/N grading only.
Credit Restriction: Students with credit for ENGL 102*, ENGL 132*, ENGL 290*, ENGL 298* may not receive credit for ENGL 112*.
Prerequisite: Score of 3 or higher on the AP Language and Composition exam and score of 29 or above on ACT English and ACT Composite or score of 680 or above on SAT Verbal and score of 1280 or above on SAT Composite.

Rationale: We plan to discontinue offering ENGL 118 and instead have created a new course, ENGL 112, that provides a distinct FYC pathway for a group of qualified (“advanced”) students who demonstrate the potential for quickly developing in-depth rhetorical knowledge they can apply to inquiry-based research. Students who previously took ENGL 118 should take ENGL 112.

Impact on other academic units: ENGL 112 will need to be added to the list of prerequisites of all WC and ENGL courses that currently include ENGL 102 (and equivalents such as ENGL 118, ENGL 132, ENGL 290, ENGL 298) as prerequisites.

DROP Course

ENGL 118, Honors: English Composition (3)

Rationale: The Department of English has created a new course, ENGL 112, that will replace ENGL 118, which will no longer be offered.
Impact on other academic units: All affected units have been advised of the English revisions. Financial impact: None.

INFORMATION FOR VOTING ONLY, NOT IN CATALOG
If the FYC proposals from Arts & Sciences are approved at the college level, the Vol Core Committee level, and at the January UG Council Curriculum Committee meeting, the Provost’s Office will prepare a companion proposal that adjusts the prerequisites for all WC courses. An omnibus proposal of this type will reduce the amount of work that college offices have to do to implement the change.

If individual units want to make other changes to their WC course prerequisites at the same time, each unit would be responsible for those changes.

All units will have the option to either: (1) go with the new prereq or (2) to drop the WC designation. If you drop the WC designation, you will have to continue to use the WC prereq during the teach-out period or drop the course and add it back with a new course number.

Colleges will be responsible for program (i.e. footnote) adjustments in their programs.

ADD Course

ENGL 217: Honors: Introduction to Shakespeare (3)
Enriched section of 206*
Satisfies Volunteer Core Requirement: (AH) (WC)
(RE) Prerequisite(s): ENGL 102*, ENGL 118*, ENGL 132*, ENGL 290*, or ENGL 298*.
Registration Restriction(s): 3.25 GPA or consent of instructor.

Rationale: The Chancellor’s Honors first-year writing requirements are being changed to give Honors students a greater variety of options in their first year. Instead of the 198/298 sequence, many Honors students will now place out of first-year composition but still be required to take a Written Communication course in English at the 200 level. The addition of this Honors course will provide more curricular options for Honors students.
Impact on other academic units: None. Financial impact: None.

ADD Course

ENGL 218: Honors: Introduction to Jane Austen (3)
Enriched section of 209*
Satisfies Volunteer Core Requirement: (AH) (WC)
(RE) Prerequisite(s): ENGL 102*, ENGL 118*, ENGL 132*, ENGL 290*, or ENGL 298*.
Registration Restriction(s): 3.25 GPA or consent of instructor.

Rationale: The Chancellor’s Honors first-year writing requirements are being changed to give Honors students a greater variety of options in their first year. Instead of the 198/298 sequence, many Honors students will now place out of first-year composition but still be required to take a Written Communication course in English at the 200 level. The addition of this Honors course will provide more curricular options for Honors students.
Impact on other academic units: None. Financial impact: none.

ADD Course

ENGL 278: Honors: Themes in Literature (3)
Enriched section of 254*
Satisfies Volunteer Core Requirement: (AH) (WC)
(RE) Prerequisite(s): ENGL 102*, ENGL 118*, ENGL 132*, ENGL 290*, or ENGL 298*.
Registration Restriction(s): 3.25 GPA or consent of instructor.

Rationale: The Chancellor’s Honors first-year writing requirements are being changed to give Honors students a greater variety of options in their first year. Instead of the 198/298 sequence, many Honors students will now place out of first-year composition but still be required to take a Written Communication course in English at the 200 level. The addition of this Honors course will provide more curricular options for Honors students.
Impact on other academic units: None. Financial impact: None.

DROP Course

ENGL 290 - Intermediate Writing and Research (3)

Rationale: The Department of English will no longer offer ENGL 290 as it is similar to the revised ENGL 298 course.
Impact on other academic units: None. Financial impact: None.

REVISE title, description, credit restriction, prerequisite, and comment

ENGL 298 - Honors Writing and Research (3)
Advanced research and writing instruction, with emphasis on strategies for conducting independent scholarly research, locating and evaluating information, using varied sources and research methods, developing positions based on evidence, and writing about research using appropriate conventions from different disciplines.
Credit Restriction: Students who receive a grade of C or better in ENGL 298* may not subsequently receive credit for ENGL 102*, ENGL 112*, ENGL 118*, ENGL 132*, or ENGL 290*.
Prerequisite(s): ENGL 101 and enrollment in 1794 Scholars Program, Chancellor’s Honors Program, Haslam Scholars Program, or Honors Leadership Program.
Comment(s): Non-honors program students with a score of 4 or 5 on the AP Language and Composition exam and score of 29 or above on ACT English or score of 680 or above on SAT Verbal may enroll in the course.

Formerly: ENGL 298 - Chancellor’s Honors Writing II (3)
Intensive writing and research instruction to build upon ENGL 198*, with emphasis on strategies for conducting independent research, locating and evaluating information, using varied sources and research methods, developing positions based on evidence, and writing up research using appropriate conventions within different disciplines. Course topic includes exploration of debates concerning the pursuit of truth and knowledge within different disciplines.
Credit Restriction: Students who receive a grade of C or better in ENGL 298* may not subsequently receive credit for ENGL 102*, ENGL 132*, or ENGL 290*.
(RE) Prerequisite(s): ENGL 198*.
Comment(s): Restricted to Chancellor’s Honors Program students.

Rationale: Course updates previous version of ENGL 298 based on feedback from the Honors program and establishes a new honors FYC pathway for qualified groups of students.
Impact on other academic units: None. Financial impact: None.

REVISE title
ENGL 411 Restoration and Early Eighteenth-Century British Literature (3)

Formerly: ENGL 411 - Literature of the Restoration and Early 18th Century: Dryden to Pope

Rationale: A shortening of the title to make it more appealing to students and more flexible for the professors who teach it since the canon has shifted since the course was originally proposed. Impact on other academic units: All affected units have been advised of the English revisions. Financial impact: None.

REVISE title

ENGL 412 ENGL 412: Late Eighteenth-Century British Literature (3)

Formerly: ENGL 412 Literature of the Later 18th Century: Johnson to Burns (3)

Rationale: A shortening of the title to make it more appealing to students and more flexible for the professors who teach it since the canon has shifted since the course was originally proposed. Impact on other academic units: None. Financial impact: None.

EARTH AND PLANETARY SCIENCES DEPARTMENT

(GEOL) Geology (424)

Revise Credit Restriction:

GEOL 100 Earth, Environment, and People (3)
Credit Restriction: Students may not receive credit for both GEOL 100 and GEOL 103

Formerly: GEOL 100 Earth, Environment, and People (3)
no restriction

Rationale: GEOL 100 and GEOL 103 cover similar content but GEOL 103 is 4.0 credit with lab, GEOL 100 is 3.0 credit, lecture only with integrated course activities. Students taking both courses will encounter the same material twice. It is recommended that students seek greater diversity in their science requirement, which is also available in GEOL. Impact on other academic units: None. Financial impact: none.

Revise Credit Restriction:

GEOL 103 Earth’s Environments (4)
Credit Restriction: Students may not receive credit for both GEOL 103 and GEOL 100

Formerly: GEOL 103 Earth’s Environments (4)
no restriction

Rationale: GEOL 100 and GEOL 103 cover similar content but GEOL 103 is 4.0 credit with lab, GEOL 100 is 3.0 credit, lecture only with integrated course activities. Students taking both courses will encounter the
same material twice. It is recommended that students seek greater diversity in their science requirement, which is also available in GEOL.
Impact on other academic units: None. Financial impact: None.

REVISE Description and course ownership

GEOL 206 Sustainability Principles and Practices (3)
(see GEOG 206)

Formerly: GEOL 206 Sustainability Reducing Our Impact on Planet Earth (3) and GEOL 206S: Sustainability Reducing our Impact on Planet Earth
(Same as GEOG 206)

Rationale: This course is the introductory course for the Sustainability major and minor. The Department of Geography and Sustainability became the home of the Sustainability major in 2017 and their faculty have taught GEOL/GEOG 206 & 206S courses since that time. However, because Geography and Sustainability are not the primary owners of the course they are not able to make changes via the registrar during the course scheduling process.
Impact on other academic units: We are requesting the change in ownership of a course from Earth and Planetary Sciences to Geography and Sustainability. Financial impact: None.

Drop course

GEOL 206S Sustainability: Reducing Our Impact on the Planet Earth (1)

Rationale: This will no longer be a GEOL course. GEOG added 216S as a service learning course to complement 206 housed in GEOG.
Impact on other units: GEOG 206S will also be dropped. Financial impact: none.

Revise title

GEOL 210 Astrobiology: Life, the Universe, and Everything (3)

Formerly: GEOL 210 Life, the Universe, and Everything (3)

Rationale: To clarify the main topic of this multidisciplinary course and to aid in enticing student interest.
Impact on other academic units: None. Financial impact: None.

ADD Course

GEOL 2XX Critical Minerals, Energy, and Society (3)
Survey of the Earth's mineral and energy resources, their distribution and their influence on society. Topics include critical minerals used in manufacturing, technology and green energy, the effects of mining, refinement, manufacturing and recycling on the environment and the mineral supply chain. Recommended Background: 1 GEOL 100 level geology class.

Rationale: This class will enhance course offerings in the environmental sciences in the Department of Earth and Planetary Sciences.
**Impact on other academic units:** None. **Financial impact:** None.

**ADD Course**

**GEOL 403 Taphonomy (3)**
A survey of the field of taphonomy, covering processes that affect and alter organismal remains in the postmortem interval. Topics will address taphonomic processes acting at varying temporal and geographic scales relevant to both anthropology and paleontology, exploring the interdisciplinary nature of the field.
Recommended background: GEOL 102 and GEOL 320 OR ANTH 120 and ANTH 464

**Rationale:** GEOL 403 introduces students to the field of taphonomy and provides students with an interest in either anthropology (forensics, zooarchaeology, paleoanthropology) and paleontology (paleoecology, fossil diagenesis) with a survey of the discipline including exposure to the primary literature and experiences with identifying and interpreting the effects of taphonomic processes on organismal remains by way of specimen-based activities and instruction.

**Impact on other academic units:** This course will be cross-listed with Anthropology. Earth and Planetary Sciences is primary. **Financial impact:** None.

**ADD Course**

**GEOL 420 Trace Fossils: Behavior, Environment, and Applications (3)**
An investigation of organism-substrate interactions during the present and throughout geologic time. Topics include ichnologic theory, a review of modern and ancient trace makers, ichnofacies models, and applications to sedimentologic and stratigraphic problems, environmental impacts on substrate-dependent ecosystems, as well as oil, gas, and groundwater exploration.
Recommended prerequisites: either GEOL 320 or GEOL 340

**Rationale:** This course is being added by a new faculty member and will be taken primarily by majors in the Department of Earth and Planetary Sciences or those in the Geology, Environmental Studies, or Paleobiology minors.

**Impact on other academic units:** None. **Financial impact:** None.

**ADD Course**

**GEOL 444 Teach the Earth (3)**
Students will explore, discuss, and practice evidence-based strategies for teaching in the geosciences. This course will equip students with a framework for growth and effective communication throughout their professional careers. Topics include connecting with personal experiences as geoscientists, developing a teaching philosophy, effective lesson planning, evidence-based teaching strategies, and transparent assessment.
(DE) Prerequisite: GEOL 101

**Rationale:** This new course will provide students majoring in geology the opportunity to practice communication through teaching. Sharing and teaching information is a fundamental skill for geoscientists regardless of their chosen career. Therefore, this course helps prepare students for work after graduation. This proposal is submitted concurrently with a VolCore Applied Oral Communications proposal. **Expected enrollment 15-30 and will include geology majors.**
Impact on other academic units: None. Financial impact: None.

ADD Course

GEOL 453 Modern and Ancient Soils (3)
An investigation of soils in the modern and geologic record. Topics include an overview of soil formation and major soil processes, field and laboratory techniques in the study of soils and paleosols, impacts of environmental and climatic change on soil systems, as well as the use of paleosols in paleoenvironmental and paleoclimatic reconstructions.
Prereqs: GEOL 101, recommend GEOL 340

Rationale: This course is being added by a new faculty member and will be taken primarily by majors in the Department of Earth and Planetary Sciences or those in the Geology, Environmental Studies, or Paleobiology minors. Impact on other academic units: None. Financial impact: None.

ADD Course

GEOL 483 Radiogenic Isotope Geochemistry (3)
Radiogenic isotope geochemistry studies the natural variations in the relative isotope abundances of interested elements caused by radioactive decay. The course will provide an introduction of nuclear processes and their applications in the broad field of Earth and planetary sciences. We will discuss radiogenic isotopes as a tool for chronology, as well as a monitor of geological processes in the mantle and crust of the Earth and other rocky planets. We will also review laboratory measurements of radiogenic isotope variations. There are no formal prerequisites, but students should be prepared to learn (or relearn) physics, chemistry, and math.
May be repeated one time

Rationale: This course teaches foundations of radiogenic isotope geochemistry, which is an important aspect of modern geology. It is extensively used in the broad field of Earth and planetary sciences. Students will be better prepared for advanced courses and a career in Earth and planetary sciences. The course is developed for both graduate and undergraduate students, and will be taught at the 400/500 level in Spring 2023.
Impact on other academic units: None. Financial impact: None.

GEOGRAPHY AND SUSTAINABILITY DEPARTMENT

(GEOG) Geography (415)

ADD Course

GEOG 202 - Effective Science Communication for Geography and Sustainability Professionals (3)
This course is focused on techniques for effective public scholarship to diverse audiences. Students will learn a variety of written and oral communication forms through individual and group assignments on communicating technical science, managing public messaging, and responding to topical themes that Geography and Sustainability professionals will encounter.

Rationale: Geography and Sustainability careers require communicating scientific research, and often research that is politicized. Professionals enter business, academia, nonprofits, and state, local, and
federal government agencies and need skills and techniques for public scholarship, data analysis, and dissemination to diverse audiences, and professional writing and speaking ranging from press releases and white papers to social media, interviews, and testimonies.

Impact on other academic units: None. Financial impact:

+Revise title, description, and course ownership

+GEOG 206 Sustainability Principles and Practices (3)
This course is an introduction to theories and practices in sustainability. The course explores the connections between environmental, social, and economic systems at local, regional, and global scales. This course provides a foundational discussion into various systems including water, energy, waste, food and agriculture, pollution and production, and the built environment.

Formerly: GEOG 206 Sustainability Reducing Our Impact on Planet Earth (3)
(same as GEOL 206)

Rationale: This course is the introductory course for the Sustainability major and minor. The Department of Geography and Sustainability became the home of the Sustainability major in 2017 and their faculty have taught the GEOL/GEOG 206 & 206S courses since that time. However, because Geography and Sustainability are not the primary owners of the course they are not able to make changes via the registrar during the course scheduling process.

Impact on other units: GEOL is now secondary. Financial impact: none

ADD Course

GEOG 216S Sustainability Service-Learning (1)*
This course is an introduction to theories and practices in sustainability. The course explores the connections between environmental, social, and economic systems at local, regional, and global scales. This course is designated as a Service-Learning course and provides experiential learning opportunities for students through service projects with community partners.

(DE) Prerequisite/Corequisite: GEOG 206
Registration Restrictions(s): Majors in Department of Geography & Sustainability

Rationale: This new course is a 1-credit, service-learning designated course. This service-learning course is being added as a co-requisite to accompany the introductory sustainability course GEOG 206. This 1-credit hour course will allow the instructor to focus class time on service projects in a small group setting.

Impact on other academic units: None. Financial impact: None.

+DROP Course

+GEOG 206S Sustainability Reducing Our Impact on Planet Earth (3)

Rationale: GEOG 206S is being dropped to be replaced with GEOG 216S. The department still uses the based course GEOG 206 as the introductory course for the Sustainability major and minor and plans to use GEOG 216S a sustainability service-learning course for the major. There has been much confusion and difficulty for students enrolling in GEOG 206S. The course number change will help signify which course is the service-learning course and which is the base course.
ADD Course

GEOG 336: Political Ecology (3)
This course offers an analysis of environmental problems in international contexts, focusing on human processes that influence resource governance and conservation amidst a changing climate. This course builds from interdisciplinary sustainability theories and geographic scholarship on political ecology and the political economy of the environment.

Rationale: Geography currently offers a course on People and Environment focused on environmental problems from a natural science lens. This popular course has growing demand and students have also expressed interest in studying anthropogenic effects on the environment in greater detail and in an international context. This course will supplement the Sustainability program and strong focus of the GIST program in land use change.
Impact on other academic units: No conflict is seen with another unit or college and this course will be complementary with related course offerings in environmental justice and environmental policy. It is anticipated that the course could be of interest to students from other units in social and natural sciences along with students in Sustainability degree. Financial impact: Because course requires no GTA and no hire of new faculty, teaching of course absorbed within current faculty member’s teaching rotation and the departmental budget. Reallocation of faculty effort to new course supported by unit since it serves the growth in Sustainability program in department. No anticipated negative impact on unit's ability to cover other regular course offering with the anticipated arrival in 2023 of a Sustainability faculty member.

REVISE description

GEOG 334 - Meteorology (4)
Dynamic atmosphere and resulting weather events. Labs focus on the analysis of weather patterns using meteorological tools to develop and communicate a forecast.
Contact Hour Distribution: 3 hours lecture and 2 hours lab.
Recommended Background: Introductory physical geography or coursework in climatology, meteorology, or atmospheric science; and a course that satisfies the VolCore Oral Communication (OC) requirement.

Formerly: GEOG 334 - Meteorology (4)
Dynamic atmosphere and resulting weather events. Nature of individual weather elements, their measurement, and analysis over time and space.

Rationale: The description of the course is changed to more accurately reflect what is being done in class and in the lab. Recommended background of a VolCore OC course is added as this course is intended to satisfy the AOC requirement.
Impact on other academic units: None. Financial Impact: None.

Revise Title and description
GEOG 340  Economic Geography in the Modern World (3)
Concepts, theories, and changing practices and processes of economic activities in a globally interconnected and modernizing world

Formerly: Economic Geography: Core Concepts (3)
Concepts, theories, and practices in economic geography. Real and theoretical patterns in agriculture, manufacturing, and service activities

Rationale: Title and description needs to reflect the revised course contents that better capture the theories and concepts taught to the students in a modernizing world. The revised title and description emphasize the topics taught by the instructor (currently Dr. Madhuri Sharma) wherein she likens the economic concepts, theories and policies with changing socio-spatial patterns in the globalized and interconnected world at different scales -- local, regional, national and international. The new title resonates with the academic interests of the interdisciplinary students that this course attracts from including Geography, Business, Economics, Political Science, Sociology, Anthropology, Physical and Biological Sciences, Global Studies, Africana Studies, Americana Studies, etc.; it also fulfills the Vol Core (SS) requirement and is a part of global challenges and connections package.
Impact on other academic units: Will strengthen the offerings in the VolCore (SS), and will serve as an elective in Global Studies, Business, Economics, Sociology and many other interdisciplinary units as an upper level concepts course fulfilling students’ requirements. Financial impact: No impact on any department.

REVISE description:

GEOG 345 People and Environment (3)
Spatial and temporal patterns in human use and alteration of the environment. Geographical variations in human-environment interactions, management, resource use, and stewardship. In-depth study of how humans shape Earth’s environments and are shaped by them. Writing emphasis course.

Formerly: GEOG 345 People and Environment (3)
Global and local patterns of human use of the environment. Geographical variations in demographic, cultural, economic, and technological aspects of environmental stewardship. Writing-emphasis course.

Rationale: The new course description more accurately describes the course content.
Impact on other academic units: Students in many majors take this course as part of A&S Connection Packages, but the content of the course remains unchanged so it will not affect other academic units.
Financial impact: None.

ADD Course

GEOG 362 - Sustainable Development in Appalachia (3)
Political economy and sustainable development issues in Appalachia with special emphasis on economic transition and current community work.

Rationale: As our department continues to focus on sustainability, it will be beneficial to bring this course back in a way that centers local development and sustainable futures for one of the most underserved regions in the country.
Impact on other academic units: Adds additional course option to
both Geography and Sustainability course offerings. Impact on other academic units: Adds additional course option to both Geography and Sustainability course offerings. Financial impact: None.

Revise title and description

Change to GEOG 446: City and Community Sustainability Planning (3)
Sustainable city and community planning integrates social and economic goals with environmental and ecological objectives. This course introduces students to urban sustainability from the perspectives of urban political ecology and urban studies. We examine what makes cities sustainable and vibrant places to live and dimensions of public policy, community planning, and social movement organizing that influence urban environments.

Formerly: GEOG 446: The Livable City (3)
Theory and practice of urban livability. History and scope of the livable-city movement. Writing-emphasis course.

Rationale: This class is already offered, however, the current description is vague. This change tells interested students more about the material and learning outcomes for the course.
Impact on other academic units: None. Financial impact: None.

REVISE Course

GEOG 499 Practicing Geography and Sustainability (3)
Geography and sustainability as practiced today and in the past. Turning your major into a profession. Preparing for careers in geography, sustainability, and related fields. A required course for geography and sustainability majors.

Formerly: GEOG 499 Practicing Geography (4)
Geography as practiced today and in the past. Turning your major into a profession. Preparing for careers in geography and related fields. A required course for geography majors.

Rationale: The department changed names from “Department of Geography” to “Department of Geography and Sustainability” to better represent both programs. The title of the capstone course should reflect that change as well. The course used to require a separate research project but no longer does.
Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF HISTORY

(HIAS) History-Asia

ADD Course

HIAS 401 Life in Early Modern Japan (1600-1868): Society, Culture, and the Outside World (3)
Through lectures and readings, this course provides students a bird’s-eye-view of early modern Japanese society and culture.

Rationale: The new course will respond to high demand for Japan-content classes among History majors and Asian Studies majors. It also uses existing faculty expertise, with no need for new hires. The course is
designed to be flexible in content so it can be adapted as needed. At the same time the course is rigorous in its selection of assignments and offers a good stepping stone toward the capstone senior seminar (HIST 499). Impact on other academic units: None. Financial impact: None.

(HIEU) History-Europe

ADD Course

HIEU 309 Ancient and Medieval Cities (3)
This course is a survey of the social, economic and physical development of the cities of Europe, the Near East, and Africa from Antiquity to the Middle Ages; it also explores theoretical discussions of urban life and space in the premodern period.

Rationale: This course builds upon new faculty expertise and provides an important bridge between our course offerings in the ancient and medieval worlds. Impact on other academic units. Financial impact: None.
ADD Course

HIEU 310 The Byzantine Empire, 284-1453 (3)
This course surveys the history of the Byzantine Empire, from the foundation of Constantinople to the capture of the same city by Ottoman Turks in 1453. Students will study the political, economic, social, and cultural factors that effected the evolution of "Roman" identity in the Byzantine empire as its frontiers shrunk, and examine its relationships with other polities and peoples in Africa, the Near East, and Europe.

Rationale: This course builds upon new faculty expertise and continues the sequence from HIEU 305 - "History of the Later Roman Empire." Impact on other academic units: none. Financial impact: none.

DROP Course

HIEU 333 History of the Cold War (3)

Rationale: moving to HIST prefix to better reflect the global nature of the course. Impact on other academic units: None. Financial impact: None.

Revise Description

HIEU 336 Modern France(3)
1870 to present. Topics include the Dreyfus Affair, imperialism, public health, and the two world wars. Writing-emphasis course.

Formerly: HIEU 336 Modern France(3)
Topics include the French Revolution, imperialism, Dreyfus Affair, Vichy Regime, student protests of May 1968. Writing-emphasis course.

Rationale: The revised description better reflects the content of the course as it is taught by current faculty. Impact on other units: none. Financial impact: none
ADD Course

HIEU 344 History at Play: Critical Moments in Modern Europe (3)
This course explores critical moments in the history of Modern Europe through the lenses of Reacting to the Past, an active learning pedagogy designed for higher education.

Rationale: This course addition responds to growing interest among history/political science majors and undergraduates in general for active-learning experiences and game-based learning. It aims to fulfill VolCore requirements for Oral Communication and Engaged Inquiries (proposals will be submitted in August 2022). Impact on other academic units: None. Financial impact: None.

ADD Course

HIEU 420 Invisible Romans (3)
Histories of non-elite ancient Romans from ordinary women and men to slaves, freed persons, and others.

Rationale: This course aims to contribute to UT’s diversity efforts by exploring the lives of those usually ignored by standard Roman history courses. Instead of focus on the politics of emperors and elites, this course investigates the lives and livelihoods of ordinary women and men, the poor, the enslaved, freed persons, ordinary soldiers, prostitutes, athletes, and those outside the law. Impact on other academic units: None. Financial impact: None.

(HIST) History (462)

ADD Course

HIST 309: Women in the Atlantic World, 1450-1850
Students will become familiar with the histories and experiences of women from a variety of intersecting identities (of class, sexuality, religion, race, and freedom status) who lived in the Atlantic World over the course of roughly three centuries (1450-1850).

Rationale: This course builds upon faculty expertise, and also furthers the department’s diversity goals by allowing students to learn more about the identities of women, including women of color, in the period of Atlantic World colonial expansion. Impact on other academic units: None. Financial impact: None.

ADD Course

HIST 317 Honors: Selected Topics in History (3)
Content varies. Selected topics in History. Writing emphasis course.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: To meet student demand for upper-division honors course work and to avoid excessive honors-by-contract arrangements, History needs additional honors topics courses at the 300 level. Impact on other units: None. Financial impact: None.
HIST 331 History of Space (3)
This course explores the early history of space exploration and rocketry and the developments since then, with the entry of new powers – both national and private. At the same time, it examines how the history of space exploration intersects with politics and geopolitics, culture, economics, and more besides.

_Rationale:_ This course builds upon faculty expertise. _Impact on other academic units:_ None. _Financial impact:_ None.

ADD course

HIST 345 History of the Cold War (3)
Global history of the Cold War from 1945 to 1991. Tensions between superpowers and their respective allies; ideological, military, political, social, cultural, and economic dimensions; reasons for Cold War’s end. Writing-emphasis course.

_Rationale:_ formerly HIEU 333. Changing prefix to HIST
_Impact on other units:_ none. _Financial impact:_ none.

ADD Course

HIST 375 History of Global Monarchy (3)
Examines the strikingly durable tradition of royal rule and ideology from the most ancient times to the present day across world cultures.

_Rationale:_ This course builds on faculty expertise and is intended to become a Vol Core GCI course. 
_Impact on other academic units:_ None. _Financial impact:_ None.

Revise Description

HIST 399 Technology and Innovation in Modern History (3)
What are the benefits and drawbacks of automation, and how does our dependence on machines change our experience of being human? In a world where information circulates so freely, what can we do when misinformation spreads as easily as the truth? These questions may seem to belong only to the present day; in fact, people have struggled with them for centuries. This course examines the pre-digital history of information overload and automation, focusing on the period from 1700 to 1950.

Formerly: HIST 399 Technology and Innovation in Modern History (3)
This course explores how culture and politics have shaped technological development, drawing on examples from the last three centuries. Historical topics are selected to shed light on contemporary controversies about the appropriate use of technology; students will examine contemporary debates about technology use in tandem with historical cases in which similar issues were at stake.

_Rationale:_ The original description of the course was written when the class was intended to be submitted to meet the Global Challenges graduation requirement. The GC requirement did not go into effect. The revised description better reflects the content of the course as it will be taught by current faculty.
Impact on other units: none. Financial impact: none

ADD Course

HIST 427 Honors: [Topic Name]
[REQUEST VARIABLE TITLES]
Content varies. Selected topics in History. Writing emphasis course.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: To meet student demand for upper-division honors course work and to avoid excessive honors-by-contract arrangements, History needs additional honors topics courses at the 400 level.
Impact on other academic units: None. Financial impact: None

(HIUS) History-United States

ADD Course

HIUS 303: History of Capitalism in America and Beyond (3)
This course provides a broad introduction to the interconnected history of the U.S. and capitalism and offers a unique way to think about the relationship of America to the world. Capitalism is an economic system rooted in the private ownership of capital and the sale of labor in the marketplace, but it is also a much broader system of ideals, institutions, and social organization—and it has changed dramatically over time. Our task is to figure out what precisely capitalism is and how it has developed across time and space, and to understand how this development has shaped and been shaped by U.S. history, from the colonial period to the present. Along the way, we will use the study of capitalism as a framework for integrating American economic history with the connected histories of labor, business, politics, culture, and diplomacy. Students of all majors and career goals are encouraged to take the course and to bring their unique skills and interests to bear on the course material.

Rationale: This course covers a significant aspect of US History that previously lacked a designated class in our curriculum. It also covers the findings of a subfield, the history of capitalism, that has been a particularly dynamic research field over the last 20 years. Impact on other academic units: None. Financial impact: None.

ADD Course

HIUS 371 Medicine and Health in America (3)
From the early colonial period to the present, American medicine has been full of tensions between the comforts of traditional practices (whether Old World or New World) and the tantalizing promises of new discoveries and reform, both personal and social, through health. We will explore these tensions through intensive reading and discussion, along with an opportunity for students to pursue individual readings of particular interest to them.

Rationale: This course adds to the course options available for our History Concentration and Minor in the History of Science, Medicine, and Technology. We believe it will also appeal as an elective for students preparing careers in the health sciences. Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF MATHEMATICS
ADD Course

Math 420 - Graph Theory (3)

Course Description: Introduction to topics in graph theory, such as Hamiltonian cycles, Euler tours, connected graphs, matchings, coverings, planar graphs and graph colorings.

(RE) Prerequisite: Math 300 or Math 307 or Cosc 311

Rationale: This course was taught twice as a topics course on a trial basis, and it was well-received by students, attracting students from computer science as well as math. Adding this course enhances the options that we offer to math majors and minors. We also plan to apply for the Engaged Inquiries (EI) designation for this course. Impact on other academic units: None. Financial impact: None.

Revise description

MATH 421 Combinatorics (3)
Topics may include basic principles of enumerative combinatorics, partitions, recurrence relations, generating functions, and introduction to graphs.

Formerly:
MATH 421 Combinatorics (3)
Introduction to problems of construction and enumeration for discrete structures, such as sequences, partitions, graphs, finite fields and geometries, and experimental designs.

Rationale: The new description more accurately describes what is taught in the course.

DEPARTMENT OF WORLD LANGUAGES AND CULTURES
FORMERLY MODERN FOREIGN LANGUAGES AND LITERATURES

(Arab) Arabic (127)

Add course

ARAB 200 - Everything You Wanted to Know about the Arab World (3)
This course will introduce students to various aspects of the cultures and societies of the Arab world, including history, language, customs, food, business, and art. Conducted in English.

Rationale: We want to add a new course in English aimed at freshmen and sophomores that will introduce them to the cultures and societies of the Arab world. We have found that our students crave more cultural education about the region and hope that this will meet that need and introduce new students to our program. We also plan to submit this to VolCore.
Add course

**ARAB 215 Human Rights in the Middle East (3)**
This course will introduce students to the landscape of human rights in the Middle East by examining a wide range of relevant topics, such as refugees and migration, women’s rights, and citizenship status. Conducted in English.

Rationale: We want to add new courses in English aimed at freshmen and sophomores that will introduce them to various aspects of the Arab world. The issue of human rights is one that is of great interest to our students, and which several of our faculty are qualified to teach. We also plan to submit this to VolCore.
Impact on other units: none. Financial impact: none

**CHIN) Chinese (249)**

Add course

**CHIN 300 A Kaleidoscope of China (3)**
This course introduces students to various aspects of contemporary Chinese society to enhance students' understanding of Chinese culture and people. Through the use of authentic materials, students will also develop a stronger linguistic command of modern Chinese. This course is conducted in Chinese.
Repeatability: May be repeated if the content differs. Maximum 6 hours.
Prerequisite: CHIN 132.

Rationale: This online course is designed to help students gain a deeper understanding of Chinese society and strengthen their Chinese language skills. It will also help prepare students to transition from lower-level to higher-level Chinese classes.
Impact on other units: none. Financial impact: none

**(ASST) Asian Studies (145)**

Move all ASST courses to the Department of World Languages and Cultures

+ASST 161 - Elementary Persian I (3)
+ASST 162 - Elementary Persian II (3)
+ASST 261 - Intermediate Persian I (3)
+ASST 262 - Intermediate Persian II (3)
+ASST 301 - South Asian Cinema: Bollywood and Beyond
+ASST 332 - Introduction to Islam
+ASST 339 - Islam in the Modern World
+ASST 374 - Emerging Landscapes of East Asia
ASST 471 - Selected Topics in Asian Studies (3)
ASST 491 - Foreign Study (1-5)
ASST 492 - Off-Campus Study (1-5)
ASST 493 - Independent Study (1-5)
Rationale: Asian Studies is moving from an IDP to a concentration under Modern Foreign Languages and Literatures, BA. Impact on other units: most courses are secondary cross-listed courses. Financial impact: none

(FREN) FRENCH (405)

REVISE prerequisites

FREN 112 - Elementary French II (3)
(RE) Prerequisite(s): FREN 111 with grade of C or better or departmental placement exam.

Formerly: FREN 112 - Elementary French II (3)
(RE) Prerequisite(s): FREN 111 with grade of C or better or placement score between 200 and 249.

Rationale: The exam or exam score cut offs may be changed in the future; including the scores is unnecessary. Impact on other academic units: None. Financial impact: None.

REVISE prerequisites

FREN 211 - Intermediate French I (3)
(RE) Prerequisite(s): FREN 112 or FREN 123 or FREN 150 with grade of C or better or departmental placement exam.

Formerly: FREN 211 - Intermediate French I (3)
(RE) Prerequisite(s): FREN 112 or FREN 123 or FREN 150 with grade of C or better or placement score between 250 and 299.

Rationale: The exam or exam score cut offs may be changed in the future; including the scores is unnecessary. Impact on other academic units: None. Financial impact: None.

REVISE prerequisites

FREN 223 - Intensive Intermediate French (3)
(RE) Prerequisite(s): FREN 112 or FREN 123 or FREN 150 with grade of C or better or departmental placement exam.

Formerly: FREN 223 - Intensive Intermediate French (3)
(RE) Prerequisite(s): FREN 112 or FREN 123 or FREN 150 with grade of C or better or placement score between 250 and 299.

Rationale: The exam or exam score cut offs may be changed in the future; including the scores is unnecessary. Impact on other academic units: None. Financial impact: None.

REVISE Prerequisites

FREN 212 - Intermediate French II (3)
(RE) Prerequisite(s): FREN 211 or FREN 213 or departmental placement exam.
Comment(s): Students who place in 200-level courses from high school will receive 6 hours of elementary French credit.

Formerly: Intermediate French II (3)
(RE) Prerequisite(s): FREN 211 or placement score between 375 and 449.

Rationale: French is adding new intermediate courses for students interested in using French for Business Purposes, FREN 213 and FREN 214; some students will not be able to schedule the follow-up course to FREN 213 (FREN 214) and will need to complete their sequence with FREN 212 instead. The exam or exam score cut offs may be changed in the future; including the scores is unnecessary. Impact on other academic units: None. Financial impact: None.

ADD Course

French 213 Intermediate French I with Business Emphasis (3)
Topics include business culture, tourism, fashion, retail, hospitality, advertising, marketing, and professional communication.
Satisfies General Education Requirement through the 2021-2022 academic catalog: (CC)
(RE) Prerequisite(s): FREN 112 or FREN 123 or FREN 150 with grade of C or departmental placement exam.
Comment(s): Students who place in 200-level courses from high school will receive 6 hours of elementary French credit.

Rationale: French is adding two new intermediate courses for students interested in using French for Business purposes (FREN 213 and 214), to meet student interest and also satisfy language requirements. Impact on other academic units: Satisfies language requirement. Financial impact: None.

ADD Course

French 214 Intermediate French II with Business Emphasis (3)
Topics include business culture, tourism, fashion, retail, hospitality, advertising, marketing, and professional communication.
Satisfies Volunteer Core Requirement: (GCI)
Satisfies General Education Requirement through the 2021-2022 academic catalog: (CC)
(RE) Prerequisite(s): FREN 211 or FREN 213 or departmental placement exam.
Comment(s): Students who place in 200-level courses from high school will receive 6 hours of elementary French credit.

Rationale: French is adding two new intermediate courses for students interested in using French for Business purposes (FREN 213 and 214), to meet student interest and also satisfy language requirements. Impact on other academic units: Satisfies language requirement. Financial impact: None.

ADD Course

French 216 Intermediate French II with Health and Humanitarian Emphasis (3)
Topics include providing vocabulary to discuss world health issues, discussing past and current humanitarian aid situations, and discovering current relevant global issues such as water access, women's rights, and climate change.
Satisfies Volunteer Core Requirement: (GCI)
Satisfies General Education Requirement through the 2021-2022 academic catalog: (CC)
(RE) Prerequisite(s): FREN 211 or FREN 213 or departmental placement exam.
Comment(s): Students who place in 200-level courses from high school will receive 6 hours of elementary French credit.

Rationale: French is adding this new intermediate course for students interested in using French for health and humanitarian purposes, to meet student interest and also satisfy language requirements. Impact on other academic units: satisfies language requirement. Financial impact: None.

Revise Prerequisite

FREN 333 Intermediate Composition and Grammar
(RE) Prerequisite(s): FREN 212* or FREN 216 or FREN 218* or FREN 223* or placement score higher than 500.

Formerly: FREN 333 Intermediate Composition and Grammar
(RE) Prerequisite(s): FREN 212* or FREN 218* or FREN 223* or placement score higher than 500.

Rationale: French has added new intermediate courses 214; 216 that are similar in content to FREN 212, with a focus on French for Business purposes and French for Health and Humanitarian purposes. Impact on other units: none. Financial impact: none.

ADD Course

MFLL 410 - Black European Identities and Narratives in Afro-European Literature, Media, Music and Art: [region name] (3)
[REQUEST VARIABLE TITLES]
This cross-disciplinary course explores issues of race, identity and citizenship in colonial and post-colonial Europe drawing from Sociology, Geography, Mediterranean Studies, Diaspora Studies, Post-Colonialism, Anthropology, Art, History, Critical Race Theory, Gender Studies, Music and Media and Cultural Studies.
Prerequisites: ENGL 102, ENGL 118, ENGL 132, ENGL 290, or ENGL 298
Repeatability: May be repeated if content differs, maximum 6 hours.
Comments: Taught in English.

Rationale: This new course aims to provide students with the essential understanding of a complex and multi-layered depiction of contemporary multicultural and multiracial Europe. It also explores its social and cultural changes, where the African community is becoming larger and better represented. In addition, students will learn that, in the shadow of Europe's colonialist heritage, phenomena of mass migration challenge, complicate, and develop the notion of 'Europeanness' and undermine the fixity of an European identity in favor of multicultural and transnational identities. This course will be taught with specific topics in each language section, as "Black Italy," "Black Germany," "Black France," "Black Spain," “Black Portugal,” and so on. Impact on other academic units: None. Financial impact: None.

(RUSS) Russian (886)

Add Course
RUSS 352: Ukrainian-Russian Culture and Conflict (3)
This course examines critical cultural artifacts that demonstrate the thousand-year interface of Ukrainian and Russian cultures, and their diversification into two distinct entities in recent centuries. While sharing much heritage in common, the two cultures also have a long history of antagonism, reflected especially in literary works dating to the nineteenth century. As a nation that spans both cultural heritages, Ukraine is a fascinating example of a borderland national identity coming fully into its own; this emergent identity has been perceived as a threat by more traditional and hegemonic Russian authorities. The course follows these themes across many cultural manifestations in literature, film, and visual arts. Conducted in English.

Rationale: Ukraine is at the center of the first major European war since WWII; the Moscow-Kiev conflict has been brewing for at least 800 years. This course will help students understand the cultural factors driving the conflict, which is not likely to end soon.
Impact on other units: none. Financial impact: none

(Spanish) Spanish (924)
SPAN 350 - Spanish for Medical & Healthcare Professions (3)
This is a language for special purposes course that offers a practical approach to meet the ever-increasing needs of medical and other healthcare professions to serve the Hispanic population in the USA and abroad. It will provide the students with a solid foundation in the vocabulary and discourse used in Spanish, as well as cross-cultural awareness when dealing with different types of medical and healthcare scenarios.
Prerequisite- SPAN 312, or SPAN 309

Rationale: There is an ever-increasing need of medical and other healthcare professions to serve the Hispanic population in the USA and abroad properly and accurately. Our campus does not currently offer such a class. The class will serve nursing and pre-med students as well as students interested in public health, nutrition, physical therapy, etc.
Impact on other units: none. Financial impact: none

DEPARTMENT OF MICROBIOLOGY

(Microbiology) Microbiology (684)

+REVISE prerequisites and add cross listing

+MICR 479: Advanced Techniques in Nucleic Acid Sequencing (3)
(Re) Prerequisite(s): Biology 220, Biology 229, and 240 or permission of instructor
(Same as EEB 479)

Formerly: MICR 479: Advanced Techniques in Nucleic Acid Sequencing (3)
(Re) Prerequisite(s): Biology 220, Biology 229, and 240.

Rationale: MICR 479 focuses on bacterial amplicon high throughput sequencing to analyze the microbiota. Students will extract DNA from the samples, amplify 16S rRNA bacterial regions, and prepare libraries for sequencing on the Illumina MiSeq platform. Students will learn how to analyze and interpret
the results. MICR 479 will serve well for all students in the Biology Division. Impact on other academic units: Adding cross list with EEB. MICR is primary. Financial impact: None.

SCHOOL OF MUSIC

(MUCO) Musicology (706)

ADD Course

MU CO 421 Music of Bali, Indonesia Var credit, 2-3.
Introduces musics of Bali, Indonesia, situating them within local discourses, the Western imagination, and transnational flows. Explores political implications of music making and its theorization, as well as performance techniques and composition. May include seminar discussion, writing components, hands-on instruction.
Recommended: co-enrollment in MUEN 312/512.

Rationale: This course is currently given under a MUSC special topic number. It is not visible to students in the catalog and it is difficult to find in the timetable. As a musicology course, it should have a musicology number. Also, we aim to make this course an option toward a proposed Music Minor (Interdisciplinary Studies in Music & Asia); it needs its own number so it can be tracked in DARS. Impact on other academic units: None. Financial impact: None.

ADD Course

MU CO 423 Musics of Latin America (3)
Explores diverse, vibrant musical traditions of Latin America, and how cultural, historical, and political developments inform and are informed by musical practices. Histories and theories of colonialism, race and ethnicity, urbanization/modernization, and sexuality provide modes of understanding meanings of these musics.

Rationale: This course is currently given under a special topics number that is used for other subjects. Giving this course its own number will make the class more evident to students in the timetable and the catalog. Further, we would like to make this course an option toward a proposed Music Minor in Latin American Musics and Cultures; the course therefore needs its own number so that the requirements for the minor can be tracked in DARS. Impact on other academic units: None. Financial Impact: None.

(MUEN) Music Ensemble (708)

REVISE description, repeatability, remove comment

MUEN 311 Afro-Diasporic Percussion Ensemble (1)
Afro-diasporic percussion traditions, including West African, Afro-Cuban, Afro-Caribbean, and/or Afro-Brazilian. May also include singing and movement.
Repeatability: May be repeated. Maximum 10 hours.

Formerly: MUEN 311 Marimba Choir (1)
Repeatability: May be repeated. Maximum 14 hours.
Comment(s): Audition or consent of instructor required.
Rationale: Current title is inaccurate. This course includes a variety of Afro-Diasporic forms and practices as the new title and description indicate. Further, this course is open to all students, and we particularly aim to require it for students in the proposed minor in Interdisciplinary Studies in Music & the African Diaspora. Therefore, we are dropping the audition requirements. Impact on other academic units: None. Financial impact: None.

ADD Course

MUEN 322 Gospel Choir (1)
A mixed-voice ensemble rehearsing and performing selections from gospel traditions. This course introduces students to techniques of performance of choral literature from this genre. Students will develop skills specifically germane to vocal gospel music production. No previous knowledge of the gospel genre expected.
Repeatability: May be repeated
Maximum 8 hours

Rationale: New ensemble to provide opportunities to learn about and perform gospel music. Impact on other academic units: None. Financial impact: None.

ADD Course

MUEN 323 Appalachian String Band Ensemble (1)
Ensemble performance of bluegrass, old-time, early country, and Americana musics. Students will perform on their own string instrument (guitar, banjo, mandolin, fiddle/violin, dobro, upright bass, viola, cello, electric bass, or other), or on voice. Audition required.
Repeatability: May be repeated
Maximum 8 hours

Rationale: This new course is currently being offered under a general chamber music number. It is not visible in the catalog, and difficult to locate in the timetable. This will make the course more evident to the students. Further, we would like to make this course a requirement toward the proposed Music Minor in Interdisciplinary Studies in Music & Appalachia. The course thus needs its own number so that the requirements for the minor can be tracked in DARS.

(MUKB) Music Keyboard (712)

ADD Course

MUKB 100 Fundamentals of Class Piano (0)
Half-semester course for students with little to no background in piano.
Repeatability: no (RE) Co-requisite(s): MUTH 100
Grading restriction: S/NC

Rationale: This class is designed for students who have very little or no prior experience in piano. The course will allow students to develop familiarity with the five-finger position, basic keyboard harmony, reading grand staff, and performing pieces involving use of both hands simultaneously, within a limited
The class will benefit our students who are required to take Class Piano sequence courses. Impact on other academic units: None. Financial impact: None.

(MUSC) Music General (698)

+ADD Course

+MUSC 314 The Evolution of Gospel Music (3)
Traces the roots of Gospel music from 18th century English hymnody up through the blues to contemporary popular music.
Repeatability: no (RE) Prerequisite(s): none
(Same as with REST 314 and AFST 314)

Rationale: This course traces the origins of Gospel music from psalm, hymns, early American choral music, and its modifications through Spirituals, the Blues, and contemporary popular music. The highly-personalized course is taught through the experiences and vast knowledge of the instructors, offering students a historical and performative approach in understanding this music. Impact on other academic units: MUSC is primary. Financial impact: None.

(MUTC) Music Technology (717)

ADD Course

MUTC 335 Interactive Game Audio (3)
Project-based course in building audio files and music for gaming with a focus on varying technologies and practices. Real-world experience in working with digital audio workstations, sound editing software, and authoring software that centralize all aspects of audio creation for interactive game music. Experience with digital audio workstations suggested.
Repeatability: once (RE) Prerequisite(s): MUTH 100, MUTH 110, or MUTH 115

Rationale: Experiential course that teaches students how to analyze and create audio and music for video games. The course is long overdue in the School of Music, as gaming revenue now outpaces that of other popular media such as film and music. In 2020, video game revenue surged 20% to $180 billion, more than the film and sports industries combined. Impact on other academic units: None: Financial impact: None.

(MUTH) Music Theory (714)

REVISE prerequisites

MUTH 451 Special Topics in Music Theory (3)
(RE) Prerequisite(s): MUTH 210.

Formerly: 451 Special Topics in Music Theory (3)
(RE) Prerequisite(s): MUTH 310.
Rationale: The pre-requisite course MUTH 310 is no longer offered, and MUTH 210 is perfectly acceptable for the variable topics in MUTH 451. Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF PHILOSOPHY

(PHIL) Philosophy (745)

ADD Course

PHIL 383 Philosophy of Disability (3)
Philosophical exploration of disability and its connections to autonomy, dependency, wellbeing, justice, respect, and ableism. Topics may include prenatal testing, assisted dying, eugenics, provisioning accommodations, education, legal interpretations of disability, and intersectional connections.
Satisfies General Education Requirement: (GCUS)(WC)
(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.
Rationale: Over the past three decades, philosophers have increasingly come to realize that issues of disability are of central importance to our understanding of ourselves, one another, and our shared social practices. The aims of the course are to introduce students to the main conceptual and ethical issues in disability and to advance the discussion of those issues. It has been taught as a Special Topics course four times with great success. It will enhance our concentrations in Philosophy of Science and Medicine and in Legal and Political Philosophy as one among several courses students can choose to take. Disability is a central topic in and challenge to medicine and medicalization. Disability is also a central topic in political philosophy and law (e.g., legal definitions of disability, justice for people with disabilities, provisioning accommodations, etc.). Impact on other academic units: This course will complement a handful of other courses offered at UTK that discuss disability issues (e.g., ASL 421 - History and Culture of the Deaf, SPED courses, and a few courses in CMST and PSYC) by encouraging philosophical inquiry into issues of disability. Financial Impact: None.

ADD Course

PHIL 499 Philosophical Proficiency: (0)
This course provides an opportunity for philosophy majors to demonstrate proficiency in philosophy.
Grading Restriction: Satisfactory/No Credit grading only.
Repeatability: May be repeated. Maximum 3 times.
Registration Restriction: Bachelor of Arts - philosophy major; minimum student level – senior.
Rationale: Following the lead of other departments in the College, we propose to add PHIL499 - Philosophical Proficiency as a 0 credit, pass/fail course for our senior majors and to make it a requirement for the Philosophy Major (including our six concentrations). Our programmatic assessment efforts depend on participation from our senior majors in our Major Field Test, the California Critical Thinking Skills Test, and submitting work from other 400 level philosophy courses. We also want to provide graduating students with general feedback about their philosophical proficiency. Adding this course and making it a major requirement will help us achieve both goals.
Impact on other units: none. Financial Impact: none

DEPARTMENT OF PHYSICS AND ASTRONOMY
(PHYS) Physics (773)

REVISE prerequisites

PHYS 252 Fundamentals of Physics: Quantum Physics and Applications (4)
PHYS 231 or Phys 232 or PHYS 251 with a C or better and MATH 142* with a C or better.

Formerly: PHYS 252 Fundamentals of Physics: Quantum Physics and Applications (4)
(RE) Prerequisite(s): PHYS 232* or PHYS 251 with a C or better and MATH 142* with a C or better.

Rationale: We meant to include Phys 231 as an alternate prerequisite when adding the class and it was a mistake that we didn’t. This allows nuclear engineers to take Phys 252 without taking more classes than they had to before our curriculum overhaul. Impact on other academic units: None. Financial Impact: None.

REVISE title and description

PHYS 293 Introduction to Research and Independent Study (1-3)
Introduction to research research and study in a field of particular interest with faculty guidance.

Formerly: Phys 293 Introduction to Research (1-3)
Introduction to research in a field of particular interest, with faculty guidance.
Rationale: We have been using this as a lower division independent study class when, for instance, students transferred in a 200-level lecture without a lab and just need to complete the lab. This would change the title to match the way we use the class. Impact on other academic units: None. Financial impact: None.

REVISE prerequisites

PHYS 411 Introduction to Quantum Mechanics I (3)
PHYS 250* or PHYS 252 with a C or better and PHYS 201 or MATH 241 with a C or better and Phys 311 or 431 with a C or better

Formerly: PHYS 411 Introduction to Quantum Mechanics I (3)
(RE) Prerequisite(s): PHYS 250* or PHYS 252 with a C or better; and PHYS 201 or MATH 241 with a C or better.

Rationale: Our three hardest classes are Phys 311, 411, and 431. Almost all students who take these three classes simultaneously fail at least one of them, delaying their graduation. This is the lowest impact way to prevent students from signing up for these three classes simultaneously. Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF PSYCHOLOGY

(NEUR) Neuroscience

+Add cross listed course
+NEUR 301 - Foundations of Behavioral Neuroscience (3)
(See PSYC 301)

Rationale: PSYC 301 is a required course for Neuroscience, but not Psychology majors. Cross listing it with a NEUR prefix would uniquely identify it for the Neuroscience major and minor. It would also be used when calculating the science GPA for those applying to medical school. Impact on other academic units: PSYC 301 is a required course for Neuroscience, but not Psychology majors. Cross listing it with a NEUR prefix would uniquely identify it for the Neuroscience major and minor. It would also be used when calculating the science GPA for those applying to medical school. Financial impact: None.

ADD Course

NEUR 482 - Advanced Topics in Neuroscience (3)
Intensive analysis of special topics in the areas of neuroscience.
Repeatability: May be repeated. Maximum 12 hours.
Credit Restriction: Maximum 6 hours may be applied toward the major or the minor in neuroscience.
Recommended Background: Senior standing in neuroscience

Rationale: To be used for future one-time offerings or trials for new courses. Impact on other academic units: None. Financial impact: None.

(PSYC) Psychology (830)

+ADD Crosslist

+PSYC 301 - Foundations of Behavioral Neuroscience (3)
(Same as NEUR 301).

Rationale: PSYC 301 is a required course for Neuroscience, but not Psychology majors. Cross listing it with a NEUR prefix would uniquely identify it for the Neuroscience major and minor. It would also be used when calculating the science GPA for those applying to medical school. Impact on other units: cross-listed with NEUR. PSYC is primary. Financial impact: none.

DEPARTMENT OF RELIGIOUS STUDIES

(REST) Religious Studies (863)

+ADD new cross-listed course

+REST 314 The Evolution of Gospel Music (3)
Same as MUSC 314

Rationale: This course traces the origins of Gospel music from psalms, hymns, early American choral music, and its modifications through Spirituals, the Blues, and contemporary popular music. The course is taught through the experiences and vast knowledge of the instructors, offering students a historical and performative approach in understanding this religious music. Impact on other academic units: cross listed with MUSC 314. MUSC is primary. Financial impact: None.
ADD Course

REST 3xx Religion, Nature, and Ethics (3)
An investigation of the efforts of religious communities in addressing environmental issues around the world with special emphasis on themes of environmental justice.

Rationale: The study of religions and environmental issues is a growing field within religious studies, and similar courses are frequently offered at peer, aspirational peer and elite universities across the country. This course will provide an avenue for engaged work among religious studies majors and others, contributing to the department’s established emphasis on non-profit leadership and applied issues. The course will also help forge more interdisciplinary connections with other departments and academic units across campus. Impact on other academic units: None. Financial impact: None.

REVISE title and description

REST 336 - Literatures of Islam (3)
Focuses on expressions of religious devotion, transformation, and critique in the literatures of the Muslim world, as well as on the relationship between Islam, literature, and the written word in different temporal and geographical contexts. Topics may include: pilgrimage and migration, autobiography, theology, hagiography, conversion narratives, Sufi poetry and prose, post-colonial literature and Islam, gender, coming-of-age stories, Islam in the West

Formerly: REST 336 - The Qur’an and the Literatures of Islam (3)
Focuses on expressions of religious devotion, transformation, and critique in the literatures of the Muslim world, as well as on the relationship between Islam, literature, and the written word in different temporal and geographical contexts. Topics may include: pilgrimage and migration, autobiography, theology, hagiography, conversion narratives, Sufi poetry and prose, post-colonial literature and Islam, gender, coming-of-age stories, Islam in the West.

Rationale: Name change in order to better reflect course content. Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF SOCIOLOGY

(SOCI) Sociology (915)

+ADD Course and request variable title

SOCI 395 Political Economy of Regions and Peoples of the World: [region name] (3)
Examines questions of political economy in specific regions of the world. Specific topics in relation to the peoples of the region may include historical and contemporary manifestations of power, conflict, inequality, colonialism, development, postcolonialism, environmental degradation, migration, social movements, and transnationalism.
(Same as GLBS 395)
Repeatability: May be repeated (with different instructors and regions). Maximum 6 hours.
Rationale: Faculty in the political economy (PE) area of Sociology have expertise in various regions and peoples of the world, but our course listings are organized thematically (e.g., SOCI 342 Globalization and Justice; SOCI 344 Political Sociology; SOCI 442 Comparative Poverty and Development; SOCI 446 The Modern World-System; SOCI 460 Capitalism and Racism; SOCI 464 Political Economy of Natural Resources and the Environment). Students in Sociology and also in the interdisciplinary major of Global Studies (administered by Sociology) are interested in and would benefit from courses that are more focused on particular regions and instructed from a sociological and political economy lens. In fact, Global Studies majors are required to take two regional courses. We believe that such regional courses would also complement those that are currently offered in Anthropology, Geography, and Political Science. This course will be offered every 2 semesters and rotate among our faculty. It will be designated with a sub-title indicating the regional focus (e.g. Political Economy of Regions and Peoples of the World: Southeast Asia). Impact on other academic units: Crosslisted with GLBS. SOCI is primary. Complementary to offerings in Anthropology, Geography, and Political Science. Anthro has courses on South Asia; Geography has courses on Asia and Latin America; and Political Science has courses on Africa, Asia, and Latin America. They each offer particular disciplinary perspectives on the regions. We will coordinate with these departments to avoid conflicts and overlap (e.g. too many courses on Asia in 1 semester). Financial Impact: None.

+Add cross list

+SOCI 492 Off Campus Study (1-15)
(Same as GLBS 492)

Rationale: For the last 2 years and into the foreseeable future this course is being taught regularly by faculty in Sociology but with internships tailored to students sociological (for SOC majors and minors) or global interests (for GLBS majors and minors). We don’t have staff in GLBS to offer a separate section. By crosslisting, Global Studies students will be able to take the class under the GLBS number. Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF THEATRE

(THEA) Theatre( 976)

+Add cross listing

THEA 230 The Black Experience in Theatre Performance (3)
(See AFST 230)

Rationale: The topic of this course would be a great addition to students in Africana Studies. Impact on other academic units: Cross listed with AFST 230. THEA is primary. Financial impact: None.

Drop

THEA 242 Fundamentals of Costume Design and Technology (3)

Rationale: This course is being replaced by THEA 245
Impact on other units: none. Financial impact: none
Add

THEA 245 Introduction to Design and Production: Costumes and Scenery (3)
Overview of theatrical design, technology, and the design process. Hands-on and lab-intensive with required participation on a Clarence Brown Theatre production run crew.

Rationale: To be in-line with NAST theatre programs, and to have a more inclusive BA curriculum, We are consolidating 3 introductory design/technology courses into 2 overview courses which includes all design elements of theatre practice. Currently, students choose 2 of 3 design areas, meaning they can possibly graduate without ever learning about some design elements/fields.
Impact on other units: none. Financial impact: none

Drop

THEA 252 Fundamentals of Scene Design and Technology (3)
Rationale: This course is being replaced by THEA 245
Impact on other units: none. Financial impact: None.

Drop

THEA 262 Fundamentals of Lighting Design and Technology (3)
Rationale: This course is being replaced by THEA 245
Impact on other units: none. Financial impact: none

Add

THEA 265 Introduction to Design and Production: Lighting, Sound, and Media (3)
Overview of theatrical design, technology, and the design process. Hands-on and lab-intensive with required participation on a Clarence Brown Theatre production run crew.

Rationale: To be in-line with NAST theatre programs, and to have a more inclusive BA curriculum, We are consolidating 3 introductory design/technology courses into 2 overview courses which includes all design elements of theatre practice. Currently, students choose 2 of 3 design areas, meaning they can possibly graduate without ever learning about some design elements/fields.
Impact on other units: none. Financial impact: none

Course equivalency table

<table>
<thead>
<tr>
<th>Old course</th>
<th>New course</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 242, 252</td>
<td>THEA 245</td>
</tr>
<tr>
<td>THEA 262</td>
<td>THEA 265</td>
</tr>
</tbody>
</table>

Revise Prerequisites
THEA 330 Stage Management (3)
(RE) Prerequisite(s): THEA 245 or THEA 265 or Instructor Permission.

Formerly: THEA 330 Stage Management (3)
(RE) Prerequisite(s): THEA 252 and THEA 242 or THEA 262*

Rationale: The dropped prerequisite courses are being replaced by the equivalent added courses. Impact on other units: none. Financial impact: none.

Revise prerequisite

THEA 340 Costume Design I (3)
(RE) Prerequisite(s): THEA 245 or Instructor Permission.

Formerly: THEA 340 Costume Design I (3)
None

Rationale: The dropped prerequisite courses are being replaced by the equivalent added courses. Impact on other units: none. Financial impact: none.

Revise prerequisite

THEA 345 Costume Construction (3)
(RE) Prerequisite(s): THEA 245 or Instructor Permission.

Formerly: THEA 345 Costume Construction (3)
(RE) Prerequisite(s): THEA 242.

Rationale: The dropped prerequisite courses are being replaced by the equivalent added courses. Impact on other units: none. Financial impact: none.

Revise prerequisite

THEA 355 Scenic Design I (3)
(RE) Prerequisite(s): THEA 245 or Instructor Permission.

Formerly: THEA 355 Scenic Design I (3)
None

Rationale: The dropped prerequisite courses are being replaced by the equivalent added courses. Impact on other units: none. Financial impact: none.

Revise prerequisite

THEA 362 Lighting Design I (3)
(RE) Prerequisite(s): THEA 265 or Instructor Permission.

Formerly: THEA 362 Lighting Design I (3)
None

Rationale: The dropped prerequisite courses are being replaced by the equivalent added courses. Impact on other units: none. Financial impact: none

Revise Prerequisite and title

THEA 373 Sound Design 1 (3)
(RE) Prerequisite(s): THEA 265 or Instructor Permission.

Formerly: THEA 373 Introduction to sound design
None

Rationale: To have consistency across all upper division design courses. Impact on other units: none. Financial impact: none

Revise prerequisite

THEA 446 Costume Patterning (3)
(RE) Prerequisite(s): THEA 245 or Instructor Permission.

Formerly: THEA 446 Costume Patterning (3)
None

Rationale: The dropped prerequisite courses are being replaced by the equivalent added courses. Impact on other units: none. Financial impact: none

Add

THEA 455 Scene Painting (3)
Techniques in painting theatrical backdrops, scenery units, and floor treatments.

Rationale: This course is regularly taught, every other year, as a special topics course. Impact on other units: none. Financial impact: none

Revise prerequisite

THEA 475 Projection and Media Design
(RE) Prerequisite(s): THEA 265 or Instructor Permission.

Formerly: THEA 475 Projection and Media Design
None

Rationale: To have consistency across all upper division design courses. Impact on other units: none. Financial impact: none