

Integrated Curriculum Committee Consent Calendar
December 13, 2022

[Business Administration, Economics Concentration, B.S. - Change Concentration/Emphasis Requirements - 22-1853](#). ECON 490 (Capstone) is increasing in units from 2 units to 3 units, because Economics is using this course for the GVAR and it needs to be a 3-unit course. Consequently, the number of units in the Economics Concentration is increasing from 22 to 23 units.

Replacement of BA 332 with BA 422 (overlooked when change was made in the Business Administration, BA program and the Bus Admin/Finance Concentration in 2020).

[Economics, B.A. - Change Core Requirements - 22-1852](#). Increase ECON 490 Capstone Experience from 2-3 units in support of GVAR guidelines and external reviewer. The number of units in our Core is increasing from 40-42 to 41-43 and units in our Major are increasing from 52-60 to 53-61.

[ENGL - 110 - 22-1735 - Course Change - Academic Literacies Support and Seminar](#). Change the C-classification from a laboratory classification (C13) to a seminar classification (C5) and increase student credits units from 1 to 2 (WTU increase from 1.3 to 2 is offset by the removal of ENGL 215). Course description update.

Current course description: Individualized and small group support and instruction for students concurrently enrolled in any of the following courses.

Proposed course description: Offers support and seminar discussion for students who are concurrently enrolled in courses in the composition and rhetoric program: ENGL 102, 103, or 104. Explore critical reading strategies and apply these strategies to make visible connections between reading and writing. Designed to support the development of students' reader, writer, and researcher identity through the development of knowledge, strategies, and dispositions you need to be a scholarly - or powerful - reader, writer, and scholar.

[ENGL 215 - 22-1806 - Course Suspension - Information Literacy and Writers Seminar](#). Indefinite suspension of ENGL 215. Going forward, the curricular need for this course will be met with new course ENGL 304 (a writing and information literacy course available to all majors and that fulfills GVAR).

[ENGR - 215 - 22-1811 - Course Change - Introduction to Design](#). Change ENGR 215 course number to ENGR 205 to align its number with the newly approved GE A1 designation. This change is being proposed to keep all undergraduate engineering programs at 120 units. There is also a modification to the prerequisite and course description. The prerequisite will now restrict the course to all engineering majors (not just ERE).

Current Course Description: Engineering design process, including critical analysis of problems, teamwork, Internet, word processing, spreadsheets, computer-aided drawing. Engineering design applications.

Proposed Course Description: Engineering design process through real client-based projects iterating from opportunity identification, empathy building and research through to creative problem solving, analysis and testing. Special emphasis on communication, teamwork, and time management as well as tools such as spreadsheets, word documents, and computer-aided design.

[ENGR - 536 - 22-1784 - New Course - Solid Waste Engineering](#). This 3-unit course is co-listed with ENGR 436 with additional assignments and expectations for graduate credit. It increases course options for MS students while requiring no additional resources needs.

Course description: "Nature and scope of solid waste problem. Collection, disposal, and recycle technology. Management alternatives considering social, economic, and technical constraints, including resource recovery. Engineering design applications."

[ENGR - 551 - 22-1878 - Course Deletion - Water and Wastewater Treatment Engineering](#). The ENGR 551 course is being deleted and replaced by the newly proposed ENGR 553. ENGR 551 was a 4-unit course that included both water and wastewater treatment. ENGR 553 is a 3-unit course that includes only wastewater treatment design. A different course set ENGR 452/552 covers drinking water treatment design.

[ENGR - 552 - 22-1785 - New Course - Drinking Water Treatment Engineering](#). This 3-unit course is co-listed with ENGR 452 with additional assignments and expectations for graduate credit. It increases course options for MS students with no additional resources needs.

Course description: "Drinking water treatment systems: physico-chemical processes, reactor kinetics, applications to the design of specific water treatment operations. Engineering design applications."

[ENGR - 553 - 22-1786 - New Course - Wastewater Treatment Engineering](#). This 3-unit course is co-listed with ENGR 453 with additional assignments and expectations for graduate credit. It increases course options for MS students while requiring no additional resources needs.

Course description: "Wastewater treatment systems; bench-scale treatment operations. Engineering design applications."

[ENGR - 578 - 22-1783 - New Course - Electricity Grids and Distributed Renewable Energy](#). This 3-unit course is co-listed with ENGR 478 with additional assignments and expectations for graduate credit. It increases course options for MS students while requiring no additional resources needs.

Course description: "Foundations and topics in the design and operation of electric power systems ("the Grid"), integrating renewable electricity generation with the grid, and distributed energy systems with generation, storage, and demand-side management."

[Environmental Science and Management, Ecological Restoration Concentration, B.S. - Change Concentration/Emphasis Requirements - 22-1898](#). Add New Course ESM 469: Field Course in Environmental Science and Management to the list of electives available for the concentration.

[Environmental Science and Management, Environmental Planning and Policy, B.S. - Change Concentration/Emphasis Requirements - 22-1900](#). Add New Course ESM 469: Field Course in Environmental Science and Management to the list of electives available for the concentration.

[Environmental Studies, B.A. - Change Concentration/Emphasis Requirements - 22-1710](#). Remove GSP 280 (special topics course) and add GSP 272 (GIS for Social Science) in the geospatial emphasis area. The course has already been approved and will begin to show in the catalog AY23-24.

[Environmental Systems, Energy Technology and Policy Concentration, M.S. - Change Concentration/Emphasis Requirements - 22-1879](#). This proposal removes four 400-level undergraduate engineering design electives (ENGR 436, 452, 453, and 478) and replaces them with their graduate level co-listed equivalents (ENGR 536, 552, 553, 578).

[Environmental Systems, Environmental Resources Engineering, Concentration, M.S. - Change Concentration/Emphasis Requirements - 22-1880](#). This proposal removes four 400-level undergraduate engineering design electives (ENGR 436, 452, 453, and 478) and replaces them with their graduate level co-listed equivalents (ENGR 536, 552, 553, 578).

[ESM - 469 - 22-1799 - New Course - Field Course in Environmental Science and Management](#). 1-4 units, C-7, Variable topics course. The Mattole Restoration Field Course (1 unit) has been offered several times as ESM 480 (Selected Topics). In summer 2022, the Klamath Basin Field course (3 units) was also offered as ESM 480 (Selected Topics). This proposed new course will create a designated number (**469**) for field courses in ESM, so that they don't have to continue to offer them as 480 courses (which are designed to be temporary).

[GSP - 316 - 21-1541](#). Cartography (4). Course change changing prerequisites from GSP 101 (C) and GSP 101L (C) to "GSP 101 and GSP 270 or GSP 272 for undergraduate students; GSP 510 for graduate students".

[MUS - 107H - 21-1643](#). "Mariachi de Humboldt" (1). New ensemble class that supports Cal Poly's HSI designation. Cross-listed with MUS 407H.

Course Description: *"Explore, study, and perform various mariachi styles from Mexico. Open to beginning and experienced performers on violin, trumpet, voice, guitar, vihuela, and guitarrón."*

[MUS - 110L - 21-1642](#). "Music Fundamentals Support" (1). C-10 activity. New course proposal to create supplemental instruction for MUS 110 which has historically had a high failure rate amongst students with minimal music-reading skill level. The department experimented with several different 180 courses and determined that a side-by-side support course is most effective in helping students be successful in MUS 110.

Course Description: *"Provides students extra assistance meeting the goals of MUS 110. Activities include practice matching pitch and using the voice, keyboard practice, note reading practice, rhythm practice, and beginning ear training as well as homework assistance. This course is especially encouraged for*

students entering the music major who largely perform by ear or are not strong readers on their instrument or voice."

[MUS - 407H - 21-1644](#). "Mariachi de Humboldt" (1). New ensemble class that supports Cal Poly's HSI designation. Cross-listed with MUS 107H.

Course Description: *"Explore, study, and perform various mariachi styles from Mexico. Open to beginning and experienced performers on violin, trumpet, voice, guitar, vihuela, and guitarrón."*

[Music, B.A. - Change Core Requirements - 21-1645](#). This proposal adds the newly proposed Mariachi Ensemble courses (MUS 107H/407H) to the list of available Ensembles required for all Music students as part of the program core.

[Music, Music Studies Concentration, B.A. - Change Concentration/Emphasis Requirements - 21-1646](#). Add MUS 110L *"Music Fundamentals Support"* to the list of restricted electives. Since 110L is a lower division course, remove all mention of Upper Division Electives.

[Music, Performance Concentration, B.A. - Change Concentration/Emphasis Requirements - 21-1648](#). 1. Add MUS 110L *"Music Fundamentals Support"* to the list of restricted electives in the Instrumental and Guitar emphases. Since 110L is a lower division course, remove all mention of Upper Division Electives. 2. Add MUS 407H: Mariachi de Humboldt to the list of upper division Ensembles for the Guitar, Instrumental, and Vocal emphases.

[NAS - 101 - 22-1841 - New Course - Traditional Ecological Knowledge and Place Based Learning](#). 3 units, C1, Critical Thinking course. This course is answering a need from faculty and students across the campus to explore TEK and the ethical implementation of place-based learning through an Indigenized curriculum.

Course description: "Introduction to traditional ecological knowledge (TEK) and ethical engagement of place-based learning. Apply critical thinking skills to responsible incorporation of Indigenous knowledges and explore how critical and creative thinking occurs within Indigenous contexts. Engage with informed present-day issues and explore how TEK can inform critical and creative thinking and problem-solving skills across disciplines."

[NAS - 306 - 22-1745 - Course Change - Indigenous Peoples of the Americas](#). Update the course description to better reflect the Latin American content of the course. Change from DCG: Domestic to DCG: Non-Domestic classification.

Current Description: Traditional cultures, historical development, and contemporary social and political situations.

Proposed Description: Traditional cultures, historical development, and contemporary social and political situations of Indigenous peoples of South, Central, and North America, with an emphasis on Latin America (Abya Yala).

[PSYC - 644 - 22-1848 - New Course - Suicide Risk Assessment and Intervention](#). The Psychology department would like to add a .5 unit C-04 course to its Counseling Psychology M.A. curriculum in order to meet the newly established by the Board of Behavioral Sciences requirement for the Marriage and Family Therapy (MFT) license in the state of California (minimum of 7 hours of instruction). This course has been taught as a 680 special topic for the past couple of years and the department must propose it as a standalone course in order to continue to offer it.

Course Description: "Assessment and documentation of suicide risk and interventions for working with clients with suicide ideation. Factors that contribute to suicide risk."

[PSYC - 650 - 22-1849 - New Course - Assessment and Treatment of Child Abuse](#). The Psychology department would like to add a .5 unit C-04 course to its Counseling Psychology M.A. curriculum in order to meet the newly established by the Board of Behavioral Sciences requirement for the Marriage and Family Therapy (MFT) license in the state of California (minimum of 7 hours of instruction). This course has been taught as a 680 special topic for the past couple of years and the department must propose it as a standalone course in order to continue to offer it.

Course description: "Assessment and reporting of child abuse. Interventions for intervening in cases of abuse and working with individuals with previous abuse."

[PSYC - 678 - 22-1851 - New Course - Comprehensive Exam Preparation](#). The Psychology department would like to add this new 3-unit C-05 course which was designed to help students review and integrate knowledge across the discipline, in preparation for the comprehensive exam. This course has been taught as a 680 special topic in the past and it must be offered as a standalone course in order to be offered in the future. The 3 units that students earn in this course count towards the 60 units required by the California Board of Behavioral Sciences (BBS) for licensure as a Marriage and Family Therapist (MFT) by the state of California.

Course description: "Prepare for and review material for the comprehensive exam, including integrating knowledge across major content areas of the discipline and applying knowledge to clinical cases."

[Counseling Psychology, M.A. - Change Core Requirements - 22-1847](#). The Psychology department would like to make the following changes to this program:

1) Add two .5 unit courses: PSYC 644 "Suicide Risk Assessment and Intervention" and PSYC 650 "Assessment and Treatment of Child Abuse . The Counseling Psychology program provides the educational requirements for the Marriage and Family Therapy (MFT) license in the state of California and must follow all curriculum requirements mandated by the California Board of Behavioral Sciences (BBS). The BBS recently added these two curriculum requirements. These courses have been taught as 680's for the past couple of years and must now be added to the curriculum as standalone courses.

2) Add a 3-unit PSYC 678 "Comprehensive Exam Preparation" course to the curriculum. The primary purpose of this course is to improve student learning and student success on the exam. This course also

counts towards the 60-units required by the California Board of Behavioral Sciences (BBS) for licensure as a Marriage and Family Therapist (MFT) by the state of California. The comprehensive exam along with this preparation course are an alternative to the 3-unit thesis culminating experience option.

3) Remove PSYC 642 from the program requirements. This course is not required by the BBS. Students already complete one research course (PSYC 641), which is sufficient for their training as therapists.

With the proposed changes, the total number of units for the Counseling Psychology Program is exactly 60, the minimum required by the board.

[TA - 107 - 22-1801 - Course Deletion - Dramatic Writing](#). This course is being changed to an upper division level and getting a GEAR certification. The lower division version is being deleted.

These two items have originally been approved by the ICC on Oct 4, 2022 and the University Senate on Oct 11, 2022, but the first item requires the indicated amendment:

[Wildlife - Change Concentration/Emphasis Requirements - Wildlife Management and Conservation Concentration - 21-1101](#)

- Suspend the Conservation Biology/Applied Vertebrate Ecology Concentration so that Wildlife has a single ~~major without any~~ concentration
- ***Amendment: Rename the remaining concentration from Wildlife Management and Conservation to Wildlife Ecology, Conservation, and Management***
- Add more choices of courses - CHEM 228 added to the Physical Science courses; add Math 105 as a Math course choice; add GEOG 301/ESM 301, EMS 305, ECON 309, NAS 331, and NAS 332 to the choices in the "Ethics" requirements; Create a Taxonomy and Management requirement that provides choices of "Ology" courses (ZOOL 354: Herpetology, FISH 310: Ichthyology, ZOOL 314: Invertebrate Zoology, Zool 358: General Entomology" and Wildlife Management courses (WLDF 420,421, 422, 423); Add FISH 474 to choices in the Advanced Classes list; Add an elective section with Any Taxonomy & Management course or Advanced course, STAT 333, GSP 370, ESM 425, ESM 430, FISH 458, BIOL 434, BIOL 340, or any other relevant upper-division course with the approval of major adviser.

All affected departments have been consulted and approved of these revisions.

[Wildlife - Suspend Program - Conservation Biology - Applied Vertebrate Ecology concentration - 21-1108](#). Suspend Wildlife Conservation Biology and Applied Vertebrate Ecology concentrations. The continuing students will be able to complete the suspended concentrations or switch to the new simplified single concentration.