

## ICC Meeting Agenda

**Meeting Date:** Tuesday, January 25th, 2022

9:00am to 11:00am

Via Zoom:

<https://humboldtstate.zoom.us/j/81034195588?pwd=b3NYdEJLK1ILSWhEcUFBeHdpTzhHQI09>

**ICC Members:**

Ramesh Adhikari, Jill Anderson (Chair), Brad Ballinger, Kayla Begay, Vincent Biondo, Travis Brunner, Carmen Bustos-Works, Christine Cass, Eden Donahue, Heather Madar, Cindy Moyer, Marissa Ramsier, Cutcha Risling-Baldy, Justus Ortega, Jenni Robinson, Sheila Rocker-Heppe, Marisol Ruiz-Gonzalez, Mark Wicklund, George Wrenn, Rick Zechman

**GEAR Chair:** Lisa Tremain

**CDC Chair:** Lucy Kerhoulas

**APC Chair:** Maxwell Schnurer

**Student Representatives:** Vacant

**Administrative Coordinator:** Mary Watson

**Curriculum Coordinator:** Bella Gray

Current Vacancies: Graduate Council representative, Student representatives (2)

See: ICC Agenda Meetings AY 21-22 Folder

[ICC Bylaws](#)

[ICC Workflow Diagram](#)

Time	Agenda Item	Lead
9:00-9:05	1. Welcome <ul style="list-style-type: none"><li>a. Chat Guidelines<ul style="list-style-type: none"><li>i. Stack-Comment to add to the discussion</li><li>ii. DR- Direct response to a comment made</li><li>iii. Q-Questions</li></ul></li><li>b. Approval of Minutes<ul style="list-style-type: none"><li>i. <a href="#">February 8, 2022</a></li></ul></li></ul>	Jill
9:05-9:20	2. <a href="#">Consent and Voting Action Calendar</a> (see below)	CDC
9:20-9:30	3. Cannabis Studies Program - <a href="#">Resolution for Senate</a>	Jill

<b>9:30-9:40</b>	4. Data Science Program- <a href="#">Resolution for Senate</a>	<b>Jill</b>
<b>9:40-9:55</b>	5. Marine Biology Program- <a href="#">Resolution for Senate</a> Note: <a href="#">Letter from Oceanography in response</a>	<b>Jill</b>
<b>9:55-10:00</b>	<b>Break</b>	
<b>10:00-10:20</b>	6. <a href="#">Psychology Program Packet</a>	
<b>10:20-10:40</b>	7. Assigned time and program review	<b>Mark</b>
<b>10:40-10:45</b>	8. <a href="#">Survey on AB 928</a>	<b>Jill</b>
<b>10:45</b>	9. Subcommittee Reports <ul style="list-style-type: none"> <li>a. CDC</li> <li>b. GEAR</li> <li>c. APC</li> <li>d. APPC</li> </ul>	<b>Chairs</b>
<b>Next meetings:</b> <b>Subcommittees: Tuesday, Feb. 1st 9-11am</b> <b>Full ICC: Tuesday Feb. 8th 9-11am</b>		

## **Consent and Voting Action Calendar**

### Voting Action Calendar

[BOT - 330 - 21-1439](#) "Plant Ecology" (2). Current prerequisites: BIOL 330 or WLDF 301, or FOR 131. Add an alternative prerequisite course, ESM 303 "Applied Natural History and Ecology". Additionally, the course's C-classification is updated from C-04 to C-01 to better reflect the past and planned course enrollment.

[DANC - 389 - 2021-1491](#). "Choreography II" (2). Course prerequisite changes necessitated by the suspension of DANC 288 and 289 and their replacement with DANC 287. New course prerequisite: DANC 287. Course repeatability changed from up to 2 times to up to 3 times.

[EDUC - 318 - 21-1361](#) and [WS - 318 - 21-1361](#). Proposal seeking to change the title and description of the crosslisted EDUC 318/WS 318 in order to improve course currency. Both courses are seeking identical changes.

**Current: Gay & Lesbian Issues in Schools.** Explores the ways in which K-12 public education responds to the open inclusion of gay, lesbian, bisexual, and transgender students, teachers, and parents. Special focus on topics such as homophobia in girls' sports, gender nonconforming sports, and teachers' decisions to be closeted or openly gay

**Proposed: LGBTQIA+ Issues in Schools.** Examine policy and pedagogical issues related to full participation of LGBTQIA+ people of diverse races, classes, abilities, and ethnicities in K-12 schools in the United States.

[Environmental Resources Engineering, B.S. - Change Core Requirements - 21-1465](#). The ERE program would like to add NAS 331 and OCN 320 to upper division Science/Natural Resources electives to formalize existing advising and substitution practices. Prerequisite changes to OCN 320 now make this course accessible to ERE students. Adding NAS 331 to the list of electives will allow students to take this course without having to ask their advisors to make an exception to their DARs. The ERE department has been accepting this course as an upper division science elective since it was reactivated in 2016.

[Environmental Systems - Change Core Requirements - 21-1226](#). The Environmental Systems graduate program is redesigning its curriculum in order to align with EO 1071.

The 3 concentrations of this program (Geology, Environmental Resources Engineering, and Environmental Technology & Policy) will share a 16 unit core composed of:

- 1 unit of SCI 698 Graduate Colloquium,
- 3 units of Independent Study (ENRG 699 or GEOL 699)
- 6 units of Thesis (ENGR 690 or GEOL 690)
- 4 units of Statistics/Analysis (ENGR 322, GSP 510, or STAT 630)
- 2-4 units of Methods (ECON 423/D, ECON 550, or GEOL 554)

The Geology concentration will be comprised of:

- GEOL 550 (3) Fluvial Processes
- GEOL 551 (3) Hillslope Processes
- GEOL 553 (4) Quaternary Stratigraphy
- GEOL 555 (3) Neotectonics
- additional course(s) from the approved electives list in order to bring the total degree units to no fewer than 30.

The Environmental Resources Engineering concentration will be comprised of:

- a minimum of 3 engineering design courses (9 units) from the approved list of courses
- a minimum of 1 policy course (3-4 units) from the approved list of courses
- additional course(s) from the approved electives list in order to bring the total degree units to no fewer than 30.

The Environmental Technology & Policy concentration will be comprised of:

- ENGR 532 (4) Energy, the Environment, and Society
- additional course(s) from the approved electives list in order to bring the total degree units to no fewer than 30 (no more than 2 engineering electives).

[FISH - 446 - 21-1289](#) and [FISH - 546 - 21-1308](#). "Aquatic Ecosystem Modeling" (3) new co-listed courses that will become electives for the Fisheries Biology BS and Natural Resources, Fisheries Biology concentration. Course description: "Using statistical and theoretical models to understand the processes that influence the structure and function of aquatic populations and communities. Methods may include spatial analyses, time-series, bioenergetics, and individual based models." This course was previously offered as a 480/580 special topic course and will be comprised of 2 units of C-04 and 1 unit of C-13.

[Fisheries Biology, B.S. - Change Concentration/Emphasis Requirements - 22-1451](#). Add newly proposed course FISH 446 "Aquatic System Modelling" to the list of elective courses for all Fisheries Biology concentrations.

[Natural Resources, M.S. Fisheries Biology Concentration Change - 21-1452](#). Add newly proposed course FISH 546 "Aquatic System Modelling" to the list of elective choices for the Fisheries Biology concentration.

[Forestry, Forest Restoration Concentration, B.S. - Change Concentration/Emphasis Requirements - 21-1434](#). The Forestry department would like to move FOR 431 "Forestry Restoration" from the list of concentration electives into the list of required upper division courses for the Forest Restoration concentration. Conversely, the department would like to move the currently required by the concentration FOR 321 "Fire Ecology" course to the list of electives. Because the courses "swap" between the list of required courses and electives and each of them is worth 3 units, there are no unit implications for the students.

[FREN - 420 - 20-1104](#). "French Peer Tutoring" is currently 1-3 units and is not repeatable. The program would like to make it repeatable for up to a maximum total of 4 units. This change will have no effect on resources, will improve student learning (to teach something is to know

something), and will decrease time to graduation; it will also make FREN 420 in line with its sibling Spanish course (SPAN 313 "Spanish Peer Tutoring").

Note: For parity, CDC recommends that SPAN 313 be changed to 1-3 units and repeatable for up to 4 units (it is currently 1-4 units, which seems unrealistic, that students are spending 180 hours per semester [12 hours per week] on this course).

[Geology, BS and BA - Change Concentration/Emphasis Requirements - 21-1176](#). Geology department wants to add GEOL 452, 453, and 456 (which are all co-listed with the corresponding graduate courses GEOL 552, 553, and 556) to count towards the Area of Specialization requirement, which requires BA and BS Geology majors to complete 5 units of upper-division geology courses. Each 400-level undergraduate course will be co-listed with a 500-level graduate course, which will be taught by the geology department and offered to graduate students on a rotation. If one of the co-listed 400-level courses is completed for credit, the 500-level co-listed course may not be taken for credit at a subsequent time, unless explicitly stated on the student's program of study and approved by the student's graduate committee.

[GEOL - 452 - 21-1322](#) and [GEOL - 552 - 21-1338](#). "Glacial & Periglacial Processes" (3). New co-listed courses. **Course Description:** *"Principles of glacier formation and flow, glacial landforms, and using glaciers as climate and paleoclimate indicators. Includes field trips."* GEOL 452 will count toward the Area of Specialization for Geology BA & BS majors (5 units required). GEOL 552 will count towards Geology electives in the Environmental Systems, M.S. Geology concentration. These new courses will maximize faculty expertise, allow more BA & BS Geology majors to understand glaciers, and address recommendations from external review for the GEOL department to co-list 400 and 500 courses to make course schedules more predictable.

[GEOL - 453 - 21-1294](#). "Quaternary Stratigraphy" (4). New co-listed course proposal. 3 units of C-04 lecture plus 1 unit of C-16 lab. **Course Description:** *"Examination of stratigraphic records of global change during the past 2.6 million years, including changes in climatic, geomorphic, sedimentologic, and biologic systems, and discussion of causes and implications of those changes both in theory and practice. Includes field trips."* GEOL 453 will count toward the Area of Specialization for Geology BA & BS majors (5 units required). This new course will be co-listed with the existing [GEOL - 553 - 21-1321](#), which will count towards Geology electives in the Environmental Systems, M.S. Geology concentration. These new courses will maximize faculty expertise, allow more BA & BS Geology majors to understand glaciers, and address recommendations from external review for the GEOL department to co-list 400 and 500 courses to make course schedules more predictable.

[GEOL - 456 - 20-1103](#) "Hydrogeology" (4). New co-listed course proposal. 3 units of C-05 lecture plus 1 unit of C-16 lab. **Course Description:** *"Quantitative exploration of movement and retention of water through the subsurface. Physics of saturated and unsaturated zone hydrology. Modeling of moisture change in the root zone, and vegetative water uptake. Geologic and environmental factors affecting water resources with a focus on water extraction and stream flow in northern California."* GEOL 456 will count toward the Area of Specialization for Geology BA & BS majors (5 units required). This new course will be co-listed with the existing [GEOL - 556 - 21-1507](#), which will count towards Geology electives in the Environmental Systems, M.S. Geology concentration. These new courses will maximize faculty expertise, allow more BA & BS Geology majors to understand glaciers, and address recommendations from external review for the GEOL department to co-list 400 and 500 courses to make course schedules more predictable.

[German Studies - Change Core Requirements - 20-1082](#). The World Languages and Cultures Department would like to change two courses in their German Studies Minor. Previously the minor core curriculum had required GERM 311 (German Level V) and 312 (German Level VI), but these two classes have not been offered since 2015-16. So, they would like to suspend GERM 311 and 312 from the curriculum and replace them with GERM 105 (German Level I) and 106 (German Level II). This will not change the number of units for the minor, will make it easier for students to earn the minor, and will avoid confusion that arises when courses are required but no longer offered. Further, because minors require at least 6 UD courses and they are removing 311 & 312 and replacing them with 105 & 106, this means that all of the 16 units of required courses are LD. Thus, all 6 elective units need to be UD and ENGL 240 therefore is being removed from the list of potential elective courses.

[GERM - 311 - 21-1469](#). The Department of World Languages and Cultures would like to suspend GERM 311 (German Level V), as it has not been offered in years due to low enrollment. The course was part of the German Minor core, but GERM 105 (German Level I) is being swapped in as a replacement.

[GERM - 312 - 21-1474](#). The Department of World Languages and Cultures would like to suspend GERM 312 (German Level VI), as it has not been offered in years due to low enrollment. The course was part of the German Minor core, but GERM 106 (German Level II) is being swapped in as a replacement.

[GSP - 318 - 21-1456](#) "Geospatial Programming I". Current prerequisite: GSP 101 and GSP 101L. Adding alternate pre-requisite of GSP 510.

[History, B.A. - Change Concentration/Emphasis Requirements - 21-1489](#). The History department is reactivating the suspended in 2015 HIST 305 "The American West" (3) and HIST

305M "The American West Depth Experience" (1) and adding them to the US History Area elective course list.

[HIST - 305 - 21-1480](#) "American West" (3). Reactivation of a course suspended in 2015. C-class of the class updated from C-02 to C-04 to better reflect the planned and agreed-upon with the dean's office enrollment - no WTU or unit repercussions.

[HIST - 305 - 21-1481](#) "The American West Depth Experience" (1). Reactivation of a course suspended in 2015. C-class of the class updated from C-02 to C-05 to better reflect the planned and agreed-upon with the dean's office enrollment - no WTU or unit repercussions.

[JMC - 305 - 21-1324](#) "Global Media and Society" (3). UDD, DCG-ND. Course title and description change to update course currency:

**Current: International Mass Communication.** Comparative press systems and theories; international and cross-cultural communications; the role of international media as the intersection between social, political and economic institutions.

**Proposed: Global Media and Society.** Diversify knowledge of the global media landscape by examining international cross-cultural communications and the role of international media in social, political, technological and economic change.

[JMC - 326 - 21-1458](#) "Investigative Reporting" (3). The content of this course has been offered for the past several years as a special topic. The JMC department would like to update the course description for currency as this course will be once again offered as the 326 and used as an elective by the Cannabis Studies BA Equity and Social Justice concentration and the Journalism Minor.

**Current:** An advanced reporting and writing class. You will learn to apply in-depth reporting techniques and synthesize large amounts of information into a compelling story about an important community issue.

**Proposed:** Apply in-depth reporting techniques and synthesize large amounts of information into a compelling story about an important community issue.

[JMC - 429 - 21-1368](#). Advanced Public Relations. Addition of the "Sustainability-related" designation confirmed by the Sustainability Fellow J. Ortega. Course description updated to improve course currency:

**Current:** PR problems of industry and public institutions; managing effective public relations campaigns. Projects, discussion, writing of various communication tools.

**Proposed:** Practical experience working with community partners, media and other stakeholders to create and manage public relations campaigns.

[Liberal Studies, Child Development Elementary Education Concentration, B.A. - Change Concentration/Emphasis Requirements - 21-1522](#). This proposal replaces the suspended by the History Department HIST 311 and replaces it with the newly proposed HIST 200, which will meet the subject matter requirements of the ESM standards.

[Liberal Studies, Child Development / Elementary Education ITEP Concentration, B.A. - Change Concentration/Emphasis Requirements - 21-1523](#). Program requirements are updated to account for the suspension of HIST 311 and its replacement with HIST 200. Additionally, SPED 777 "Education of Exceptional Individuals" (2) is being replaced in the program with CD 467 "Working with Culturally Diverse Families" (3) thus increasing the number of units in the program by 1 unit.

[LSEE - 312 - 22-1521](#). The School of Education would like to suspend LSEE 312 (Social Studies & Science Fieldwork Observation & Seminar, 1.5 units) because it is no longer used in the LSEE program. The course has been replaced with LSEE 315 (Social Studies for Elementary Education, 4 units) and LSEE 313 (Science for Elementary Education, 3 units). No other LS programs appear to use this course either. The suspension was prompted by the fact that LSEE 312 has a prereq of HIST 311, which was recently suspended.

[MATH - 311 - 22-1498](#). "Vector Calculus". Course prerequisite changes necessitated by the suspension of MATH 241 and its replacement with MATH 107. New course prerequisites: MATH 107 and MATH 210.

[MATH - 313 - 22-1499](#). "Ordinary Differential Equations" (4). Course prerequisite changes necessitated by the suspension of MATH 241 and its replacement with MATH 107. New course prerequisites: MATH 107 and MATH 210.

[Philosophy, History of Western Philosophy Minor - Change Core Requirements - 22-1502](#). Reflecting approved changes to Philosophy BA: delete PHIL 341, PHIL 342, and PHIL 343 and add PHIL 210 and PHIL 211 as core requirements of the minor. Replace "Complete one lower or upper division 3-unit elective in philosophy" with "Complete two upper division 3-unit electives in philosophy" in the minor.

[PHYX - 450 - 21-1343](#) "Quantum Physics I". Department would like to add PHYX 340, "Mathematical & Computational Methods" (which has a prereq of PHYX 211 already required by



the major) as a prerequisite. Current prerequisites: PHYX 320, "Modern Physics" and MATH 313, "Ordinary Differential Equations". Rationale: the majority of physics majors will have already taken PHYX 340 prior to taking PHYX 450. PHYX which was previously offered in the spring will now be offered in the fall allowing the transfer students to take this junior-level course before they sign up for the senior-level 450. This change is proposed to improve student learning.

[REC - 365 - 21-1298](#) "Travel Industry Management". Changing number from REC 365 to REC 315, as it is an Intro to Travel Industry Management course. Change to description to reflect the sequence of Tourism Emphasis courses.

**Current:** This is a conceptual and experiential course that provides an overview of hospitality management, meeting and convention planning, travel modes and methods, and destination marketing.

**Proposed:** This course provides a broad overview of the travel industry and the many participants in it. As the foundational course in the tourism management emphasis, students will develop a conceptual understanding of the tourism industry approaches and practices, as well as career opportunities. Students will explore management methods, goals, issues, and challenges through classroom and field experiences.

[REC - 472 - 21-1299](#). "Leadership Diving: Assistant Instructor" (4). Currently, this course does not require any prerequisites. This proposal adds the following prerequisites: REC 252 ("Diving First Aid, Introduction to HSU Diving"), REC 262 ("Beginning SCUBA"), REC 362 ("Master Diver"), and REC 383 ("Rescue Diver").

[SCI - 100G - 21-1345](#). "Becoming a STEM Professional" (3). 2 hrs/2 units of C-01 lecture + 2 hrs/1 unit of C-07 activity. This proposal creates a version of SCI 100 designated for Among Giant learning community students only. **Course description:** *"This course provides an introduction to the academic skills of a student in STEM, an introduction to the practical aspects of these disciplines, and their role in our multicultural society. Course designated for the Among Giants learning community participants."*

The Biological Sciences department determined that the current C-05 1 unit/1 hr break-out session does not provide sufficient instructional time for their place-based learning community, Among Giants and would like to create this version of SCI 100 (with G for Giants) that affords an additional hour of instruction. According to the Biological Sciences department, this will not increase WTU for this course compared to SCI 100, as faculty already get an extra WTU for summer immersion and have agreed to include the increased 0.33 WTU from the C-07 unit in this extra WTU. The assigned time would then have to be adjusted from 1 to 0.67 WTU.

[Sustainable Food Systems Minor - 20-1086](#). The Department of Anthropology would like to create a new Sustainable Food Systems Minor. This degree will be 18 units total. There will be

three core classes: ANTH 308 (a new course, 3 units, Sustainable Food Systems, approved for GE Area B), NAS 331 (3 units, Indigenous Natural Resource Management Practices), and HED 231 (3 units, Basic Human Nutrition). As the 4th core course students then either take WLDF 309 (3 units, Case Studies in Environmental Ethics) or RRS 306 (3 units, Wildland Resource Principles). Finally, students take two classes (minimum 6 units) from a list of 37 electives. The minor will be housed in Anthropology and there is an MOU from the three deans outlining how this minor will be tended by an interdisciplinary team.

[ANTH - 308 - 20-997](#). "Sustainable Food Systems" (3) The Anthropology Department would like to create a new course, which will be part of the core curriculum in the newly-proposed Sustainable Food Systems Minor (20-1086) and will fulfill upper division GE Area B. **Course description:** "This interdisciplinary course explores the scientific, historical, ethical, economic, and cultural aspects and considerations of growing, harvesting, processing, transporting, marketing, eating, and disposing of food. Food systems are complex and multifaceted. Which foods are made available to us and why, is often highly political. Food directly impacts our health, the economy, the environment and the wellness and resiliency of our communities. This course will critically explore the scientific and pertinent social factors of what makes a food system sustainable."

[PSCI - 305 - 20-994](#). "Food Politics and the American Dream" (3). The Political Science Department would like to reactivate PSCI 305, which was suspended in 2009 (and was then called The American Political Dream). **Course description:** "Explores a variety of topics in the politics of food, including political, economic, social, and cultural dynamics of food production and consumption; the intersection of food and identity; food and the environment; food regulatory policy; alternative food systems." Via this new course proposal, the department is reactivating, changing the name, and changing the description of this course as part of a curriculum update. Since 2009, it has been offered numerous times as a Special Topics/capstone course for PSCI and ENST majors and had good enrollment and student success. PSCI Will be used as an elective in the 1) Politics of Environment and Sustainability concentration within the PSCI major (the department submitted related [Political Science - Change Concentration/Emphasis Requirements - 20-1166](#) to update this concentration), 2) the PSCI minor, 3) the Food Justice career path track for the newly proposed Sustainable Food Systems Minor (20-1086), and 4) UD GE Area D (approved by the GEAR committee).

**Note: The new Bachelor's programs and the Psychology Packet will be considered as independent items in the agenda, please consider only the proposal above for the consent and voting action calendar today.**

Cannabis Studies BA, New Program

[Cannabis Studies BA - New Program - 21-1181](#). The Sociology Department would like to create a new major: Cannabis Studies BA. An MOU from three Deans has been signed showing support

for this program (e.g., for extra sections of NAS 332 & BOT 300). The program involves the creation of 7 new courses that will all be used in the major. There will be a 31-unit core, consisting of CANN 120, 202 (GE E), 240, GSP 101, BOT 300, CANN 325, 335, 420, 482, NAS 332, and SOC 372 or 472. This major will have two concentrations: 1) Equity and Social Justice (30 units) and 2) Environmental Stewardship (29-30 units).

[CANN 120 - New Course - 21-1271](#). The Sociology Department would like to open a new course, CAN 120 Introduction to Cannabis Studies, 3 units, to be part of their new program, Cannabis Studies. This course will be part of the major core.

[CANN 202 - New Course - 21-1390](#). The Sociology Department would like to create a new course, CANN 202, Humboldt and Cannabis, 3 units. This new course will be offered each semester, will be a required course for the Cannabis Studies BS, and will also be a GE Area E course.

[CANN 240 - New Course - 22-1391](#). The Sociology Department would like to create a new course, CANN 240, Global Cannabis, 3 units. This course will be offered each semester, and is required in the Cannabis Studies BA. CANN 120 Will be a prereq for this class.

[CANN 325 - New Course - 21-1399](#). The Sociology Department would like to create a new course, Cannabis and Social Equity, 3 units, as a required course in the major. The class will be taught each semester and will have CANN 202 & 340 as required prerequisites.

[CANN 335 - New Course - 21-1400](#). The Sociology Department would like to create a new course, CANN 335, Cannabis and Environmental Sustainability, 3 units. This course will be offered each semester and will be required for the major.

[CANN 345 - New Course - 21-1401](#). The Sociology Department would like to create a new course, CANN 345, Cannabis Regulatory and Environmental Requirements, 3 units. This course will be offered each spring and will be required as a core class for the Environmental Stewardship Concentration and then will also be an elective in the Equity and Social Justice Concentration, the two concentrations within the Cannabis Studies BA. CANN 335 Will be a required prerequisite course.

[CANN 420 - New Course - 21-1402](#). The Sociology Department would like to create a new course, CANN 420, Cannabis Law and Public Policy, 3 units. The class will be offered each semester, will be a required class in the Cannabis Studies major, and will have required prerequisite classes CANN 325 and 335.

[CANN 482 - New Course - 21-1410](#). The Sociology Department would like to create a new course, CANN 482, Internship, 3 units. This course will be taught each semester, will be

required for the Cannabis Studies degree, and will have required co-requisites (which may have been taken previously) SOC 372 or SOC 472 and CANN 420. The structure of the course will be 2 hours of lecture per week (2 units C-05 seminar) plus internship hours (1 unit C-78). There is an MOU agreeing to provide 1 WTU for the one C-78 unit. The department is confident that there will be sufficient outlets in the region to support this many internships within this field of study.

[CRIM - 420 - 21-1449](#). The Sociology Department would like to add CANN 240 as an alternate prerequisite for CRIM 420, as the Equity and Social Justice Concentration within the Cannabis Studies BA is requiring CRIM 420, so this change will make it easier for CANN students to take the required coursework without additional hidden prerequisites. The current prerequisites for CRIM 420 are CRIM 225/225S (which has a prereq of CRIM 125) or SOC 225S. The new prereq, CANN 240, has a prereq of CANN 120, but this is part of the LD CANN core.

## Data Science Packet

[Data Science - 21-1441](#). New B.S. degree program proposal for the Polytechnic. No other CSU has a standalone Data Science B.S. degree. There is an applicable workforce and notable student demand for this degree. The Math Department plans to start the program in 2023/24 and expects that by the fifth year, they will have 125 majors annually. All documents (e.g., 2- and 4-yr MAPs, PLOs, Course Rotations, Assessment Plans, Syllabi) for the new program are in great shape and have been carefully reviewed. In addition to 15 "Area of Application" upper division elective units, the degree requires six new courses:

[DATA - 111 - 21-1440](#) "Introduction to Programming and Computational Thinking for Data Science" (4). 3-unit C-01 lecture plus two 1-unit C-13 activities. New course proposed as part of the Data Science, B.S. **Course description:** *"Intertwines three perspectives: inferential thinking, computational thinking, and real-world relevance. Students explore real data to understand relationships and patterns while learning critical skills in computer programming and basic statistical inference."*

[DATA - 271 - 21-1442](#) "Data Wrangling and Visualization" (4). 3-unit C-01 lecture plus two 1-unit C-13 activities. New course proposed as part of the Data Science, B.S. **Course description:** *"Provides an intensive, hands-on introduction to data wrangling, cleaning and visualization using a contemporary programming language. Learn the fundamental skills required to acquire, transform, manipulate, and visualize data in a computing environment that fosters reproducibility. The overall goal is to create actionable data from raw sources and then perform exploratory analysis. These steps will include importing data, viewing data*

*diagnostically, identifying outliers, imputing data, cleaning data, calculating basic statistics and creating informative plots."*

[DATA - 311 - 21-1443](#) "Applied Data Analysis" (4). 3-unit C-01 lecture plus two 1-unit C-13 activities. New course proposed as part of the Data Science, B.S. **Course description:** *"This team- and project-based course provides an opportunity to work through the entire data analysis pipeline in an applied context. Three modules cover (1) cleaning and exploring data, (2) visualizing data and (3) prediction, validation and uncertainty estimation. Students will advance written and verbal communication skills by reporting their findings."*

[DATA - 322 - 21-1444](#) "Machine Learning for Data Science" (4). 3-unit C-01 lecture plus two 1-unit C-13 activities. New course proposed as part of the Data Science, B.S. **Course description:** *"Provides a broad introduction to machine learning, datamining, and statistical pattern recognition. Topics include: (i) Supervised learning (ii), Unsupervised learning and (iii) Best practices in machine learning. The course draws from numerous case studies and applications, with a practical rather than theoretical emphasis."*

[DATA - 422 - 21-1447](#) "Advanced Data Science Methods and Ethics" (4). 3-unit C-04 lecture plus 1-unit C-13 activity. New course proposed as part of the Data Science, B.S. **Course description:** *"Provides a treatment of advanced topics in Data Science. Topics include: (i) Privacy and Ethics, (ii) Multivariate Statistics, (iii) Big Data and Cloud Computing and (iv) Deep Learning. The course will draw from numerous case studies and applications, with a practical rather than theoretical emphasis."*

[DATA - 450 - 21-1448](#) "Data Science Capstone" (3). 1-unit C-04 lecture plus 2-unit C-16 lab. New course proposed as part of the Data Science, B.S. **Course description:** *"Semester-long, student-led Data Science group project culminating in a written and an oral presentation. Projects explore an area of application. Preparation for professional life after graduation, including graduate school attendance, working as a Data Scientist, or other quantitative careers."*

## Marine Biology Packet

[Marine Biology - 21-1446](#). This proposal seeks to elevate the existing Marine Biology concentration within the Biology major to a stand-alone major in order to strengthen the program and better serve the interest among our students pursuing a career in marine biology. The proposed program is part of a strong institutional commitment to the marine sciences in general, leveraging HSU's coastal geographic location, strong commitment to field based

learning and world-class marine facilities such as the 16,000 sq ft Telonicher Marine Lab and the 90' R/V Coral Sea, and the University's interdisciplinary Institute for Marine and Coastal Sciences

## Psychology Packet

[Psychology - Change Core Requirements - 21-1066](#). The Psychology Department is changing their program core curriculum. They are removing the differentiation from the graduate study pathway so that there will be one major pathway. They have also removed discussion courses that were offered every other year, as well as the capstone requirement. This streamlining will improve educational equity among students, reduce major units from 45 to 41, and decrease time to graduation for GI 2025. They have also modified several courses and course sequences to improve success bottlenecks. Having one pathway should create a more cohesive undergraduate experience to improve student success and retention. The curricular changes involve three new courses and 13 course deletions/suspensions. The core will consist of 3 LD courses and 6 UD courses representing the major fields within Psychology. There will then be roughly 4 elective courses that students pick based on interest from a long list of UD options.

One notable change that has been exhaustively discussed at ICC is the proposal to make PSYC 109 (Introduction to Psychological Statistics, 4 units) count as LD GE B4 Math. We feel that by requiring PSYC 198 (Supplemental Instruction, 1 unit) to be taken concurrently with PSYC 109 for Category III/IV students, the EO 1110 requirements are met such that PSYC 109 can serve as a B4 course. In Fall 2024, the Psychology Department will present to ICC summary data on Category III/IV student success in PSYC 109; if success is a problem, CDC recommends that PSYC 198 co-requisite be replaced with a new faculty-taught course PSYC 9 (1 unit, 2 hours per week).

### New Courses:

[PSYC - 198 - 21-1054](#). "Supplemental Instruction" (1). This course will be taught by student staff at the Learning Center and will be to support students in PSYC 109 (previously PSYC 241, now titled Introduction to Psychological Statistics, 4 units). This supplemental support will be very important for Category III and IV students.

[PSYC - 342 - 21-1052](#). "Application of Research Methods in Psychology" (4). Course description: "Students learn about the application of the different types of research design and methods used in the field of Psychology. Students will learn how to consider ethics, hypothesis development, study design, data collection, data analysis, interpretation of results, and dissemination of their research." Previously, students took PSYC 242 "Introduction to psychological research design & methodology" (4) that covered foundation and application of research methods. PSYC 242 had a success bottleneck issue and an equity gap issue. So, the program is deleting PSYC 242 and creating a new sequence that will better

support student success. First, students will take 240 "Understanding Research Methods in Psychology" (changing to "Foundations of Research Methods in Psychology" (3)) and then take this new upper division course PSYC 342. This new sequence should address bottleneck and equity gap issues in the program.

[PSYC - 484 - 21-646](#). "Culture and Diversity in Psychology" (3). This course will bring the major curriculum in alignment with national guidelines to support student success. Course description: "The course examines the intersectionality of culture, race, ethnicity, and diversity in the field of psychology. It focuses on how issues of culture and diversity relate to the interpretation and perception of people's experience/beliefs/values as well as how to apply this information in the field of psychology overall."

#### Course Deletions:

[PSYC - 236 - 21-1073](#). "Choices & Changes in Sexuality" (1). Reduce courses required for the major. This course is not in line with current perspectives or research on this topic and has not been taught for quite some time.

[PSYC - 242 - 21-1049](#). "Introduction to Psychological Research Design & Methodology" (4). This course will be replaced by PSYC 342 "Application of Research Methods in Psychology" (4). Making this course upper division will address a success bottleneck issue and support a program change curricular redesign. This change will also remove PSYC 242 as a prerequisite to upper division Psychology courses.

[PSYC - 303 - 21-1087](#). "Family Relations in Contemporary Society" (3). This will have minimal impact on Psychology majors, as the course had only been offered on a 2-yr basis and Child Development offers a similar course on this topic (CD 467, Working with Culturally Diverse Families). This course deletion will also have minimal impact on non-major students, as the department offers alternative upper division Area D courses: PSYC 300 (Psychology of Gender) and PSYC 302 (Psychology of Prejudice).

[PSYC - 304 - 21-1089](#). "Business Psychology" (3). This course has always been taught by an instructor from the Business Administration Department and cross-listed with BA 304. Deleting this course from the Psychology program will have minimal effect on majors because there are many other upper division courses offered, including other upper division Area D GE. The Business department would like to retain BA 304 as a standalone course.

[PSYC - 311D - 21-1030](#). "Human Development Discussion" (2). The research training content from this course will now be covered in the new course PSYC 342 Application of Research Methods in Psychology. Deleting this discussion course will reduce the coursework required



for the major and will therefore decrease time to graduation. They have removed the requirement for a discussion or lab course from the major graduate pathway.

[PSYC - 324D - 21-1048](#). "Cognitive Psychology Discussion" (2). Reduce courses required for the major and time to graduation. This change is part of the program curriculum redesign. Some of the PSYC 324D course content will now be covered in PSYC 342 (new course, "Application of Research Methods in Psychology" (4)).

[PSYC - 335D - 21-1075](#). "Social Psychology Discussion" (2). Reduces courses required for the major and time to graduation. This change is part of the program curriculum redesign. Some of the course content will now be covered in PSYC 342 new course, "Application of Research Methods in Psychology" (4).

[PSYC - 337D - 21-1047](#). "Personality Theory & Research Discussion" (2). Reduce courses required for the major and time to graduation. This change is part of the program curriculum redesign. Some of the course content will now be covered in PSYC 342 new course "Application of Research Methods in Psychology" (4).

[PSYC - 419 - 21-1060](#). "Family Violence" (3). It was only offered every two years and other departments teach related content, so this course deletion should have minimal impacts on students. For PSYC majors, there are many other upper division options to choose from. For PSYC majors seeking a minor in Women's Studies, they will have to take an extra class because previously PSYC 419 could double-count towards major and minor. For Criminal Studies majors, they will have to choose a different course.

[PSYC - 437 - 21-1059](#). "Sexual Diversity" (3). This course is a single-counting DCG-domestic course, but the department offers two other DCG-d courses (PSYC 300 & 302). PSYC Majors will be minimally affected, as there are numerous other upper division course options to fulfill major requirements. Similarly, there will be minimal impact on other majors. PSYC Majors minoring in Multicultural Queer Studies will have to take an additional class, as PSYC 437 could count towards both major and minor.

[PSYC - 496 - 21-1053](#). "Psychology Research Seminar" (3). As part of their program curriculum redesign, the Psychology Department would like to delete PSYC 496 because the content is covered in PSYC 490 "Senior Honors Thesis" (3) or PSYC 495 "Research Practicum in Psychology" (1-4).

Course Suspensions:



[PSYC - 482 - 21-1112](#). To reduce curricular redundancies, the Psychology Department would like to suspend PSYC 482 "Field Study" (1-4), as similar content/training is available via PSYC 499 "Independent Study" (1-3).

[PSYC - 485 - 21-1058](#). As part of their program curriculum redesign, the Psychology Department would like to suspend PSYC 485 "Senior Seminar" (3); in this restructuring, the senior capstone requirement has been removed.

#### Course Changes:

[PSYC - 240 - 21-1028](#). Change the title "Understanding Research Methods in Psychology" to "Foundations of Research Methods in Psychology" to better reflect course content. Add PSYC 109 (previously PSYC 241 "Introduction to Psychological Statistics" (4)) as a corequisite (which can be taken first or concurrently), in addition to the existing prerequisite of PSYC 104 ("Introduction to Psychology" (3) C- or higher).

[PSYC - 241 - 18-228](#). Change course number of PSYC 241 "Introduction to Psychological Statistics" (4) to PSYC 109. This 100-level course will fulfill GE B4 requirements for Psychology majors. To meet EO 1110, Category I and II students will be able to take this course in their second semester. Category III/IV students will take PSYC 109 with a co-requisite PSYC 198. This will be tried for two years and then success assessed. The department is also creating a new Supplemental Instruction class (PSYC 198, 1 unit) that will be taught via students at the Learning Center, and will encourage students to take this course concurrently.

[PSYC - 311 - 21-1072](#). "Human Development" (3). Change the name to "Developmental Psychology" to better align with national guidelines for an undergraduate degree in psychology. Reduce the prerequisites from PSYC 240 (C) ("Understanding Research Methods in Psychology" soon to be changed to Foundations of Research Methods in Psychology") or PSYC 242 (C) ("Introduction to Psychological Research Design & Methodology", soon to be deleted and re-made as PSYC 342 "Application of Research Methods in Psychology") to simply PSYC 240.

[PSYC - 320 - 21-1080](#). "Behavior Analysis" (4). Change prerequisite to solely PSYC 240 "Understanding Research Methods in Psychology" (soon to be changed to "Foundations of Research Methods in Psychology"). Previously, the prerequisite for PSYC 320 had been PSYC 240 (C) or PSYC 242 (C) ("Introduction to Psychological Research Design & Methodology", soon to be deleted and re-made as PSYC 342 "Application of Research Methods in Psychology"). This change will align with program curriculum redesign.

[PSYC - 322 - 21-1090](#). "Learning & Motivation" (3). Change prerequisites to solely PSYC 240 "Understanding Research Methods in Psychology" (soon to be changed to "Foundations of Research Methods in Psychology"). Previously, the prerequisite for PSYC 322 had been PSYC 240 (C) or PSYC 242 (C) (Introduction to "Psychological Research Design & Methodology", soon to be deleted and re-made as PSYC 342 "Application of Research Methods in Psychology"). This change will align with program curriculum redesign.

[PSYC - 323 - 21-1084](#). "Sensation and Perception" (3). Prerequisite change. Previously, prereqs were either PSYC 240 (C) "Understanding Research Methods in Psychology" or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology". PSYC 242 is being deleted and replaced with an upper division version 342, so the program would like to make PSYC 240 the sole prerequisite for PSYC 323 (not a corequisite). This change is part of the program curriculum redesign.

[PSYC - 324 - 21-1091](#). Cognitive Psychology (3). Prerequisite change. Previously, prereqs were either PSYC 240 (C) "Understanding Research Methods in Psychology" or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology". PSYC 242 is being deleted and replaced with an upper division version 342, so the program would like to make PSYC 240 the sole prerequisite for PSYC 324 (not a corequisite). This change is part of the program curriculum redesign.

[PSYC - 325 - 21-1092](#). "Advanced Behavioral Neuroscience" (4). Change prerequisites from PSYC 242 "Intro to Psychological Research Design & Methodology" (4) and PSYC 321 "Intro Behavioral Neuroscience" (3) or ZOOL 310 "Animal Physiology" (4) or BIOL 350 "Cell Biology" (3). Moving forward they want the sole prereq for PSYC 325 to be PSYC 240 "Understanding Research Methods in Psychology", soon changing to "Foundations of Research Methods in Psychology" (3). This is part of the program curriculum redesign and will support proposed changes in research methods courses.

[PSYC - 335 - 21-1094](#). "Social Psychology" (3). Prerequisite change. Previously, prereqs were either PSYC 240 (C) "Understanding Research Methods in Psychology" or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology". PSYC 242 is being deleted and replaced with an upper division version 342, so the program would like to make PSYC 240 the sole prerequisite for PSYC 335 (not a corequisite). This change is part of the program curriculum redesign.

[PSYC - 337 - 21-1095](#). "Personality Theory & Research" (3). Prerequisite change. Previously, prereqs were either PSYC 240 (C) "Understanding Research Methods in Psychology" or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology". PSYC 242 is being deleted and replaced with an upper division version 342, so the program would like to make

PSYC 240 the sole prerequisite for PSYC 337 (not a corequisite). This change is part of the program curriculum redesign.

[PSYC - 345L - 21-1107](#). "Psychological Tests & Measurements" (4). Prerequisite change. Previously, prereqs were either PSYC 240 (C) "Understanding Research Methods in Psychology" or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology". PSYC 242 is being deleted and replaced with an upper division version 342, so the program would like to make PSYC 240 the sole prerequisite for PSYC 345L (not a corequisite). This change is part of the program curriculum redesign.

[PSYC - 411 - 21-1113](#). "Social Neuroscience" (3). Prerequisite change. Current prereqs are PSYC 240 "Understanding Research Methods in Psychology" (3), soon to be changed to "Foundations of Research Methods in Psychology" or PSYC 242 "Intro to Psychological Research Design & Methodology" (4) and PSYC 321 "Intro Behavioral Neuroscience" (3) or BIOL 104 "General Biology" (3) or BIOL 105 "Principles of Biology" (4). PSYC 242 is becoming PSYC 342 "Application of Research Methods" (4) with PSYC 240 as a prereq. So, PSYC 411 prereqs should now be PSYC 342 and PSYC 321 or BIOL 104 or BIOL 105. These changes are part of the program curriculum redesign.

[PSYC - 415 - 21-1083](#). "Psychology of Aging & Older Adulthood" (3). Prerequisite change. Previously, prereqs were either PSYC 240 (C) "Understanding Research Methods in Psychology" or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology". PSYC 242 is being deleted and replaced with an upper division version 342, so the program would like to make PSYC 240 the sole prerequisite for PSYC 415 (not a corequisite). This change is part of the program curriculum redesign.

[PSYC - 438 - 21-1074](#). "Dynamics of Abnormal Behavior" (3). Change course number and title to PSYC 338 "Abnormal Psychology" to better reflect that this course should be taken before senior year and to better align with national guidelines for undergraduate psychology majors. To align with program curriculum redesign, they would also like to remove PSYC 242 "Introduction to Psychological Research Design & Methodology" (4) as a prereq for PSYC 338, as PSYC 242 is being deleted. As such, the sole prereq for PSYC 338 will be PSYC 240 "Understanding Research Methods in Psychology" (soon to be changed to "Foundations of Research Methods in Psychology" (3)).

[PSYC - 490 - 21-1051](#). "Senior Honors Thesis" (3). As part of their program curriculum redesign to improve student success, the Psychology Department would like to add prerequisites to PSYC 490, which currently has no prerequisites. The prerequisite courses will be PSYC 109 (changing from 241, "Introduction to Psychological Statistics" (4)) or STAT

109 "Introductory Biostatistics" (4) or STAT 108 "Elementary Statistics" (3) and PSYC 342, new course, "Application of Research Methods in Psychology" (4).

[PSYC - 495 - 21-1110](#). "Research in Psychology" (1-4). As part of their program curriculum redesign, the Psychology Department would like to change the title of PSYC 495 to "Research Practicum in Psychology" to better reflect the course content and purpose.

[PSYC - 497 - 21-1111](#). "Mentoring" (1-3). As part of their program curriculum redesign, the Psychology Department would like to change the name of PSYC 497 to "Mentoring in Teaching Psychology" to better reflect course content and purpose.

[PSYC - 498S - 21-1093](#). "Community Psychology" (3). Prerequisite change. Originally, prereqs were PSYC 240 (C) "Understanding Research Methods in Psychology" (soon to be changed to "Foundations of Research Methods in Psychology" (3) or PSYC 242 (C) "Introduction to Psychological Research Design & Methodology" (4) (soon to be deleted) to just PSYC 240 (not as a co-req) to be in line with program curriculum redesign.