

Cal Poly Humboldt  
Integrated Curriculum Committee Meeting Minutes  
21/22:12 03/08/2022

Tuesday, March 8, 2022, 9:00am, Zoom

Chair Jill Anderson called the meeting to order at 9:00am on Tuesday, March 8, 2022, via Zoom Meeting ID: 81034195588; a quorum was present.

The meeting was recorded and is available via [this link](#).

**Members Present**

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)

**Minutes from the Meeting of February 8, 2022**

The minutes were approved via general consent

**Approval of the Consent and Voting Action Calendar**

The below proposals were approved via general consent.

**Consent Calendar**

[ENGR - 331 - 21-1552](#). Thermodynamics & Energy Systems I. Update prerequisites in anticipation of the new Engineering programs and the restructuring of the existing ERE program so that none of them require ENGR 211.

Current prerequisites: CHEM 110, MATH 210, and ENGR 211.

Proposed prerequisites: CHEM 110, MATH 210, and ENGR 211 or (ENGR 210 and PHYX 109).

[ENGR - 333 - 21-1559](#). Update prerequisites in anticipation of the new Engineering programs and the restructuring of the existing ERE program so that none of them require ENGR 211.

Current prerequisites: ENGR 211, ENGR 325, MATH 210.

Proposed prerequisites: ENGR 325, MATH 210, and ENGR 211 or (ENGR 210 and PHYX 109).

[Liberal Studies, Child Development/Elementary Education ITEP Concentration, B.A. - Change Concentration/Emphasis Requirements - 22-1566](#). The Child Development department would like to change the name of the Child Development/Elementary Education ITEP concentration under the Liberal Studies, B.A. to **Child Development Special Education, ITEP**. The proposed change of the concentration name will clarify for prospective students as well as graduates that it is a child development concentration with a special education credential. The new title will facilitate recruitment, application for grants and scholarships, and make our graduates more competitive in the job market.

### **MS in Engineering and Community Practice**

Chair Anderson introduced the curriculum and the Resolution for the Senate to the committee. She noted that the language changes proposed last time, to update the catalog copy, have been made.

Cindy Moyer asked for more information on how the final projects will work with what seems like multiple courses across multiple departments and perhaps more than two advisors. Chair Anderson will ask.

Dean Oberlander spoke again about whether it is purposeful that the program doesn't request additional library resources. He would like to know whether the department will ask for IEEE resources later, and if so, they will need to request those funds now, rather than later in the program.

George Wrenn noted that with new faculty coming in for the Poly Tech, they will probably need a lot more library resources, to Cyril's point. He encouraged new program proposals to include requests for additional library resources. Chair Anderson will confirm these questions and get back to the committee.

### **BS in Geospatial Science and Technology:**

Chair Anderson shared the Resolution for the Senate and the rationale for concentration and major. She explained that essentially the justification for keeping both is that the GSB concentration in DSM fits better with students that have a primary interest in DSM and a secondary interest in DSP, and that the proposers will terminate the concentration is the number of students in the concentration continues to decline. She also noted that the word "concentration" will need to be updated to reflect the new term "emphasis," and pointed out that some other minor changes that need to be updated in the MAPS.

Cindy noted there are some typos which she will send along to Chair Anderson.

Jenni Robison noted that the diplomas only list the major name, not the concentration or emphasis.

### **BS in Software Engineering**

Margaret Lang and Cutcha Risling Baldy explained that in their vision, the professors are working collaboratively on the program which would provide the interdisciplinary perspective on what they've been working on. Lang noted that this is a similar model to ENG's capstone class right now in terms of open ended projects and mentorship.

Cindy Moyer suggested that the name could be clearer to indicate what kind of engineering it is and what community it is; Lang explained that this title is normal across other universities to mean that it is an interdisciplinary degree. Lang noted that the branding and recruitment for this program will be important.

### **BS in Geospatial Science and Technology:**

Chair Anderson noted that since the last meeting, includes updating the MAPs for mostly typographical things and a couple typographical issues in the program proposal. The MAPs were also updated to include the missing upper division area C class and to clarify units related to the emphasis / concentration areas. She noted that after all of the discussion of concentrations versus emphasis, the program is going to keep only two concentrations. Last, it now the error reflects accurately that the program will not be listed on the degree, but will be listed on the transcripts.

### **Subcommittee Reports**

APC – Maxwell reported that the amendments to the minors policy will be going to the Senate.

CDC – Lucy reported that the committee will meet after break and will come back with a list of proposals after the next meeting on March 22.

GEAR – Lisa Tremain reported the committee is working on making sure the committee has an interim chair in place for next year while she is on sabbatical. She reported that the committee is working on procedural issues so that the committee can review between 70 and 80 courses per year in any given area. She noted they will have more procedural questions regarding one unit courses and the timeline for review as well as what happens if a program

APPC – Chair Anderson reported the new programs on the agenda constitute the bulk of the work the APPC has been engaged in.

### **BS in Software Engineering**

Chair Anderson explained that this program is also submitting a GE proposal as well, but are still working on getting it into the format of what ICC looking for in terms of presenting it to the CO and for the GEAR committee.

Marissa Ramsier asked if there is a reason only STAT 109 was chosen instead of also STAT 108; Christine Cass suggested it could be because of a one unit difference between the courses.

### **BS in Mechanical Engineering**

Lisa Tremain explained that this is a high unit major which embeds the GE outcomes across the major program, and it now includes the new Area F, Area E and Area A1. The committee feels confident that the current proposal is good to go.

Justus Ortega noted that the program includes a very general Special Topics course, and suggested that they might want to include specific courses such as BOT Mechanics, which might be too far away but it would fall under something like Engineering Design, and would allow for someone interested in getting a Master's in Bioengineering or something of that nature.

### **BS in Energy Systems Engineering**

Anna Thaler noted that there is a pre-requisite error with BIOL 105; the prerequisite is CHEM 109; CHEM 110 is no longer a co-requisite.

### **BS in Applied Fire Science**

Chair Anderson explained that GEAR has reviewed and approved the FIRE 105 proposal, and noted that there are a few typographical errors that will need to be fixed before it goes before Senate. The typographical errors in the MAP are as follows: the four year MAP lists Area F and Area D for the same course, when Area D should have been with a different class; the unit total for the first semester should be a range of 15 to 17 in the two year MAP; the FIRE 123 syllabus lists the prerequisite just as "1, 2, 3," and it should be "FIRE 1, FIRE 2, FIRE 3." Lastly, the wildland restrictive electives are currently listed as a minimum of 3 units when it should be 6.

Discussion ensued around the rationale for proposing such a high unit load for the BS degree with what seems to be little room for elective choices, and whether or not the program is too prescriptive or complementary.