

Chair VerLinden called the meeting to order at 4:05 pm on Tuesday, December 7, 2010, Nelson Hall East, Room 102 (Goodwin Forum). A quorum was present.

Members Present: Altschul, August, Berman, Cheyne, Crowder-Fiore, Ellerd, Faulk, Flashman, Heise, Kelly, Knox, Madar, Mola, Mortazavi, Moyer, Powell, Reiss, Rizzardi, Shaeffer, Snyder, Thobaben, VerLinden, Webb, Yarnall.

Members Absent: Nordstrom, Richmond, Rodriguez, Tripp, Van Duzer, Whitlatch, Wilyer.

Proxies: Shaeffer for Goodman, Reiss for Craig, Kelly for Yzaguirre, Cheyne for Thobaben (1st half).

Guests: Burges, Oliver, Ayoob.

1. Reports, Announcements, and Communications of the Chair

Proxies were announced.

The President and the Provost approved all of the emergency items forwarded to them from the last Senate meeting.

2. Approval of Minutes from the Meeting of November 30, 2010

M/S/P (Mortazavi/Cheyne) to approve the minutes from the meeting of November 30, 2010 as written. Motion passed with 3 Abstentions.

3. Approval of Fall 2010 Graduation List

M/S/U (Yarnall/Cheyne) that the Academic Senate of Humboldt State University accept the final graduation list for Fall 2010 and recommend the graduation of all persons whose names are on that list, subject to the provision that any student whose name is on the list and who has not fulfilled the requirements for graduation, will have her or his name removed from the list and that student shall not graduate.

M/S/U (Yarnall/Mola) to make this an emergency item for immediate transmittal to the President.

4. Approval of Calendar for AY 2011/2012

M/S/P (Cheyne/Moyer) to accept the draft calendar for AY 2011/2012.

Discussion:

- Concern was expressed that the early start of Fall term (mid-August) is disruptive for students who have summer jobs.
- Several senators expressed concern over the length of Thanksgiving break and there was discussion of shortening the Thanksgiving break and offering a mid-semester break. It was unclear to what extent shortening the length of Thanksgiving break would be supported.
- Work is being done on revising the perpetual calendar approved several years ago. Until then, the Senate must approve the calendar on a year-by-year basis.

Voting occurred and the motion passed with 4 Abstentions.

5. TIME CERTAIN: 4:15-4:30 – Open forum for the campus community

Senator Flashman raised several issues he feels the Senate needs to address, including:

- The nature of the general faculty and whether or not a new faculty constitution is needed
- Shared governance (problems of the past have not been resolved)
- Shared vision of the university (the President's and the faculty's vision have not been brought together)
- Level of participation in governance and committees (is the expectation of increasing the level of participation with the proposed university senate structure actually feasible)
- the proposed university senate needs to be well-thought out and not rushed through.

6. Discussion of Draft Documents for University Senate Constitution and Bylaws

The Faculty Affairs Committee (FAC) is working on completing a document for the Senate to review. Only three responses were received to the questions sent out to senators last week and there was limited attendance at the town hall meetings. It was noted that there were some patterns in the feedback received.

A summary, FAQ, and final document will be sent out to the entire campus during finals week, with discussion to start at the beginning of the spring term.

Discussion:

- The FAC has not addressed the issue of a new faculty constitution. The general faculty should vote on: 1) the composition of the new university senate and 2) whether or not to eliminate the general faculty officer positions.
- Voting is not democracy. What is being proposed may be efficient, but it may not be the best alternative. Alternatives should be provided and a democratic conversation undertaken. The consequences of choosing different alternatives need to be clearly understood before a vote is taken. Several options were suggested, including: 1) keep the existing constitution and bylaws, 2) amend Article 5 of the current constitution to create a

university senate or a proportionally representative senate or a delegate senate, 3) replace the current constitution with a new constitution.

- The current General Faculty Constitution (Appendix E, *HSU Faculty Handbook*) provides for General Faculty officers which the Cabinet for Institutional Change (CIC) has recommended eliminating. The university senate model that is being proposed is based on the SDSU model, which is a “delegate” body, i.e., it does not have “proportional” representation. It is basically a faculty senate. The model falls within the framework of HEERA and other faculty constitutions and provides a mechanism for faculty to carry out its responsibilities. The SDSU model was recommended for good reason; it is more effective in processing discussion and leading to action. It also provides a reasonable proportion of different voices in shared governance.
- It was suggested that a General Faculty vote on the proposed university senate be undertaken with the understanding that it would negate the current general faculty constitution and bylaws.

7. Discussion of Draft Guidelines for “Program Review, Evaluation & Planning.”

Dale Oliver, Interim Associate Dean, College of Natural Resources and Sciences and chair of the task force that created the draft guidelines provided background information. The task force consulted with the Assessment Coordinator, Office of Diversity and Inclusion and the Vice Provost as it developed the guidelines.

Currently the program review process is in the second year of an interim process approved for use by the Senate until a revised process was developed. The task force has developed a framework for including many of the reports that are now expected from departments, along with data from the Office of Institutional Research and Planning. Both an annual process and a periodic (every five years) process are proposed. The task force would like feedback from the Senate, i.e., does the draft need more work before it comes back to the Senate for approval.

Discussion:

Q: Does this process require more reports from department chairs than is currently required?

A: There are a few more reports, but they are relatively short. New reports include assessment, progress for diversity and inclusive excellence, and routine resource requests. Currently, the process requires a huge report which is due every 8-10 years. The new process proposes to spread the reporting out over a period of time. It also includes a plan to make the process more transparent by creating an online repository site so that reports can be filed easily and made available to be read by anyone on campus. The intent is to create a more open decision making process, as well to put in place a more deliberate annual planning process.

Work has been done during the interim process to catch up with the backlog of program reviews. The prioritization reports will provide an interim review.

Q: Will there be resources available for external reviews (recommended on page 5)? A: Some programs have external reviews built in through an accreditation process, but most will need to think about how to come up with an external review process that is low cost (e.g., without a site visit, or other kind of alternative).

Q: How do members of the faculty from outside the department interact and provide feedback? A: The external review could be done by faculty on campus and the Integrated Curriculum Committee (ICC) will be involved.

Q: The review and evaluation process is heavily faculty and administration based. Will there be student input? A: There is some discussion of evaluating student learning in the document. Other types of assessment have been discussed, for example, student focus groups. The intent is that departments will plan to gather and use this kind of information. Details for this however have not been included in this draft proposal.

Members of the Senate generally agreed that the framework of the proposal is promising and there is nothing major in it that needs to be re-done. A final recommendation to the Integrated Curriculum Committee needs to be made.

Chair VerLinden reminded members of the Senate of the procedure for approving the final Consent Calendar (items from the ICC) via email.

The meeting was adjourned at 5:56 pm.

Approval of Consent Calendar Items (December 8, 2010)

The following items (sent via email on 12/8/2010) were approved without objection.

E&C Program - Summary:

Environment and Community Masters Program: The E&C Masters program recently began annual admissions. It also scored very high in prioritization. However, since it is an interdisciplinary Masters and classes have always been offered under the designation of the departments participating, it is difficult to track the program institutionally. Therefore, after a faculty retreat, the program decided to create an EC designation for the core courses in the program. The changes below therefore do not reflect a program change but rather the development of specific EC designation for courses presently existing in a variety of departments.

10-080—PSCI 675: Graduate Colloquium - Change course number to EC 615

10-081—NEW COURSE PROPOSAL: EC 620: Economic-Political Dimensions (variable topics) (see below for explanation)

10-082—NEW COURSE PROPOSAL: EC 630: Socio-Cultural Dimensions (variable topics) (see below for explanation)

10-083—NEW COURSE PROPOSAL: EC 640: Ecological Dimensions (variable topics) (see below for explanation)

EXPLANATION FOR 10-081, 10-082, 10-083: The program presently divides its core into three dimensions. Courses offered under these dimensions exist in a variety of departments. The majority of these courses were developed solely to serve the E&C program. The idea of the new course proposal is to create a specific EC number for each of the categories under which a variety of courses can be offered. (Each of the variable topics courses will have its own name. However, the each “framework course” has its own student learning outcomes that will be met in all of the variants of the course.)

Solutions to potential concerns:

- 1) For courses that exist not merely to serve the E&C program but also to serve something in the home department such as SOC 535 Dispute Resolution, that course would continue to be offered under its home department number and accepted by the E&C program as meeting one of the dimensions. All other courses which were developed for the E&C program would be offered under the EC number with the appropriate title
- 2) Concern was expressed by some departments that there would be a loss of FTES as a result of the new system and that in colleges where department resources were distributed by FTES, this could result in a loss of resources. However, a meeting with the deans of CNRS and CAHSS resulted in an agreement to draft an MOU promising that there would be no detrimental effects to department resources as a result of the shift to EC designations and that this MOU would stand for 10 years. *12/7/10 update: The ICC has seen a draft of the MOU and recommended that COPS should be included and that the timeline for the MOU should be considerably shorter than 10 years.*

10-084—NEW COURSE PROPOSAL: EC 680: Special Topics - The program wants to have this in order to offer a course on a trial basis or for transient subject matter (perhaps something by an instructor who will only be here for a limited time, that sort of thing). It is designed to align with the recent rules on Special Topics courses

10-085—NEW COURSE PROPOSAL: EC 690: Master’s Thesis or Project - This course is basically the Thesis course providing students with an opportunity to work on their thesis or project under supervision of their advisor.

10-086—NEW COURSE PROPOSAL: EC 695: Field Research - This course will allow students to pursue investigations in the field relevant to their topics under supervision of their advisor.

10-087—NEW COURSE PROPOSAL: EC 699: Independent Study - This course is designed to provide students with an opportunity to pursue topics of their interest, related to their study, but not presently included in existing offerings. Course will be under the supervision of their advisor.

10-093—PSCI 683: Environment and Community Research - Change the number to EC 610. This course is presently required of all first year MA students in the program and was specifically created for the program although it has a PSCI designation. The change is being made with the

approval of the PSCI department to reflect the fact that the course always has served the E&C program

Geography

09-427 Geography Major Program Change

09-428 GEOG 106M – Title Number C-class changes to 106L

09-429 GEOG 311M - Title Number C-class changes to 311L

Present situation: - Currently, Geography department requires majors to take a minimum of four upper division “depth experience” courses designated “M” (as 1-unit co-requisites).

Proposed change: - Reduce the number of required in-depth- “M” courses from four to two for Geography majors and convert two of the M courses 106M and 311M to 106L and 311L.

Geography program requests changes to two required classes:

- Geography 106M (Physical Geography Depth Experience) to be replaced by Geography 106L (Physical Geography Laboratory) [1-unit, C-2 (lecture) to C-16 (lab)].
- Geography 311M (Geographic Research and Writing) to be replaced with Geography 311L (Geographic Research and Writing) [1 unit, C-2 (lecture) to C-16 (lab)].

Provides opportunity for more in-depth lab experience for these courses. No unit load change for students, but changes increase contact hours and WTU for faculty teaching 106L and 311L. (New WTU for the course with lab will be 3+2=5 (up from 4)).

Chemistry Program (& Courses) Changes

Physical Chemistry Courses:

09-365 CHEM 360 - Fundamental Physical Chemistry [5 units] – New course. Replaces CHEM 361/362/363 and CHEM 364/367. Spring 2011 [will be] offered as special topic course. Change in response to Prioritization – essentially combine courses to increase enrollment. Physical Chemistry required for ACS certification. [reduces WTU from 10&5 WTU to 6 WTU] No new faculty/resources required.

Suspend existing Physical Chemistry courses due to low enrollment (replaced by new CHEM 360)

09-367 CHEM 361 Physical Chemistry [3 units]

09-368 CHEM 362 Physical Chemistry [3 units]

09-369 CHEM 363 Physical Chemistry Lab [2 units]

09-370 CHEM 364 Introductory Physical Chemistry [3 units]

09-371 CHEM 367 – Introductory Physical Chemistry Laboratory [1 unit]

09-372 CHEM 370 Global Climate Change - Change name to Earth System Chemistry. Changing title and description related to changes in tenure track faculty and broadening of course content.

09-373 CHEM 410 – Inorganic Chemistry – change prerequisites to accommodate new physical chemistry course and number (CHEM 360)

09-374 CHEM 441 – Instrumental Analysis – change prerequisites to accommodate new physical chemistry course and number (CHEM 360)

(Note: 09-366 CHEM 340: Symbolic Computation in the Sciences – delete course - was already approved in Spring 2010.)

09-376 Chemistry BS Program Change

- Add CHEM 323 NMR Techniques [1 unit] course to requirements (Previously hidden)
- Delete required CHEM 340 Symbolic Computation in the Sciences [2 units] (cross-listed with PHYX 340 – suspending course due to low enrollment. Most Chemistry majors enter the program with sufficient computer skills. Advisors will evaluate each student's computer preparation. If a student needs a computer literacy course, it can be required as the advisor-approved "elective").
- Delete CHEM 361 Physical Chemistry [3 units], CHEM 362 Physical Chemistry[3 units], CHEM 363 Physical Chemistry Lab [2 units] – Replace with CHEM 360 Fundamental Physical Chemistry [5 units]
- Change upper division "elective" courses from a total of at least 4 units to at least 3 units.
- Units change from 76 to 71 for the major.

09-377 Chemistry BS – Biochemistry Option Program Change

- Add CHEM 323 NMR Techniques [1 unit] course to requirements (Previously hidden)
- Delete CHEM 340 Symbolic Computation in the Sciences [2 units] (cross-listed with PHYX 340– suspending course due to low enrollment. Most Chemistry majors enter the program with sufficient computer skills. Advisors will evaluate each student's computer preparation. If a student needs a computer literacy course, it can be required as the advisor-approved "elective").
- Delete requirement of one of physical chemistry series: CHEM 364 Introductory Physical Chemistry [3 units] and CHEM 367 Introductory Physical Chemistry Lab [1 unit], or CHEM 361 Physical Chemistry [3 units], CHEM 362 Physical Chemistry[3 units], and CHEM 363 Physical Chemistry Lab [2 units] – Replace with CHEM 360 Fundamental Physical Chemistry [5 units]
- Deletes six units (CHEM 340, 364, 367) adds six units (CHEM 323 and CHEM 360)
 - o CHEM 323 was a "hidden" requirement previously (concurrent enrollment with 322)
- Actual units taken reduced by 1-unit (previously-hidden) [85 units for major, 127 for degree]

09-378 Chemistry BA Program Change

- Add CHEM 323 NMR Techniques [1 unit] course to requirements (Previously hidden)
- Delete requirement of one of physical chemistry series: CHEM 364 Introductory Physical Chemistry [3 units] and CHEM 367 Introductory Physical Chemistry Lab [1 unit], or CHEM 361 Physical Chemistry [3 units], CHEM 362 Physical Chemistry[3 units], and CHEM 363 Physical Chemistry Lab [2 units] – Replace with CHEM 360 Fundamental Physical Chemistry [5 units]
- Change language "Plus additional approved courses to bring total units in upper division chemistry to 25" [from 24]- to reflect previously hidden unit.
- No change in total units [48 for major, 91 for degree]

09-379 Chemistry Minor Program Change

- Add CHEM 323 NMR Techniques [1 unit] course to one of four possible upper division “sequences”
- Delete CHEM 361/362/363 sequence; replace CHEM 364 [3 units] & CHEM 367 [1 unit] with CHEM 360 [5 units] in upper division sequence.
- In list of approved courses:
 - o Delete CHEM 321/322 Organic Chemistry – from the list of approved upper division units approved for all students. Removes a duplication of the courses that are already part of an approved sequence of courses students can select. (Students can also take more than one of the approved sequences.)
 - o Add CHEM 330 Molecular modeling
 - o Add CHEM 370 Earth System Chemistry
 - o Add CHEM 421/422 Advanced Organic Chemistry/Lab
- Delete references/descriptions to/of CHEM 361-362, CHEM 364, CHEM 363, CHEM 367

09-430 GEOG 351 – Physical Geography Lab - Change course number to GEOG 473L and description to “Introduction to geographic research techniques in a laboratory setting.” Aligning course number with upper division physical geography “topics” course (GEOG 473). Generalizes course description to fit the physical geography topic being covered for the semester.

09-438 Spanish program change - Spanish BA and Spanish Education option combine into single Spanish Program. This is achieved primarily by requiring both SPAN 401 Hispanic Civilization: Spain and SPAN 402 Hispanic Civilization: Latin America and moving them into the core. (Spanish majors formerly took one or the other. Essentially, the former Spanish Education course core will now be the core for the Spanish BA.) Increases upper division units from 44 to 48 for “Spanish,” but keeps 48 units of former “Spanish Education.” Maintains CTC certification of program. No change in frequency of course offerings.

10-277 Delete Spanish Education Option The Spanish Ed program is being absorbed into the Spanish degree.

09-432 Wildlife program change – Wildlife Conservation & Management option

Substitute NRPI 425 Environmental Impact Assessment [3 units] for NRPI 325 Environmental Law & Regulation [3 units]. Identified through SLO assessment that students in option need better training in terminology, policies, and processes of NEPA (National Environmental Policy Act) & CEQA (California Environmental Quality Act) environmental laws. Through consultation with EMP Chair, identified that NRPI 425 better addresses these issues. Students pick one of three courses, WLDF 302/PHIL 302 Environmental Ethics or WLDF 309/PHIL 309 Case Studies in Environmental Ethics or NRPI 425, as part of upper division requirements. Indicated capacity exists to accommodate additional students in NRPI 425. EMP Chair confirmed that the course content of WLDF 210 Introduction to Wildlife Conservation & Administration is adequate to meet the recommended preparation (of currently listed NRPI 325). No change to units for major.

09-433 Wildlife program change – Conservation Biology/Applied Vertebrate Ecology

Add BIOL 340 - Genetics [4-units] to list of courses that fulfill “genetics” course in degree requirements. Currently: BIOL 345 Genetics with Population emphasis **or** FISH 474 Genetic Applications in Fish Management. Biology is currently unable to offer BIOL 345 due to staffing, and BIOL 340 sufficiently addresses curricular content needed. BIOL 345 and 340 both 4 units with prereqs of BIOL 105 and STAT 109. Biology and Fisheries consulted and changes can be accommodated. The Wildlife program has been using Major Contracts to approve BIOL 340 as the Genetics course for several years.

09-457 FOR 432 Silviculture – Course change - FOR 432 Silviculture [4 units] is a core course for programs in Forestry. Adds prerequisite of FOR 331 – Silvics:Foundation of Silviculture [4 units] to existing prerequisite of FOR 311 – Forest Mensuration & Growth [4 units]. Change will enforce what was intended in course sequencing. Request also disallows FOR 311 to be taken at the same time as FOR 432 (making FOR 311 a “true” pre-requisite for FOR 432). No changes to units or frequency of offerings. No change to 4-year plans.

Supplemental Biology Study Courses – (in place of Special Topics -80 designation):

10-001 ZOOL 198 Supplemental Instruction – New Course Proposal - Course in place of BIOL 180A, (offered Sp 2010:18 students) and supplements ZOOL 110 – Introductory Zoology or any other future introductory zoology course. Designed to increase student success in introductory biology courses. Collaborative study led by paid undergraduate student leader in collaboration with Learning Center. Course equivalent (180A) is currently offered, no additional resources needed.

10-002 BIOL 198 Supplemental Instruction – New Course Proposal - Course in place of BIOL 180A, (offered Sp 2010:21 students) and supplements BIOL 105 – Introductory Biology or any other future Introductory Biology course. Designed to increase student success in introductory biology courses. Collaborative study led by paid undergraduate student leader in collaboration with Learning Center. Course equivalent (180A) is currently offered, no additional resources needed.

10-003 BOT 198 Supplemental Instruction – New Course Proposal - Course in place of BIOL 180A, (Sp 2010:41 students) and supplements BOT 105 – Introductory Botany or any other future Introductory botany course. Designed to increase student success in introductory biology courses. Collaborative study led by paid undergraduate student leader in collaboration with Learning Center. Course equivalent (180A) is currently offered, no additional resources needed.

BIOL 102:

10-124 BIOL 102-Human Biology - New Course Proposal – New 3 unit lower division GE Area B (Life Science) – lecture-only course for non science majors (with optional lab for those who do not meet lab requirement elsewhere, i.e., in Phys Sci GE course). Would replace one of four sections of BIOL 104-General Biology [3 units-2 lecture + 1 lab] offered annually with new BIOL 102 course. Current lecturer available to teach course. Difficult to predict impacts to Biology enrollments or other programs. Appears to be a demand for such a course in some programs: Anthropology, Social Work (possibly), Liberal Studies/Elementary Education, but others will

require the existing BIOL 104 course (e.g., Nursing), so Kinesiology, Nursing, students will be excluded.

10-125 BIOL 102L – Human Biology Lab – New Course Proposal - Optional [1-unit] lab to correspond with new BIOL 102 course. 2-3 sections per year anticipated (coming from reduction in BIOL 104L offerings). Transfer students who need lab only (for GE) would be able enroll with IA (if completed appropriate lecture course).

Geology proposals

09-401 Geology BS Program Change

09-402 Geology BA Program Change

09-403 Geology BA – Geosciences Option Program Change

Clean-up of items left over from large curriculum change last year.

- In order to support students who changed majors, Geology previously proposed allowing GEOL 108 Dynamic Earth [3 units] combined with GEOL 399 Supplemental Work in Geology [1 unit] to count as equivalent to the GEOL 109 General Geology [4 units] requirement. With further thought, they have decided this is a bad idea. For the very few students who enter the program after completing GEOL 108, advisors will adjust their requirements as needed with the Major contract. With the change, the option to take GEOL 108 and 399 will be removed; only GEOL 109 will remain in the list of course requirements.
- Add math code 30 prerequisite to GEOL 109.
- Add GEOL 554 Advanced Geology Field Methods to list of accepted Area of Specialization Courses.
- Number, title, description changes to GEOL 322 (described below).

09-404 Minor in Geology Program Change - Clean-up of items left over from large curriculum change last year.

- Remove GEOL 108 Dynamic Earth [3 units] combined with GEOL 399 Supplemental Work in Geology [1 unit] as equivalent to GEOL 109 General Geology [4 units]. Misapplication of GEOL 399 which is designed as lab “make-up” for transfer students that have lecture course, but need to gain intro geology lab experience. GEOL 108 already contains a lab experience.
- Add math code 30 prerequisite to GEOL 109.

09-405 GEOL 109 Prerequisite change

- Add math code 30 prerequisite to GEOL 109 General Geology to strengthen preparation of enrolling students.

09-406 GEOL 322 Stratigraphy & Sedimentation

Number, title, and course description change. Requested changes were intended to be part of large curriculum change made last year, but was inadvertently missed.

- Course number change to GEOL 332 brings it into alignment with new numbering scheme.
- Name change to: “Sedimentary Geology” reflects broader scope of course that, through faculty retirement, is no longer taught by Stratigrapher.
- Course description change reflects the broader content.

Anthropology

09-411 ANTH 280: Statistical Reasoning - Delete course. Course is no longer taught in department. Students take a department approved statistics course usually from Math.

09-424 ANTH 485: Senior Seminar - Change course title to Anthropology Seminar

10-067 ANTH 331: Paleoanthropology - Change the mode from C3, 3 units to C5, 4 units to bring into alignment with other courses. While this course exists in the catalog under this number, it has been offered under special topics as a 4 unit course 5 times in the last 10 years. Says that content requires 4 units of time and that it is more appropriately called a seminar course

10-069 ANTH 410: Anthropological Theory - Change course title to Anthropology Capstone and change course description to stress recent theory. Add prerequisite of ANTH 310 (this is a required framework course)

10-073 ANTH 332: Forensic Anthropology [NEW COURSE PROPOSAL] - C5, 4 units. Course has been offered on an experimental basis under ANTH 339 Special Topics every fall for a decade, is very popular and is generally full. Because this course was already being offered, there is no additional cost involved.

10-008 NRPI 420 Ecosystem Analysis - Change prerequisites from Soil 260 – Introduction to Soil Science [3 units] & Biol 330 – Principles of Ecology [4 units] to Soil 260 & BIOL 330 and FOR 230 – Dendrology [3 units] or BOT 350 – Plant Taxonomy [4 units]. The FOR 230 or BOT 350 prerequisite was inadvertently dropped during other changes made recently.

Adding FOR 230 to the prereqs for NRPI reflects a change in the program requirements for that option -- FOR 230 recently replaced BOT 350 as a required course for the Planning option in EMP. Having "FOR 230 or BOT 350" listed as the prereq (in addition to Soils and Ecology) will accommodate students who started in that option back when BOT 30 was the requirement as well as newer students who started after FOR 230 replaced BOT 350. Also, sometimes because of scheduling conflicts, students end up taking BOT 350 as an alternate to FOR 230, which we allow, so having both listed as prereqs will make it easier for those students as well.

09-084 History Program Change – increase 300-level “History Pathway” units from 20 to 24 so that students take an additional [4 unit] upper division course. Better prepares students. Better aligns with other CSU programs (which require 6-10 courses). Increases major unit requirements from 41 to 45.

Music:

09-357 Program Change for Composition Option. Changing from 4 semesters MUS 438 (Studio Comp, Advanced) and 1 semester 324 (Contemporary Composition) to an option of taking 3 semesters of 438 and 2 semesters of 324. This should allow for faster rate to graduation and save the department some money as studio lessons are more costly than classes. Will increase the major units by 1 if students choose to go w/the new alternative.

09-358 MUS 324 change repeat limit to 2 times from 1. This change will have minimal impact on the student's overall experience in pursuing the Composition Option because in MUS 324 they will still be working one-to-one with a composition instructor (although for less time) and composing new works that can be used for completing the degree.

09-362: Environmental Systems Grad Changes

Changes to Core:

Eliminate SCI 501: Graduate Orientation (1 unit) – this course did not have sufficient content to warrant one unit. The program will continue to orient students, but not for credit.

Eliminate SCI 697: Topics in Environmental Systems: - the course has not been taught for over four years. The course will be replaced in various ways in different options.

Remove STATS 630: Data Collection and Analysis from core – this course will remain a requirement for all options except ERE.

Changes to Energy, Environment, and Society Option - Change name to "Energy, Technology, and Policy" to better describe the program and to avoid confusion with the Environment and Community MA in Social Science. Add one more elective course (to a new total of 4) to replace SCI 697. Require STAT 630. The total number of units in the option remain the same.

Changes to the Environmental Resource Engineering Option - Replace SCI 697 with the choice of one of the following: ENGR 532, GEOG 473, or ENGR 545? Change requirements from "Up to 6 units for thesis work may be applied to the degree" to "Up to 5 units of thesis or project work may be applied to the degree" in order to permit students to complete either a project or a thesis. STAT 630 will not be required. The requirement for a total of 30 units for the degree will not be changed.

Changes to the Geology Option: SCI 697 will be replaced by electives. Require STAT 630. The requirement for a total of 30 units for the degree will not be changed.

Changes to the Mathematical Modeling Option: Replace SCI 697 with "an approved elective from outside the mathematics department to support thesis research (3-4 units)." Require STAT 630.

09-240: ENGR 700: Prof Dev. In Engr – reactivate course. This is a course used for continuing education credits for professional engineers. Typically the course will be offered exclusively through Extended Education.

09-464: English: Teaching the Language Arts Program Change – after years of negotiation, the California Commission on Teacher Credentialing approved this revision of the English Teacher Preparation Curriculum. The ICC supports retaining a CCTC-approved English major, and thus recommends approving the curricular revisions.