

San Diego State University Senate Minutes
October 1, 2013
AL 101
2:00 p.m.-4:30 p.m.

The Senate was called to order at 2:02 p.m.

Members present:

Academic Senators (CSU): Eadie, Ornatowski, Wheeler [Absent:]

Arts & Letters: Abdel-Nour, Blanco, Borgstrom, Csomay, Donadey, Esbenshade, Grajeda-Higley (for Del Castillo), Mattingly, McClish, Moore, Osman, Putman. [Absent: Kamper]

Business: Ely, Fleming. [Absent: Chan, Plice, Zheng]

Coach: Van Wyk.

Education: Alvarado, Bezuk, Butler-Byrd, Duesbery, Graves

Engineering: Beyene, Valdes, Venkataraman. [Absent: Walsh.]

Health & Human Services: Nip, Pruitt-Lord, Rasmussen, Rauh, Verity [Absent: Chowdhury.]

IVC: Cordero.

Lecturers: Aste, Goehring, Justice, Williams

Library: Rhodes. [Absent: Salem.]

MPP I & II: Richeson.

Parliamentarian: Snavely

PSFA: Cirino, Geist-Martin, Moran, Snavely, Testa [Absent: Durbin, Spilde]

Sciences: Atkins, Bowers, Deutschman, O'Sullivan, Schellenberg, Torikachvili, Ulloa, [Absent: Bergdahl, Beck, Matt, Papin, Wolkowicz]

Staff: [Absent: Aguilar, Baxter, Evans.]

University Services: [Absent: Rivera]

Administration: Chase, Welter [Absent: Marlin, Shapiro]

Emeritus: [Absent: Shackelford.]

Associated Students: Bain, Chan, Kim, Morse.

California Faculty Association: Toombs.

Guests: Packard

1. Agenda (Goehring)

MSP Approved amended agenda for October 1, 2013.

2. Minutes (Goehring)

The minutes had not been posted for sufficient time.

3. Announcements (Eadie)

Announced his appreciation for all the support. Thanked Senate and officers for help at the last meeting.

4. Academic Affairs (Benkov – for Marlin)

Benkov: Census data: Only 32 FTEs over target. Out of state and international are up, which is good because they bring revenue. We have maintained our overall diversity status with 37.6% as white, everyone else identifying as student of color or international. Dean searches are progressing. Engineering deans have been interviewed, College of Business search has gone forward. Provost search committee has been formed. Strategic plan is moving forward. Working groups are meeting. Hopefully good progress has been made.

Discussion:

Senator Wheeler: Last year we agreed to allow funds to be moved from colleges to central administration to fund searches. This made sense at the time. Do you have a sense for the future so funds return to colleges and departments? **Benkov:** Do not know but will pass to the right person. **Chair Barbone:** How many course sections are offered per term? (**Benkov:**

Over 10,000). **Senator Donadey:** Two to three years ago, when we discussed local area student percentages versus non local, we decided that no fewer than 37% of students would be from the local area. Has it dropped below this percentage? Answer: No.

Senator Snavelly: Is that 37% of in-state students? (Answer: Yes). That's why it may appear lower because we have increased percentage of out-of- state students. Percentage of overall students has increased, so it appears that in-state is less, but that is not the case. **Chair Eadie:** We can admit international and out-of-state students when we hit our in-state targets. Pointing out that of the percentage of students being funded by the state, we have at least 37% are from local area. There was almost no out-of-state enrollment when the decision was made. **Senator Donadey:** I believe that last year we had 42% of the students from the local area. **Senator Chase:** AP&P has already been apprised of the percentage of local area students and is meeting soon. **Chair Eadie:** There were some anomalies this year: We lost a number of the eligible compact scholars who were admitted but did not come. We will find out why they chose not to come.

5. SEC Report (Osman)

Vice Chair Osman: We are working on two referrals: Making Sense of General Education, and contexts of learning/course quality issue.

Discussion:

Senator Putman: What is the process for these referrals, and why is it taking so much time?

Chair Eadie: We are working with SEC on these two referrals. The referrals will be refined and adopted at the next SEC meeting. **Senator Putman:** Should the contexts of learning

referral go to a task force? It seems to be too much for one committee. A task force drawn from several committees might be more appropriate. **Vice Chair Osman:** Yes, a task force would be appropriate. **Senator Putman:** Can the SEC enforce and implement the bike path

initiative? Currently there is no miles per hour posted, so it is too dangerous now. There is definitely no enforcement right now. **Chair Eadie:** Currently, the policy is not officially

approved. There is still ongoing negotiation with the unions. **Senator Rollins:** Both went to meet and confer at the Chancellor's office level. **Senator Putman:** What about bike racks?

Senator Richeson: They are putting more bike racks out there. They are being as aggressive as possible about this. **Senator Chan:** AS has noticed problems, and its University Affairs

board has safety issues on their agenda. **Senator Wheeler:** General agenda had GE. Can you [Chair Eadie] speak about what you had in mind? **Chair Eadie:** We are in process of

drafting a referral on it. We asked the Undergraduate Council and the renamed General Education curriculum sub-committee to collaborate in helping faculty and students understand

General Education. GEs should be something students are not just trying to get through, but can be something meaningful and useful. GEs can be potentially life-changing. Students often

lack context about general education. This referral can help faculty as well. There is no assessment at this point, as that process will occur during the preparation of materials for

WASC reaccreditation. It will be helpful to have discussion for WASC, and a recommendation from the Undergraduate Council. The motive is not to tear up General

Education, but is rather tied to student success.

6. Elections

Enhancing Campus Climate and Culture for Persons with Varying Abilities

Staff position: Cyndie Chie elected by acclamation

Faculty position: Caren Sax

7. Old Business

8. New Business: Action Items

8.1 Academic Calendars (Chase)

Action:

This item has been pulled from the agenda for additional consultation.

8.2 ASCSU (Ornatowski)

Governor Brown has so far failed to designate a faculty trustee. Several CSUs have already passed resolutions. Currently the faculty have no voice on the CSU Board of Trustees.

Action:**Appointment of a Faculty Trustee to the California State University Board of Trustees**

WHEREAS: The University Senate of San Diego State University recognizes the vital role of the Faculty Trustee in maintaining shared governance with the California State University (CSU), and

WHEREAS: The CSU Board of Trustees is currently without a Faculty Trustee, despite the nomination of two duly elected, qualified candidates by the Academic Senate of the California State University, therefore be it

RESOLVED: That the University Senate of San Diego State University urge Governor Brown to appoint a CSU faculty trustee without further delay; and be it further

RESOLVED: That this resolution be distributed to Governor Brown, the CSU Board of Trustees, Chancellor White, the Academic Senate of the CSU, and campus Senates.

RATIONALE: The Faculty Trustee plays a vital role in the shared governance of the CSU. In accordance with California Education Code Sections 66600-66609, the Academic Senate of the California State University (ASCSU) forwarded the names of two duly elected nominees for Faculty Trustee to Governor Brown on March 21, 2013. Since then, the ASCSU passed several resolutions of concern regarding the absence of Faculty Trustee on the CSU Board of Trustees, including AS-2911-09/FGA, *Concern over Delay in Governor's Appointment of CSU Faculty Trustee*; AS-2986-10/FA, *A Call for Governor Brown to Appoint a Faculty Trustee*; and AS-3065-12/EX (Rev), *Appointment, Confirmation and Service of Trustees to the California State University (CSU)*. However, to date, Governor Brown has not appointed a Faculty Trustee, leaving CSU faculty without a voice on the Board and thus compromising shared governance within the CSU.

Discussion:

Senator Wheeler: In past, Chancellor's office may have resisted such a resolution. But in this case it would be a welcome resolution to bring pressure to the Governor.

Senator Beyene: Such a resolution might appear combative. Would it be more appropriate to send polite letter. **Chair Eadie:** We already have sent a letter.

Wheeler: Point of information: Letters can be sent in addition to this resolution and would lend additional weight.

Senator Ornatowski: Just to clarify, resolutions are the primary rhetorical genre to engage this issue, because it can be referred to in future correspondences. Letters are more informal.

Motion carries.

8.3 Committees and Elections (Rhodes)

Additional nominees:

Disability Access & Compliance Committee

Addition: Anne Graves

Environment and Safety
Addition: Linn Bekins
Faculty Affairs
Addition: Jennifer Imazeki
Instructional and Information technology
Addition: Khalil Mohammed
International Programs
Addition: Aldoff Lenkoff
Undergraduate Council:
Addition: Carolyn Baber

Open Faculty Committee Seats:

Corrections

Diversity equity and outreach – need someone from College of Business

Environment & Safety – there is one

Faculty Affairs – Delete

Graduate Council – Delete

Graduate Council (AL and HHS) – Delete

Instructional and Informational Technology – Delete

The good news is that those positions have been filled.

Discussion:

Senator Putman: Can we nominate from the floor? Nominated himself for Campus Development.

Senator Snavelly: We need two faculty members on the student grievance committee.

Senator Cirino: nominated self

Senator Williams: nominated self

Senator Atkins: I am the College of Science representative for Undergraduate Curriculum Committee.

Action:

The Committee on Committees moves approval of the following appointments:

Academic Resources and Planning

Donna Conaty (May 2014)

Campus Development

Ed Aguado (reappointment, term ends May 2016)

Elisa Sobo (September 2013-May 2016)

Steven Kiczek (September 2013- May 2016)

Committee on Committees and Elections

Claudiu Dimofte (term ends May 2014)

Constitution and ByLaws

Khaled Morsi (reappointment, terms ends May 2016)

Disability Access and Compliance Committee

Anne Graves (term ends May 2016)

Environment and Safety

Marilyn Hall (September 2013-May 2016)

Faculty Affairs

Joanna Brooks (Sept 2013-May 2016)

Tom Packard (reappointment, term ends May 2016)

Faculty Honors and Awards

Elizabeth Pollard (term ends May 2016)

Freedom of Expression

Madhavi McCall (reappointment, term ends May 2016)

Suzanne Finch (reappointment, term ends May 2016)

Mark Wheeler (reappointment, term ends May 2016)

Mark Freeman (reappointment, term ends May 2016)

General Education Curriculum Sub-Committee

Laurel Bliss replacing Vinod Sasidharan as chair (term ends May 2016)

Graduate Council

Joanne Lobato (term ends May 2016)

Marva Cappello

Kelley Crockett (term ends May 2016)

Intercollegiate Athletic Council

Presidential Appointee- Susan Cayleff

John Putman (term ends May 2016)

Library

Staff- Edward DiBella (reappointment term ends May 2016)

Student Learning Outcomes

Mike Sabath

Undergraduate Curriculum

Christine Probett (term ends May 2016)

Luke Duesbery (term ends May 2014)

Larry Verity (term ends May 2014)

Steve Barbone (reappointment, term ends May 2016)

The Committee on Committees and Elections moves approval of the following individuals to serve as committee CHAIRS for the academic year 2013/2014:

Douglas Deutschman (Sciences) – CHAIR, Committee on **Academic Resource and Planning**

Eniko Csomay- CHAIR, Committee on **Constitution and Bylaws**

Penelope Quintana- CHAIR, Committee on **Environment and Safety**

Tom Packard- CHAIR, Committee on **Faculty Affairs**

Mark Siprut- CHAIR, **Committee on Instruction and Information Technology** (term ends December 2013)

Sonya Pruitt-Lord- CHAIR, Committee on **Library**

Cynthia Park –CHAIR, Committee on **Student Affairs**

Student Nominations

Constitution and Bylaws

Corey Polant (Reappointed)

Diversity, Equity, & Outreach-

Samantha Hernandex

Freedom of Expression-

Nadir Bouhmouch

Intercollegiate Athletic Council-

Hunter Nicholas, Student Athlete Advisory Council (SAAC) President

Graduate Council

Alicia Morris (Masters Graduate Rep)

Kathryn Patras (Doctoral Graduate Rep)

Library

Jessica Riley

Student Research

Savanna Tierney

Czarinah Paco

Sustainability

Joshua Garman (Reappointed)

Undergraduate Council

Christopher Lara-Cruz (Reappointed)

Carolyn Baber (Septemer 2013- May 2016)

University Senate

Matthew Bain (Undergraduate Representative)

Faculty Resignations

Committee on Committee and Elections

Faculty BUS Congcong Zheng

Diversity Equity and Outreach

Faculty BUS Beth Churng-Herrera

Faculty SDSU-IV- Eric Boime

Faculty Affairs

Faculty SCI- Matt Anderson

Open Faculty Committee Seats:

Campus Development (Faculty-1)

Diversity, Equity and Outreach (HHS)

Diversity, Equity and Outreach (SDSU-IV)

Environment and Safety (Faculty-2)

Extended Studies (BUS)

Extended Studies (SDSU-IV)

Faculty Affairs (Faculty-1)

Graduate Council (AL)

Graduate Council (HHS)

Instructional and Information Technology (ENG)

Instructional and Information Technology (SDSU-IV)

Instructional and Information Technology (LIB)

Instructional and Information Technology (SCI)

Instructional and Information Technology (Faculty-2)

International Programs Council (Faculty-2)

Library (EDU)

Library (HHS)

Library (SDSU-IV)

Library (PSFA)

Library (SCI)

Staff Affairs (Faculty-1)

Student Affairs (Faculty-1)
Student Grievance (Faculty-2)
Undergraduate Council (EDU)
Undergraduate Curriculum (SDSU-IV)
Undergraduate Curriculum (SCI)

Motion carried.

8.4 Faculty Affairs (Packard)

Action Item #1:

The Faculty Affairs Committee recommends the following changes in the Temporary Faculty Periodic Evaluation policy:

Temporary Faculty, Periodic Evaluation of

1.0 Temporary faculty who have been hired for both semesters of an academic year shall be evaluated in the spring semester. Each department or school shall develop procedures and criteria for periodic performance appraisals of temporary faculty. Evaluation criteria and procedures shall be made available to the temporary faculty member no later than 14 days after the first day of instruction of the academic term.

1.1 Evaluation shall occur before temporary hiring decisions for the following fall semester are made.

1.2 The evaluation of full-time temporary faculty employees with teaching duties shall include student evaluations of teaching performance, peer review by a department or school committee, and evaluations by administrators. The departmental review may also consist of a review of class syllabi, in-class observations, or other materials related to teaching effectiveness.

1.3 The evaluation of part-time temporary faculty employees with teaching duties shall include student evaluations of teaching performance, evaluations by administrators or department chair or school director, and the opportunity for peer evaluation from the department or school.

1.4 When classroom visits are utilized as part of the evaluation process, the faculty member shall be provided a notice of at least 5 days that a classroom visit is to take place. There shall be consultation between the faculty member being evaluated and the individual who visits his/her class(es).

2.0 Full-time and part-time temporary faculty employees appointed for one semester or session shall be evaluated at the discretion of the department chair or school director, the appropriate administrator, or the department or school. The employee may request that an evaluation be performed.

3.0 Faculty employees, students, academic administrators and the President may contribute information to the evaluation of a faculty employee. Only tenured faculty employees and academic department administrators shall engage in deliberations and make recommendations to the President (or designee) regarding the evaluation of a faculty employee.

4.0 The employee shall be provided with a copy of the periodic evaluation by the peer review committee chair, ~~and the appropriate administrator using the five-day filing date notice procedure.~~ Evaluations shall be signed by the appropriate administrator(s) and the peer review committee chair.

5.0 A written record of periodic evaluation shall be placed in the employee's Personnel Action File, and a copy of the evaluation given to the employee.

6.0 Temporary faculty eligible for an initial three-year appointment or a successor three-year appointment shall undergo a cumulative periodic evaluation.

6.1 This evaluation shall include student evaluations of teaching performance for those with teaching duties, peer review by a committee of the department or equivalent unit and evaluations by appropriate administrators.

6.2 The evaluation shall rate the temporary faculty unit employee as either satisfactory or unsatisfactory. Satisfactory ratings may include narrative comments including constructive suggestions for development.

6.3 For an initial three-year appointment, this periodic evaluation shall consider the employee's cumulative work performance during the six-year period as defined in Article 12.12 of the CBA. For a subsequent three-year appointment, this periodic evaluation shall consider the employee's cumulative work performance during the entire three-year appointment.

6.4 An initial or subsequent three-year appointment shall be issued if the temporary faculty unit employee is determined by the appropriate administrator to have performed in a satisfactory manner in carrying out the duties of his/her position.

6.5 The determination of the appropriate administrator shall be based on the contents of the Personnel Action File and any materials generated for use in any given evaluation cycle pursuant to Article 15.8 of the CBA.

2.6 Where the appropriate administrator determines that a temporary faculty unit employee has not performed his/her duties in a satisfactory manner, then the reasons for his/her determination shall be reduced to writing and placed in the Personnel Action File.

Rationale:

--revision aligns policy with current Unit 3 CBA

Motion carries

Action Item #2:

The Faculty Affairs Committee recommends the following changes in the Promotion policy:

1.4 Promotion

1.41 A tenured faculty employee shall normally be considered for promotion after having served four years in the same rank or classification. ~~U, although upon application and with a positive recommendation from the department or school,~~ a faculty employee may be considered for promotion to professor, librarian equivalent, or SSPAR Level III before serving ~~four years in the same rank or classification~~ **this full period.**

Rationale:

--revision aligns policy with current Unit 3 CBA language and clarifies wording

Motion carries

Action Item #3:

The Faculty Affairs Committee recommends the following changes in the Temporary Faculty Range Elevation policy:

Temporary Faculty: Range Elevation

1.0 Eligibility: Temporary faculty employees (excluding coaches) shall be eligible for range

elevation if they (a) are not eligible for additional Salary Step Increases (SSIs) in their current range and (b) have been employed in their current range for at least five years.

2.0 Criteria: To be considered for range elevation an applicant

- a. Shall present evidence of excellence in teaching or other assigned duties, and
- b. Shall be allowed to present evidence of professional development or significant contributions to service in the department or school, college, university, or community.

3.0 The application shall consist of a memorandum including (a) the applicant's request, (b) a complete curriculum vitae, and (c) a summary of contributions to the university and community since initial appointment or last range elevation, whichever is more recent.

4.0 Procedures

4.1 Annually the Office of Faculty Affairs shall publish a schedule of deadlines for application, review, and notification. At least thirty (30) days prior to the commencement of the annual campus range elevation process and no later than March 1, the ~~college Office of Faculty Affairs~~ shall notify those lecturers who may be eligible for range elevation.

4.2 Applications shall be submitted to the department chair or school director; a copy shall be submitted to the dean. The chair or director shall obtain a recommendation from the unit, shall add a recommendation, and shall forward the application and both recommendations to the dean.

4.3 The dean shall provide written notification to the applicant of his or her recommendation. The Office of Faculty Affairs shall provide the official notification to the applicant.

4.4 Range elevation applications that are denied may be appealed to the Office of Faculty Affairs.

Rationale:

--revision aligns policy with university practice

Motion carries

8.5 Graduate Council (Balsdon)

Action:

WOMEN'S STUDIES

1. New certificate program.

Advanced Certificate in Lesbian, Gay, Bisexual and Transgender Studies (Certificate Code: xxxxx) (SIMS Code: xxxxxx)

The advanced certificate in Lesbian, Gay, Bisexual, and Transgender (LGBT) Studies is open to matriculated students to advance one's knowledge in sexual and gender identity, and increase understanding of the diverse cultural, historical, ethnic/racial, and contemporary experiences of people across sexualities. The focus is on the changing nature of same-sex desire, sexual behavior, and same-sex relationships from antiquity to the present. Courses focus on emerging LGBT subcultures and identities from a global perspective. Throughout the program of study, we will carefully consider the full range of genders, sexualities, races, ethnicities, classes, physical abilities, religions, and political persuasions that characterize current LGBT movements and communities.

Courses are designed to provide students with a comprehensive, integrated, and scholarly education. The certificate also exposes students to community service and activism via a large selection of internships.

A certificate in LGBT Studies prepares students for a large variety of careers. Students can work in LGBT non-profit agencies, law, local and national politics, health care settings, counseling centers, journalism, news media, theatre, film, fine arts, and education.

The advanced certificate requires 12 units, to include Lesbian, Gay, Bisexual and Transgender 598 and nine units from English 519, 525, 550, 563*, 625*, 725*; History 583*, 640*; Liberal Arts and Sciences (MALAS) 601 *; Religious Studies 581 *; Women's Studies 535, 606, 608, 610. A minimum of six units are required at the 600- or 700-level. Additional courses are acceptable with approval of the adviser. Courses in the certificate program may be applied to a master's degree (if applicable) with approval of the adviser. For further information, contact the graduate adviser at 619-594-6662 or visit <http://lgbt.sdsu.edu/>

*With adviser approval

Motion carries

8.6 Undergraduate Curriculum (Barbone)

Action:

WOMEN'S STUDIES

1. New certificate.

Certificate in Women's Studies (Offered through the College of Extended Studies)

This certificate, offered to non-degree seeking students, is designed to provide additional training for individuals in fields involved in education, health care, community activism, social service agencies and others concerned with issues and concerns relevant to women's lives. This will increase their understanding of women in the humanities, health, and social sciences, as well as become proficient in understanding basic theories unique to the discipline. Completion of the program offers diverse ways for students to develop knowledge of how women have lived, worked, thought, resisted, created knowledge, and engaged in cultural activism. This comes through discipline-specific expertise from faculty with a variety of backgrounds, as well as the experience of interdisciplinary studies.

Certificate Requirements:

1. Complete 12 semester units (four courses) with a grade point average of 2.75 or better.
2. Enroll in WMNST 590 (fall) or 536 (spring) in first semester of the program.
 3. No more than one 300-level course may be taken for the certificate program.
4. Petition the College of Extended Studies for the certificate upon completion of the 12 units.

Required Courses for the Certificate Program

In the first semester, Women's Studies 536 or 590. Select three additional courses from either the women's studies overview or health emphasis.

1. Women's Studies Overview

WMNST 310, 336, 340, 341A-B, 352, 370, 375, 385, 512, 515, 530, 535, 560, 570, 580, 581.

2. Health Emphasis

WMNST 325, 360, 382, 520, 522, 540, 565, 572, 582, 597.

The Program

The Women's Studies certificate offers two emphasis areas: a women's studies overview and a health emphasis. Four courses are required for the certificate. Either WMNST

590 offered each fall semester or WMNST 536 offered in the spring, must be taken in the first semester, followed by three courses in one of the emphasis areas (total of 12 units).

No more than one 300-level course may be taken for the certificate program. WMNST 597 option may be discussed with the program adviser. WMNST 597 can only be taken in the final semester of study and can expand options to include special areas of interest. Or the WMNST 597 option may be used for any travel-study opportunity offered by the department.

Any courses listed under the health emphasis may be taken to fulfill the women's studies overview.

The Faculty

Members of the women's studies faculty are active scholars who have distinguished themselves in various scholarly fields. They have contributed substantially to feminist criticism and theory in professional journals and books, at international meetings and in professional organizations. Faculty members are also very active in the community. For more information visit <http://www-rohan.sdsu.edu/~wsweb/faculty.htm>.

Enrollment Information

Participants will enroll in regular upper division SDSU Women's Studies classes (300- and 500-level) through the College of Extended Studies. Before being admitted to the program, students must meet with an adviser to map out the most suitable array of courses. Admission applications may be obtained from the College of Extended Studies. Applications may be submitted prior to entering the program or before the completion of six semester units of coursework.

Discussion:

Is it open to matriculating students? **Senator Mattingly:** No, it is only for non-matriculating students since matriculating students can get a minor.

Motion carries

9. New Business: Consent Calendar (Committee Reports)

MSP To receive the reports on the Consent Calendar.

9.1 Academic Policy and Planning (Schellenberg)

Information:

APP unanimously approved the following Curricular Proposals and Changes in Program:

13-11 Linguistics
13-44 Liberal Studies
13-57 MS Biomedical Quality Systems

9.2 Academic Resources and Planning (Deutschman)

Information:

1. Douglas Deutschman, Sciences, was elected Committee Chair for 2013-14.
2. The committee reviewed the Proposed 2013/14 Campus-Based Lottery Budget. Information was provided to the committee on previous year allocations and expenditures and

this data was used to analyze the current year allocations. The proposed Lottery Budget was approved, specific allocations are listed below.

Proposed 2013/14 Campus-Based Lottery Budget

Program	Projected Budget
Enrollment Services	\$173,402
Imperial Valley Campus	\$20,000
Undergraduate Studies – FSMP	\$240,400
Undergraduate Studies - Advising	\$72,400
College of Education	\$70,000
Instructional Technology Services	\$15,000
Instructional Equipment Replacement	\$1,693,578
Reserve for 6% Administrative Fee	\$149,220[1]
Total	\$2,434,000[2]

[1] Estimated total 6% Administrative fee to be paid in 2013/14

[2] Excludes \$30,000 allocated to Student Affairs, EOP Future Scholar-Scholarships

3. Approved Liberal Studies degree changes (13-44).
4. Approved deletion of Master Degree in Biomedical Quality Systems (13-57).
5. The committee revised and approved the 2013-14 ARP Annual Agenda.
6. Reviewed and discussed one-time funding requests from Academic Affairs, Student Affairs and University Relations prior to the PBAC meeting 9/12.

Discussion:

Senator Wheeler: Is there a referral chart? **Chair Eadie:** No, there is none currently.

9.3 ASCSU (Ornatowski)

Information:

Lack of Faculty Trustee

The second BOT meeting opened on Sept. 24 without a faculty trustee, due to the Governor's failure to appoint one of the two candidates elected by the ASCSU (see resolution AS-3141-13/EX below)

Bachelor's degrees at Community Colleges

Associate Vice-Chancellor Christine Mallon reported that a group of community colleges have initiated steps to grant bachelor's degrees. The ASCSU responded with a resolution opposing the idea (resolution AS-3143-13/AA).

Chancellor White's Meeting with the ASCSU

Below is a brief selection of Chancellor's White's comments on some pending issues:

On bachelor's degrees offered by Community Colleges:

Opposes baccalaureate degrees by CCs. Does not think CCs have the infrastructure or the capacity, and building such would be a waste of resources, which should go to the CSU. Considers increasing capacity in the CSU most important, esp. increasing graduation rates ("degree production," "CA needs more degrees").

On the San Jose-Udacity experiment:

There is no innovation without mistakes. We "need every arrow we can get into our quiver for delivering education," "we have to have the courage to experiment," "if we do not make mistakes we are not trying hard enough."

On switching CSU quarter campuses to semesters:

The "advantage [of switching quarter campuses to semesters] is being able to *share the curriculum across campuses.*" (emphasis added).

On the Access to Excellence academic plan:

Sees nothing wrong with the plan. Does not see a need to come up with a different one. Sees himself as a pragmatic problem-solver, not planner: "My job is to get the resources into the system."

On delay in the appointment of faculty trustee by the Governor:

Would like to see another faculty trustee appointee (without a vote) to ensure smooth transition in the future. Will pay for Bernadette Cheyne (immediate past trustee, one of two current trustee candidates waiting to be approved by the Governor) to attend the BOT meeting in order to have at least "non-formal" faculty representation.

Resolutions

At the May 15-17, 2013 ASCSU plenary, four resolutions were passed with a first reading waiver.

AS-3141-13/EX Concern over Delay in Governor's Appointment of the CSU Faculty Trustee

Expresses concern over the Governor's delay in appointing the Faculty Trustee to the CSU BOT and requests that the Governor appoint one of the trustee candidates as soon as possible.

AS-3142-13/FA Addressing the Urgent Need for Tenure Track Faculty in the California State University

AS-3143-13/AA Baccalaureate Degrees Offered by Public Institutions of Higher Education in the State of California

Asserts that any baccalaureate degree offered by a public institution of higher education in the State of California should be limited to the California State University or the University of California.

AS-3144-13/APEP Support for Continuation of the Early Assessment Program (EAP)/ Standardized Testing and Reporting (STAR) Testing for College and Career Readiness Indicator Assessment until the Full Transition to Smarter Balanced Assessment

Five resolutions received their first reading

AS-3145-13/EX Changes to the Bylaws of the Academic Senate

Requests ASCSU approval of editorial (not substantive) changes to the ASCSU Bylaws

AS-3146-13/FGA Legislative Advocacy Principles of the Academic Senate of the California State University (ASCSU)

Spells out several principles to guide advocacy efforts by ASCSU senators and committees.

AS-3147-13/AA Support for the Extension of the Statway Curriculum Pilot Program as an Alternative for Establishing Proficiency in Quantitative Reasoning

Endorses the recommendations of the Chancellor's General Education Advisory Committee (GEAC) regarding a two-year extension for the two-semester (or quarter equivalent) Statway curriculum as an alternative for achieving proficiency in quantitative reasoning.

AS-3148-13/FGA Legislative Advocacy Guidelines for the Academic Senate of the California State University

Spells out guidelines for ASCSU advocacy efforts.

AS-3149-13/FGA California State University Board of Trustees Proposed 2014-15 Support Budget

Expresses ASCSU support for the Board of Trustees 2014-15 Proposed Support Budget, which requests a \$250 million augmentation to the CSU budget, more than what has been promised (\$142.2 million) by the governor for 2014-15 in his multi-year plan.

Copies of this and other resolutions may be found at

<http://www.calstate.edu/AcadSen/Records/Resolutions/>. Faculty are encouraged to provide feedback on the above resolutions as well as on any other matters of potential concern to the CSU Academic Senate to the SDSU academic senators Bill Eadie (weadie@mail.sdsu.edu), Cezar Ornatowski (ornat@mail.sdsu.edu), and Mark Wheeler (wheeler1@mail.sdsu.edu).

Additional Information

ASCSU website: <http://www.calstate.edu/AcadSen/?source=homepage>. Includes committee information, approved agendas/minutes, reports, resolutions, current contact information.

Faculty-to-Faculty, ASCSU Newsletter: Published approximately two weeks after each plenary. Includes chair's report, committee reports, invited articles on current events, and committee recommendations. Subscribe (delivered automatically via email) at <http://www.calstate.edu/AcadSen/Newsletter/>

9.4 CFA (Toombs)**Information:**

CFA Report:

"Reopener" salary increase

We began the term with the good news that the CFA Bargaining Team came to an agreement with the CSU in the "Reopener" bargaining for a faculty salary increase. All faculty members -- including all full- and part-time instructional faculty, Librarians, Counselors, and Coaches - - will receive a modest salary increase, retroactive to July 1. In addition, we were able to hold off CSU attempts to increase faculty health care costs. The reopener pay increase -- and the retroactive payment -- should appear in paychecks later this fall.

Successor bargaining for our new contract

We now have "Successor" bargaining ahead of us for our new faculty contract. Our current contract expires on June 30, 2014, and our entire contract will be open for negotiation. (It's

possible we may face more attempts by the CSU to increase faculty health care costs.) This month we begin the process of gathering input from the faculty on your bargaining priorities. We will host a Bargaining Information meeting for all faculty members on October 1, 11:30am-1pm, with CFA Bargaining Team members on hand to discuss the process and hear your input. More details will be provided soon. In addition, the CFA Bargaining Team wants to hear from CFA members about your priorities during the next round of contract talks. Please go to the CFA webpage to fill out the 2013 CFA Bargaining Survey: calfac.org. As in the past, the survey is for CFA members only. If you are not a member, please join. However, non-members may send input to: bargainingideas@calfac.org

CFA campus membership

Our campus CFA membership rate both for tenured/tenure-track faculty members and long-term Lecturers has hit nearly 70%. Reaching this percentage is significant as we enter into contract bargaining, as a high membership rate increases our clout at the bargaining table. If you are not yet a CFA member, a membership form will soon arrive in your mailbox and I hope you will join.

CFA Contact Information

Please feel free to contact our campus California Faculty Association office at any time if we can provide assistance, whether on a contract rights issue or other matter. Our campus CFA chapter has a Faculty Rights Committee, composed of faculty volunteers, and we are available to talk with faculty colleagues about individual situations and assist in resolving issues. We can be reached at cfa@mail.sdsu.edu or x42775.

9.5 Graduate Council (Balsdon)

Information Item #1:

BIOLOGY

1. Change in course prerequisite.

Biology

BIOL 542. Chemical Ecology (3)

Prerequisites: Biology 203, 203L, 204, 204L, and Chemistry 201.

Ecology of chemical signals involved in organismal interactions in aquatic and terrestrial ecosystems. Focal organisms range from plankton, to plants, to mammals. Chemical ecology studies and experiments.

Change: New prerequisites better match course requirements.

CHICANA AND CHICANO STUDIES

1. Change in course prerequisite.

Chicana and Chicano Studies

CCS 554. United States-Mexico Transborder Populations and Globalization (3)

Prerequisite: Upper division or graduate standing.

An interdisciplinary analysis of the US-Mexican border population. Demographic dynamics and social change in border communities. International migration and transmigration. Transborder families and transnational families. Gender, class, and racial systems in border communities.

Change: Former recommended prerequisite, CCS 355, is not applicable to the CCS major.

COMPARATIVE LITERATURE

1. New course.

Comparative Literature

ECOCRITICISM (C-2)

CLT 570. Ecocriticism (3)

Prerequisites: Six units in literature and/or creative writing.

Environmental topics in literature and culture to include ecocritical theory, history, and practice. May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units.

ENGLISH

1. New course.

English

EARLIER LIT HISTORIES (C-4)

ENGL 510. Earlier Histories of British and American Literature (3)

Prerequisites: Six lower division units in literature and/or creative writing.

Historical movements and developments in English language literature before 1800. May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units.

2. New course.

English

LATER LIT HISTORIES (C-4)

ENGL 511. Later Histories of British and American Literature (3)

Prerequisites: Six lower division units in literature and/or creative writing.

Historical movements and developments in English language literature after 1800. May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units.

GEOGRAPHY

1. Division of existing course. Change in prerequisite and description.

Geography

REMOTE SENSING (C-2)

GEOG 591. Remote Sensing of Environment (3)

Prerequisite: Geography 101, Environmental Sciences 100, Sustainability 100. Recommended: Physics 180A-180B. Undergraduate students must be concurrently enrolled in both Geography 591 and 591L. Graduate students may take Geography 591L either concurrently or any time after completion of Geography 591.

Acquiring and interpreting remotely sensed data of environment. Electromagnetic radiation processes, aerial and satellite imaging systems and imagery. Geographic analysis of selected human, terrestrial, and marine processes and resources. (Geography 591 and 591L were formerly numbered Geography 587.)

Change: Existing Geography 587 course is being divided into lecture (3 units) and laboratory (1 unit).

2. Division of existing course. Change in prerequisite and description.

Geography

REMOTE SENSING LAB (C-15)

GEOG 591L. Remote Sensing of Environment Laboratory (1)

Three hours of laboratory.

Prerequisite: Geography 101, Environmental Sciences 100, Sustainability 100. Recommended: Physics 180A-180B. Undergraduate students must be concurrently enrolled in both Geography 591 and 591L. Graduate students may take Geography 591L either concurrently or any time after completion of Geography 591.

Practical exercises, introductory processing, visual interpretation and mapping of remotely sensed imagery. (Geography 591 and 591L were formerly numbered Geography 587.)

Change: Existing Geography 587 course is being divided into lecture (3 units) and laboratory (1 unit).

3. Division of existing course. Change in prerequisite and description.

Geography

INTERMEDIATE REMOTE SENS. (C-2)

GEOG 592. Intermediate Remote Sensing of Environment (3)

Prerequisite: Geography 385, 591, and 591L. Undergraduate students must be concurrently enrolled in both Geography 592 and 592L. Graduate students may take Geography 592L either concurrently or any time after completion of Geography 592.

Digital image processing. Thermal infrared and microwave imaging systems and image interpretation principles. Geographic analysis of selected human, terrestrial, oceanographic, and atmospheric processes and resources. (Geography 592 and 592L were formerly numbered Geography 588.)

4. Division of existing course. Change in prerequisite and description.

Geography

INT. REMONTE SENSING LAB. (C-15)

GEOG 592L. Intermediate Remote Sensing of Environment Laboratory (1)

Three hours of laboratory.

Prerequisite: Geography 385, 591, and 591L. Undergraduate students must be concurrently enrolled in both Geography 592 and 592L. Graduate students may take Geography 592L either concurrently or any time after completion of Geography 592.

Digital image processing, visual interpretation and mapping of thermal infrared and microwave imagery. (Geography 592 and 592L were formerly numbered Geography 588.)

LEARNING DESIGN AND TECHNOLOGY

1. Change in course rubric.

Learning Design and Technology

LDT 532. Producing Digital Learning Media (1-3)

Two hours of activity per unit.

Digital learning media production for professionals in health, law, science, business, publishing, and other settings. Use of web- and video-based technologies, presentation, and data analysis tools for training and education. Not open to students in educational technology master's degree or certificate programs. (Formerly numbered Educational Technology 532.)

Change: New course prefix to reflect departmental name change.

2. Change in course rubric.

Learning Design and Technology

LDT 540. Educational Technology (3)

Six hours of activity.

Rationale, foundations, theories, careers, trends, and issues in educational technology. Implications of educational technology for instruction and information in schools, government, and corporations. (Formerly numbered Educational Technology 540.)

Change: New course prefix to reflect departmental name change.

3. Change in course rubric.

Learning Design and Technology

LDT 541. Educational Web Development (3)

One lecture and six hours of laboratory.

Prerequisite: Basic computer literacy.

Systems, graphic design, and usability principles applied to design and development of web-based educational multimedia. Planning and prototyping digital media. (Formerly numbered Educational Technology 541.)

Change: New course prefix to reflect departmental name change.

4. Change in course rubric.

Learning Design and Technology

LDT 544. Instructional Design (3)

One lecture and six hours of laboratory.

Prerequisites: Learning Design and Technology 540 and 541.

Systematic design of products for education and training. Use of analyses and content mapping to set instructional goals. Instructional methods derived from learning theories for use in schools, universities, corporations, and other settings. Rapid prototyping of instructional products. (Formerly numbered Educational Technology 544.)

Change: New course prefix to reflect departmental name change.

5. Change in course rubric.

Learning Design and Technology

LDT 561. Advanced Web-Based Multimedia Development (3)

Six hours of activity.

Prerequisites: Learning Design and Technology 540 and 541.

Educational visualization with digital video, animation, sound, 2D and 3D graphics for mobile and web-based learning. (Formerly numbered Educational Technology 561.)

Change: New course prefix to reflect departmental name change.

6. Change in course rubric.

Learning Design and Technology

LDT 570. Advanced Teaching with Technologies (3)

Prerequisite: Learning Design and Technology 470 or equivalent work experience.

Design of project-based and problem-based learning using Internet resources. Constructivist learning with online databases. Collaboration with distant classrooms and experts. (Formerly numbered Educational Technology 570.)

Change: New course prefix to reflect departmental name change.

7. Change in course rubric.

Learning Design and Technology

LDT 572. Technology for Course Delivery (3)

One lecture and six hours of laboratory.

Prerequisites: Learning Design and Technology 540 and 541.

Use of technology to support planning, presenting, and managing instructor-led courses. Strategies for integrating audience response systems, collaborative tools, and social software into courses. (Formerly numbered Educational Technology 572.)

Change: New course prefix to reflect departmental name change.

8. Change in course rubric.

Learning Design and Technology

LDT 596. Topics in Educational Technology (1-3)

Selected problems in educational technology. May be repeated with new content. See *Class Schedule* for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor's degree. Maximum credit of six units of 596 applicable to a bachelor's degree. Credit for 596 and 696 applicable to a master's degree with approval of the graduate adviser.

Change: New course prefix to reflect departmental name change.

PHILOSOPHY

1. New course.

Philosophy

PHILOSOPHY OF FILM (C-2)

PHIL 543. Philosophy of Film (3)

Prerequisites: Completion of the General Education requirement in Explorations of Human Experience IV.C., Humanities.

Investigation into metaphysical, aesthetic, and epistemological dimensions of film. Narration, authorship, cognitive and emotional engagement, social and philosophical ramifications.

2. New course.

Philosophy

A MAJOR PHILOSOPHICAL TRADITION (C-4)

PHIL 576. A Major Philosophical Tradition (3)

Prerequisites: Completion of the General Education requirement in Explorations of Human Experience IV.C., Humanities, or graduate level standing.

Focused study of a major philosophical tradition (e.g. Platonism, Confucianism, Positivism). May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units applicable to the major. Maximum credit six units applicable to a master's degree.

3. New course.

Philosophy

A MAJOR PHILOSOPHICAL PROBLEM (C-4)

PHIL 577. A Major Philosophical Problem (3)

Prerequisites: Completion of the General Education requirement in Explorations of Human Experience IV.C., Humanities, or graduate level standing.

Focused study of a major philosophical problem (e.g. the problem with evil, the problem of other minds, the existence of God). May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units applicable to the major. Maximum credit six units applicable to a master's degree.

4. New course.

Philosophy

PHILOSOPHICAL METHODS (C-4)

PHIL 578. Philosophical Methods (3)

Prerequisites: Completion of the General Education requirement in Explorations of Human Experience IV.C., Humanities, or graduate standing.

Focused study of major philosophical methods (e.g., uncertain inferences and non-bivalent logics, phenomenological method, deconstruction). May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units applicable to the major. Maximum credit six units applicable to a master's degree.

POLITICAL SCIENCE

1. Change in course description.

Political Science

POL S 507. Marx and Marxism (3)

Prerequisite: Three units in political theory.

Marxism examined as an important tradition of political thought and as a political movement. Theoretical and political debates in the development of Marxism, including works by Marx, Engels, Luxemburg, Lenin, and Trotsky. Contemporary significance of Marxism.

Change: New description provides greater specificity regarding course content.

2. Change in course title and description.

Political Science

POLITICS OF INTL LAW (C-4)

POL S 577. Politics of International Law (3)

Relationship of international law to politics. Fundamental principles of international law and normative theories of international law and politics. Historical and contemporary issues.

Change: Revisions better reflect course content

WOMEN'S STUDIES

1. Change in course title and description.

Women's Studies

FEMINIST SCIENCE & ACTIVISM (C-2)

WMNST 582. Feminist Science and Activism (3)

Prerequisite: Three upper division units in women's studies.

Feminist science studies to examine role of public in creating and challenging scientific knowledge. Case studies of activism and science. May include HIV/AIDS, the environment, sex differences, women's health, and technology.

Change: Revisions better reflect developments in the discipline and the expertise of new faculty.

Information Item #2:

1. Change in unit value.

Biology

BIOL 600. Seminar (1-3)

Prerequisite: Consent of instructor.

An intensive study in advanced biology. May be repeated with new content. See *Class Schedule* for specific content. Maximum credit six units applicable to a master's degree.

Change: Change from 2-3 units (variable) to 1-3 units, to reflect current instructional needs.

ENGLISH AND COMPARATIVE LITERATURE

1. Change in program.

Master of Fine Arts Degree in Creative Writing

Admission to the Degree Curriculum

STUDENTS WILL BE ADMITTED TO THE M.F.A. IN CREATIVE WRITING ONLY IN THE FALL SEMESTER AND COMPLETE APPLICATIONS MUST BE RECEIVED NO LATER THAN FEBRUARY 1.

In addition to meeting the general requirements for admission to San Diego State University with classified graduate standing, as described in Part Two of this bulletin, a student must satisfy the following requirements before being recommended for classified graduate standing.

The applicant must possess a baccalaureate degree in creative writing, or in English with a focus in creative writing, or an approved affiliated field, with a grade point average of not less than 3.0 overall in the last 60 units of study attempted, with a 3.25 undergraduate grade point average in the major, and a 3.5 average in those courses considered prerequisite for the M.F.A. focus the student elects.

If deficient, the applicant must complete undergraduate requirements commensurate with the proposed focus in the M.F.A. program.

The applicant normally must achieve a minimum score of 300 on the Graduate Record Examination, with a minimum of 156 on the verbal section.

**Specific Requirements for the Master of Fine Arts Degree in Creative Writing
(Major Code: 15071) (SIMS Code: 112121)**

In addition to meeting the requirements for classified graduate standing, candidates for the M.F.A. in creative writing must complete a 54-unit graduate program, 39 of which must be in courses numbered 600 and above as follows:

1. **Creative Writing Research Focus.** Student to select one 24-unit research focus as follows:

A. Fiction

18 units of ENGL 750F.

Six units in another genre of creative writing.

B. Poetry

18 units of ENGL 750P.

Six units in another genre of creative writing.

2. **Literature Research.** An 18-unit literature research component divided as follows:

A. Three units selected from the following:

ENGL 630 Form and Theory of Poetry (3)

- ENGL 631 Form and Theory of Fiction (3)
- B. Nine units in American, British, or comparative literature, or an appropriate modern language literature selected with the approval of the M.F.A. adviser.
- C. Six units selected from the following:
- ENGL 700 Seminar: A Major Author or Authors (3)
 - ENGL 724 Seminar: Issues in British Literature (3)
 - ENGL 725 Seminar: Issues in Literature of the United States (3)
 - ENGL 726 Seminar: Issues in Comparative Literature (3)
 - ENGL 727 Seminar: Issues in Children's Literature (3)
 - ENGL 784 Seminar: Creative Non-Fiction (3)
 - ENGL 796 Internship (3) Cr/NC
- OR**
- ENGL 798 Special Study (3) Cr/NC/RP with consent of instructor.
3. Six units of electives selected with consent of adviser.
4. **Thesis.** Six units in preparation of the thesis; a book-length creative work. Select A. or B.:
- A. Thesis
 - ENGL 797 Thesis Research (3)
 - ENGL 799A Thesis (3) Cr/NC/RP
 - B. Manuscript
 - ENGL 791A Seminar in MFA Manuscript: Poetry (3)
 - ENGL 791B Seminar in MFA Manuscript: Fiction (3)

Change: Incorporation of changes to the GRE scoring system, allow MFA students to study children's literature for credit, and incorporate into the programmatic descript new coursework pathways to the completion of the thesis.

LINGUISTICS

1. Change in prerequisite.

Linguistics

LING 655. English for Specific Purposes and Content-Based Instruction (3)

Prerequisite: Linguistics 550.

Theory, practice, and history of these two related approaches to ESL/EFL.

Change: Deletion of Linguistics 420 and 501 as prerequisites, not necessary.

2. Change in prerequisite.

Linguistics

LING 657. Foundations of Language Assessment (3)

Prerequisite: Linguistics 550.

Fundamental principles and goals of language assessment and language assessment research: characteristics of assessment methods; analyzing test tasks; designing test items; describing test scores; approaches to estimating reliability; validity and validation; authenticity and impact.

Change: Deletion of Linguistics 650, 652 or 653 as prerequisites, not necessary.

3. Mode of instruction change.

Linguistics

LING 740. Internship in English as a Second Language and Foreign Language Teaching (3) Cr/NC

Prerequisite: Linguistics 550.

Internship in teaching English as a second language and English as a foreign language, offering work experience with practicing professionals.

Change: The staffing formula (C-78) has been changed to that for non-traditional instruction from lecture as this better reflects the instruction provided. Instructor meets the internship students (typically varies from zero to five per semester) a number of times during the semester after setting up the student in the ESL class that will serve as internship site. The instructor also creates assignments for the students, which are then graded and discussed with the student(s) individually. The instructor also corresponds with the ESL Teacher at the internship class about the intern's needs and performance. As such, the sort of instruction provided is non-traditional and is not regular lecture instruction.

4. Change in program.

**Specific Requirements for the Master of Arts Degree
(Major Code: 15051) (SIMS Code: 114701; TESOL Applied 114705)**

In addition to meeting the requirements for classified graduate standing and the basic requirements for the Master of Arts degree, as described in Part Four of this bulletin, the student must complete a graduate program of at least 30 units of 500-, 600-, and 700-level courses to include Linguistics 502, 503, and 795 (a prerequisite to Linguistics 502 and 503 is completion of Linguistics 501 or equivalent). A minimum of 15 of the units must be from 600- or 700-level courses. Linguistics 505 does not count toward unit requirements for the Master of Arts degree in Linguistics.

Students selecting the General Linguistics specialization must complete either Linguistics 621 or Linguistics 622, and six units from the following: Linguistics 610, 620, 640, 654, 660, 696 (with general linguistics content).

Students selecting the TESOL/Applied Linguistics specialization must complete Linguistics 652, 656, and at least six units from the following: Linguistics 650, 653, 655, and 657. An internship, Linguistics 740, is required of all students selecting this specialization who have not taught ESL previously.

(No change to remainder of program description.)

Change: Linguistics 505 does not count toward unit requirements for the M.A. degree in Linguistics. Linguistics 656 has been added as a required course. Linguistics 623 has been replaced with Linguistics 657. Delete computational linguistics specialization.

5. Change in program.

**Advanced Certificate in Teaching English as a Second or Foreign Language
(TESL/TEFL)
(Certificate Code: 90035) (SIMS Code: 114786)**

The Department of Linguistics and Asian/Middle Eastern Languages offers a Basic and an Advanced Certificate in Teaching English as a Second or Foreign Language (TESL/TEFL). The Advanced Certificate requires Linguistics 652; two courses from Linguistics 650, 653, 655, and 657; and one course from Linguistics 530, 622, 651, 654 and 795 (when offered with applied linguistics content). Students must obtain a 3.0 GPA overall in the courses for the advanced certificate. The prerequisite for the Advanced Certificate is the Basic Certificate or its equivalent. A student's entire program comprising Basic and Advanced Certificates must include at least one course from Linguistics 430, 530, and 622. Under certain circumstances comparable courses taken at other institutions may count toward the

certificate. Such courses must be evaluated and approved by the certificate adviser. For information on the Basic Certificate, please see the *General Catalog*.

Change: Linguistics 657, a course on language assessment, has been included as a possible elective. Linguistics 795 (the seminar with applied linguistics content) is now only found as an option in one area ("one course from Linguistics 530, 622 and 795"). The sentence, "A student's entire program comprising Basic and Advanced Certificates must include at least one course from Linguistics 530, 622, and 623." has been changed to "A student's entire program comprising Basic and Advanced Certificates must include at least one course from Linguistics 430, 530, and 622."

POLITICAL SCIENCE

1. Change in prerequisite.

Political Science

POL S 630. Seminar in Politics (3)

Prerequisite: Graduate standing.

Process by which individuals and groups make demands upon political decision makers; emphasis on the styles, structures, and channels and consequences of interest articulation. Maximum credit six units applicable to a master's degree.

Change: Remove six upper division units in political science, three units of which must come from political science courses 320 through 335; 422 through 436; 531.

2. Change in prerequisite.

Political Science

POL S 655. Seminar in General Comparative Political Systems (3)

Prerequisite: Graduate standing.

The field of comparative politics, including historical developments, major theoretical approaches, substantive concerns, uses and limitations of the comparative method, methodological innovations in study of foreign political systems..

Change: Remove Political Science 555, and three additional upper division units in political science.

3. Change in prerequisite.

Political Science

POL S 661. Seminar in the Political Systems of the Developing Nations (3)

Prerequisite: Graduate standing.

Theoretical analysis of political development, modernization and industrialization in the emerging nations. Search for valid generalizations about the non-Western political process. Political trends and developments in the developing nations.

Change: Remove six upper division units in political science.

4. Change in course title and prerequisite.

SEM: LATIN AMER POLITICS (C-5)

POL S 667. Seminar in Latin American Politics (3)

Prerequisite: Graduate standing.

Political developments in selected Latin American nations. May be repeated with new content. Maximum credit six units applicable to a master's degree.

Change: Remove Political Science 555 or 566. Minor update of title.

PSYCHOLOGY

1. New course.

Psychology

TOPICS COGN BEHAV NEURO (C-5)

PSY 765. Seminar in Cognitive and Behavioral Neuroscience (3)

Prerequisite: Advanced master's and doctoral standing in psychology. For students of other programs, must have consent of master's program adviser.

Issues of contemporary importance in the field. See *Class Schedule* for specific content. Course may be repeated provided it is offered by a different instructor and the subject matter is substantially different. To enroll in the seminar for the second time, the student must submit a petition to be approved by the instructor of the course and the master's program adviser. Maximum credit six units applicable to a master's degree.

9.6 Undergraduate Curriculum (Barbone)

Information:

AFRICANA STUDIES

1. Change in program.

Africana Studies Minor (SIMS Code: 110301)

The minor in Africana studies consists of a minimum of 18 units in Africana Studies, of which 12 units must be upper division, to include Africana Studies 101A or 101B and three additional units selected from the courses for preparation for the major, Africana Studies 327, and three units selected from each of the three areas of the major.

Courses in the minor may not be counted toward the major, but may be used to satisfy preparation for the major and general education requirements, if applicable. A minimum of six upper division units must be completed in residence at San Diego State University.

Change: Africana Studies 327 is now required for the minor.

BIOLOGY

1. Change in program.

Biology Major

With the B.A. Degree in Liberal Arts and Sciences

(Major Code: 04011) (SIMS Code: 771402)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Biology Major

With the B.S. Degree in Applied Arts and Sciences

(Major Code: 04011) (SIMS Code: 771401)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Emphasis in Cellular and Molecular Biology

(SIMS Code: 771433)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Emphasis in Ecology

(SIMS Code: 771434)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. A computer programming course (e.g. Computer Science 107) is recommended. (37 units)

Emphasis in Evolution and Systematics

(SIMS Code: 771435)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Emphasis in Marine Biology

(SIMS Code: 771436)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Emphasis in Zoology

(SIMS Code: 771438)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Microbiology Major

With the B.A. Degree in Liberal Arts and Sciences

(Major Code: 04111) (SIMS Code: 771452)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Microbiology Major

With the B.S. Degree in Applied Arts and Sciences

(Major Code: 04111) (SIMS Code: 771451)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L; Mathematics 124; Physics 180A, 180B, 182A, 182B. (37 units)

Emphasis in Clinical Laboratory Science and Public Health Microbiology

(SIMS Code: 771450)

Preparation for the Major. Biology 203, 203L, 204, 204L, 215; Chemistry 200, 201, 232, 232L, 251; Mathematics 124; Physics 180A, 180B, 182A, 182B. (42 units)

Change: Addition of Mathematics 124 to replace Mathematics 121 and 122.

CHICANA AND CHICANO STUDIES

1. Change in course title, prerequisite, and description.

Chicana and Chicano Studies

CCS 340A. Gender, Sex, and Politics in Colonial Mexico (3)

GENDER COLONIAL MEXICO (C-2)

Prerequisites recommended: Chicana and Chicano Studies 141A or 350A.

History of Mexican women under Spanish colonial rule. Women's agency and diversity of experiences, as they relate to class, race, religion, and sexuality. Non-heteronormative (LGBTQ) sexualities.

Change: More concise description.

CIVIL ENGINEERING

1. Change in prerequisite.

Civil Engineering

CIV E 321. Structural Analysis I (3)

Prerequisites: Civil Engineering 301 (or Mechanical Engineering 304) and credit or concurrent registration in Civil Engineering 302. Approved upper division engineering major, minor, or another major approved by the College of Engineering. **Proof of completion of prerequisites required:** Change of major form or other evidence of acceptable major code.

Analysis of beams, frames, trusses, and three-dimensional frameworks. Influence lines; deflections; introduction to statically indeterminate structures and moment distribution.

Change: Addition of prerequisite requirements to restrict movement of pre-majors into upper division courses, due to impaction.

2. Change in prerequisite.

Civil Engineering

CIV E 463. Geotechnical Engineering Laboratory (1)

Three hours of laboratory.

Prerequisite: Credit or concurrent registration in Civil Engineering 462.

Laboratory procedures of soil testing for geotechnical and environmental engineering problems.

Change: Prerequisite can now be satisfied by completion or concurrent registration.

3. Change in prerequisite.

Civil Engineering

CIV E 465. Foundation Engineering and Earth Retaining Structures (3)

Prerequisite: Civil Engineering 462.

Soil mechanics theories applied to design of shallow and deep foundations; lateral pressure of soils, design of retaining walls.

Change: Civil Engineering 463 no longer necessary as a prerequisite.

4. Change in program.

Civil Engineering Major

With the B.S. Degree

(Major Code: 09081) (SIMS Code: 442001)

Professional Electives. Elective course choices must consist of at least one course from at least four of the six areas.

Environmental – Environmental Engineering 363, 441, 442, 556, 558.

Change: Removal of Environmental Engineering 554 as an environmental professional elective.

COMPARATIVE LITERATURE

1. Change in program.

**Comparative Literature Major
With the B.A. Degree in Liberal Arts and Sciences**

(Major Code: 15031)

Paragraphs 1-2 (no change)

Preparation for the Major. *(no change)*

Language Requirement. *(no change)*

Graduation Writing Assessment Requirement. *(no change)*

Major. (33 units):

1. Twenty-four units in 400 or 500-level Comparative Literature courses. May include up to six units of literature in a language other than English OR up to six units from the following:
American Indian Studies 300, 430
Africana Studies 365A, 365B, 465
Chicana and Chicano Studies 335, 380, 450
Classics 310, 320, 330, 350
English 450, 550
Philosophy 334
Russian 305A
Theatre 460A, 460B
Women's Studies 352
2. Six units of 500-level English courses (no double-counting of courses).
3. Three units of English 508W.

Consult with the English and Comparative Literature honors program adviser for honors program variation.

Change: Consolidation of major due to reduced faculty size and course offerings.

CONSTRUCTION ENGINEERING

1. Change in prerequisite.

Construction Engineering

CON E 320. Construction Estimating (3)

Two lectures and three hours of laboratory.

Prerequisite: Credit or concurrent registration in Construction Engineering 310.

Approved upper division engineering major, minor, or another major approved by the College of Engineering. **Proof of completion of prerequisites required:** Change of major form or other evidence of acceptable major code.

Identifying and estimating time and cost requirements for construction operations based on drawings and specifications. Use computer applications for estimating.

Change: Addition of prerequisite requirements to restrict movement of pre-majors into upper division courses, due to impaction.

ELECTRICAL ENGINEERING

1. New course.

Electrical Engineering

E E 455. Antenna Theory and Design (3)

ANTENNA THEORY AND DESIGN (C-4)

Prerequisite: Electrical Engineering 440.

Wireless communication system. Fundamental antenna parameters, theory and design of different types of antennas (wire, aperture, broadband, array), and techniques for antenna analysis, fabrication and measurement.

2. New course.

Electrical Engineering

E E 458L. Communications and Digital Signal Processing Laboratory (1)

COMMUNICATION & DSP LAB (C-16)

Three hours of laboratory.

Prerequisite: Credit or concurrent registration in Electrical Engineering 458.

Experiments in modulation techniques, effects of noise on system performance, digital filters, and signal processing. (Formerly numbered Electrical Engineering 558L)

ENGLISH

1. Change in program.

English Major**With the B.A. Degree in Liberal Arts and Sciences****(Major Code: 15011) (SIMS Code: Liberal 112101) and****Applied Arts and Sciences****(SIMS Code: Applied 112111)**Paragraphs 1-4 (*no change*)**Preparation for the Major.** (*no change*)**Language Requirement.** (*no change*)**Graduation Writing Assessment Requirement.** (*no change*)

Major. A minimum of 33 upper division units to include 12 units from module A, 12 units from module B, six units from module C, and three units of electives.

Courses in module A are primarily oriented towards exploring aspects of the development of the English and American literary traditions over time. Courses in module B are primarily oriented towards using literary and cultural studies to engage with a diversity of human societies, viewpoints, and experiences. Courses in module C develop student capacity in scholarly writing, creative writing, editing, and publishing.

- A. Twelve units from the following: English 510, 511, 521-525, 527, 528, 530, 533, 534, 536, 537, 540A, 540B, 541A, 541B, 542-544. Must include at least three units of English 510, 521, 522, 530, 533, 534, 536, 537, 540A, 541A, or 542.
- B. Twelve units from the following: English 405 [or Comparative Literature 405], 501-503, 519, 520, 526, 549, 550, 563, Comparative Literature 440, 445, 451 [or Asian Studies 451], 470, 490, 512-514, 530, 561, 562, 577, 580, 594, 595, 596. Must include at least three units of Comparative Literature.
- C. Six units from the following: English 508W, 570, 571, 573, 576, 577, 579, 580, 581W, 584W. Must include at least three units of English 508W.
- D. Three units of upper division English or Comparative Literature courses.

English Honors Variation. Three additional units of upper division English or Comparative Literature electives, with consent of the undergraduate adviser; and English 499 (Honors Thesis Seminar). (39 units)

Change: New course structure better aligns with student learning outcomes for this major.

2. Change in program.

English Major

In preparation for the Single Subject Teaching Credential in English Language Arts (Major Code: 15011) (SIMS Code: 112102)

Paragraphs 1-4 (*no change*)

Preparation for the Major. (*no change*)

Language Requirement. (*no change*)

Graduation Writing Assessment Requirement. (*no change*)

Major. (46 upper division units) Fulfills three units in General Education. Courses within major cannot be double-counted.

9. English 502.
10. English 508W.
11. English 533.
12. For those who took English 250A-250B, select three units from English 510, 530, 534, 536, 537, 540A, 541A, 541B, 542 and three units from English 511, 540B, 543, 544. For those who took English 260A-260B, select six units from English 519, 521, 522, 523, 524, 525.
13. Theatre 310.
14. Linguistics 430 or 530.
15. Linguistics 452*, 454, or 550.
16. Rhetoric and Writing Studies 509 AND Teacher Education 362 must be taken concurrently.
17. Diversity literature course: Three units selected from Africana Studies 365A, 365B, American Indian Studies 430, Chicana and Chicano Studies 380 [or Latin American Studies 380], 450, Comparative Literature 440, 445, 451 [or Asian Studies 451], English 335 [or Chicana and Chicano Studies 335], 450, 519, 520, 550, Theatre 465, Women's Studies 352. (English and Comparative Literature courses and their cross-listed equivalencies may not count as fulfilling General Education IV.C.)
18. One 500-level three unit elective in English or Comparative Literature
19. Choose one of the following specializations (12 units):
Literature: Twelve units in any 500-level courses in English or Comparative Literature.
English and American Literature: Twelve units in any 500-level courses in English.
Comparative Literature: Twelve units of any 500-level courses in Comparative Literature.
Written Expression: Twelve units selected from English 570-584W, Rhetoric and Writing Studies 500W.
Linguistics: Twelve units from Group A (ESL emphasis): Linguistics 452*, 454, 550*, 554*, 555* or Group B (English language linguistics emphasis): Linguistics 410, 420, 551, 552*, 554*, 571.
Theatre: Twelve units from Theatre 325*, 359*, 510, 580*.
Journalism: Twelve units from Journalism and Media Studies 300, 408, 460, 480.

*Additional prerequisites required.

Consult with the English and Comparative Literature honors program adviser for honors program variation.

Change: Updates major to adjust to reduced faculty size. Creation of a Comparative Literature specialization due to the elimination of the Single Subject Comparative Literature major.

ENVIRONMENTAL ENGINEERING

1. Change in prerequisite.

Environmental Engineering

ENV E 355. Environmental Engineering (3)

Prerequisite: Chemistry 202 (or 200). Approved upper division engineering major, minor, or another major approved by the College of Engineering. **Proof of completion of prerequisites required:** Change of major form or other evidence of acceptable major code.

Causes and effects of environmental problems and engineering methods to control them.

Change: Addition of prerequisite requirements to restrict movement of pre-majors into upper division courses, due to impaction.

2. New course.

Environmental Engineering

ENV E 356. Environmental Chemistry for Engineers (3)

ENV CHEMISTRY FOR ENGRS (C-4)

Prerequisite: Chemistry 130, 200, or 202, Environmental Engineering 355.

Underlying principles of chemistry needed to solve environmental problems and covers the fundamentals of quantitative water and wastewater analysis, to include statistical analysis. Environmental applications in physical, equilibrium, organic, colloidal and biochemistry concepts.

3. Change in program.

Environmental Engineering Major

With the B.S. Degree

(Major Code: 09221) (SIMS Code: 442002)

Major. A minimum of 45 upper division units to include Environmental Engineering 355, 356, 363, 441, 442, 495, 554, 556, 558; Aerospace Engineering 340; Biology 315; Civil Engineering 444; Construction Engineering 430; Mechanical Engineering 350; and three units of professional electives selected from the following: Chemistry 571, Civil Engineering 445, 462, 463, 530, Geological Sciences 530.

Change: Environmental Engineering 563 will be replaced with 356.

EXERCISE AND NUTRITIONAL SCIENCES

1. Change in course title.

Exercise and Nutritional Sciences

ENS 302. Sociocultural History and Philosophy of Sport (3)

SOCIO-CULT HIST PHIL SPRT

Prerequisites: Credit or concurrent registration in Exercise and Nutritional Sciences 200. Limited to kinesiology premajors and majors. Major Code: 08351.

Integrated approach to understanding of historical, philosophical, and sociological forces shaping development of physical activity and sport.

Change: More concise title to reflect course's stronger sociocultural focus.

FINANCE

1. Change in description.

FIN 240. Legal Environment of Business (3)

Business legal environment system, sources of law, procedures and ethics associated with implementation of law. Law of torts and intellectual property; contracts and sales; agency and employment; negotiable instruments and banking; business organizations.

Change: Description updated to better reflect course content.

HISTORY

1. New course.

History

HIST 390W. Writing in History (3)

WRITING IN HISTORY (C-4)

Prerequisites: History 100, 101, and six units selected from History 105, 106, 109, 110. Limited to History majors. Satisfies Graduation Writing Assessment Requirement for students who have completed 60 units; completed Writing Placement Assessment with a score of 8 or higher (or earned a C or higher in RWS 280, 281, or LING 281 if score on WPA was 7 or lower); and completed General Education requirements in Composition and Critical Thinking. **Proof of completion of prerequisites required:** Test scores or verification of exemption; copy of transcript.

Practice of different genres of historical writing in one field of history (chosen by instructor), mastery of library skills, citations, academic integrity, source evaluation, pre-writing, and drafting, critiquing, and revising.

2. New course.

History

HIST 400. Junior Seminar in Methods and Historiography (3)

JR SEMINAR METHODS & HIST (C-5)

Prerequisites: History 100, 101, and six units selected from History 105, 106, 109, 110. Must be a declared history major. Completion of Writing Placement Assessment with a score of 10, or completion of History 390W or another approved upper division writing course (W) with a grade of C (2.0) or better; completion of General Education requirements in Composition and Critical Thinking. **Proof of completion of prerequisites required:** Test scores or verification of exemption; copy of transcript.

Study and practice of historical methods and historiography through writing and discussion. Historical methods, argumentation, interpretation in one field of history (chosen by instructor). Production of a substantial historiographical essay.

3. Delete existing course.

History

HIST 400W. Historian's Craft (3)

Prerequisites: Twelve units in history including History 100, 101, and six units selected from History 105, 106, 109, 110. Satisfies Graduation Writing Assessment Requirement for students who have completed 60 units; completed Writing Placement Assessment with a score of 8 or higher (or earned a C or higher in RWS 280, 281, or LING 281 if score on WPA was 7 or lower); be a declared history major; and completed General Education requirements in Composition and Critical Thinking. **Proof of completion of prerequisites required:** Test scores or verification of exemption; copy of transcript.

Theory and practice of history through writing. Historical theory, use of evidence, research methods, bibliography, historiography, and historical interpretation in some field of history.

4. New course.

History

HIST 450. Senior Seminar in Historical Research (3)

SR SEMINAR HIST RESEARCH (C-5)

Prerequisites: History 400 with a grade of C (2.0) or better and a minimum of 15 upper division units in history. **Proof of completion of prerequisites required:** copy of transcript.

Capstone seminar on historical research. Application of historical theory and methods to original research in a selected field of history. Includes a major research paper based on primary sources.

5. Delete existing course.

History

HIST 450W. The Writing of History (3)

Prerequisites: History 400W with a grade of C (2.0) or better and a minimum of 15 upper division units in history. Satisfies Graduation Writing Assessment Requirement for students who have completed 60 units; completed Writing Placement Assessment with a score of 8 or higher (or earned a C or higher in RWS 280, 281, or LING 281 if score on WPA was 7 or lower); and completed General Education requirements in Composition and Critical Thinking. Proof of completion of prerequisites required: Test scores or verification of exemption; copy of transcript.

Historical methods and research in selected aspects of history. Includes a major research paper based on primary sources.

6. Change in program

History Major**With the B.A. Degree in Liberal Arts and Sciences****(Major Code: 22051) (SIMS Code: 113301)**

Graduation Writing Assessment Requirement. Passing the Writing Placement Assessment with a score of 10, or completing History 390W or another approved upper division writing course (W) with a grade of C (2.0) or better. See "Graduation Requirements" section for a complete listing of requirements.

All other description sections (no change)

LIBERAL STUDIES

1. New course.

Liberal Studies

LIB S 350. International Experience-Field Work (1) Cr/NC

(Offered only in the College of Extended Studies)

INTL EXPERIENCE-FIELDWORK (C-8)

One unit activity.

Prerequisites: Concurrent registration in a three unit lecture course for faculty led international experience.

International experience. Guided field work with students in the host country to include observations and tutoring suitable to the content of the concurrent three unit lecture course. Maximum credit two units.

2. New course.

Liberal Studies

LIB S 351. International Experience-Mexicali (1) Cr/NC

(Offered only in the College of Extended Studies)

INTL EXPERIENCE-MEXICALI (C-8)

One unit activity.

Prerequisites: Completion of the General Education requirement in Communication and Critical Thinking I.3., Intermediate Composition and Critical Thinking.

International experience in Mexicali, Mexico. History and culture of the region, microcredit businesses to include bee keeping, border issues, and education in Baja California. Includes a service learning project.

MATHEMATICS

1. Change in description.

Mathematics

MATH 150. Calculus I (4) [GE]

Prerequisites: Knowledge of algebra, geometry, and trigonometry as demonstrated by either (1) satisfactory completion of Mathematics 141 with a grade of C (2.0) or above; or (2) satisfaction of the Entry-Level Mathematics requirement and qualification on the Mathematics Departmental Precalculus Proficiency Examination. Proof of completion of prerequisites required.

Algebraic and transcendental functions. Continuity and limits. The derivative and its applications. The integral and the fundamental theorem of calculus. Students with credit or concurrent registration in the following courses will be awarded a total of five units for the two (or more) courses: Mathematics 120, 121, 124, and 150.

Change: Description and prerequisites have changed because Mathematics 120, 121, and 150 overlap and students should not receive full credit for each.

2. Change in prerequisite.

Mathematics

MATH 245. Discrete Mathematics (3) [GE]

Prerequisite: Mathematics 124 or 150. Recommended: Mathematics 151.

Logic, methods of proof, set theory, number theory, equivalence and order relations, counting (combinations and permutations), solving recurrence relations.

Change: Recommending Mathematics 151 as a prerequisite. Students would benefit from completing it prior to Mathematics 245.

3. Change in prerequisite.

Mathematics

MATH 254. Introduction to Linear Algebra (3) [GE]

Prerequisite: Mathematics 151.

Matrix algebra, Gaussian elimination, determinants, vector spaces, linear transformations, orthogonality, eigenvalues, and eigenvectors.

Change: Change in prerequisite to facilitate a higher skill level necessary for this course.

4. Change in prerequisite.

Mathematics

MATH 302. Transition to Higher Mathematics (3)

Prerequisite: Mathematics 141 or 150.

Selected topics in mathematics to emphasize proof writing and problem solving. Intended for those planning to teach secondary school mathematics.

Change: Adds Mathematics 141 as a prerequisite option.

5. Change in prerequisite and course title.

Mathematics

MATH 312. Topics from Elementary Mathematics: Statistics and Probability (3)

Prerequisites: Mathematics 211 and satisfactory performance on Liberal Studies Mathematics Proficiency Assessment.

Topics from statistics and probability. Enrollment limited to future teachers in grades K-8. Not open to students with credit in Mathematics 311.

Change: Update title to better reflect course content. Change prerequisite to reflect assessment instrument's new name. Now offered at main campus as well as IVC.

6. Change in prerequisite and course title.

Mathematics

MATH 313. Topics in Elementary Mathematics: Algebra of Change (3)

Prerequisite: Mathematics 211 and satisfactory performance on Liberal Studies Mathematics Proficiency Assessment.

Capstone course for prospective K-8 teachers. Advanced topics in mathematics selected from algebra, number systems, transformation geometry, and problem solving. Enrollment limited to future teachers in grades K-8.

Change: Update title to better reflect course content. Change prerequisite to be consistent with Mathematics 311 and 312.

7. Change in prerequisite.

Mathematics

MATH 413. Mathematics for the Middle Grades (3)

Prerequisites: Mathematics 313.

Teacher-level look at mathematics taught in middle grades, to include proportional reasoning, rational and real numbers, probability, and algebra. Intended for those planning to teach mathematics in middle grades; cannot be used as part of major or minor in mathematical sciences with exception of major for single subject teaching credential. Students in the SSTC major must receive instructor permission.

Change: Previous senior status prerequisite is no longer necessary. Mathematics 313 will provide better student preparation to this course's content.

8. Change in program.

Mathematics Major

With the B.A. Degree in Liberal Arts and Sciences

(Major Code: 17011) (SIMS Code: 776301)

Additional Lower Division Coursework Required. Mathematics 242 or Computer Science 107, Mathematics 252, Statistics 250. (10 units) Some lower division courses will probably be prerequisite to science courses applied to the major.

Change: Allows students to choose between Computer Science 107 or Mathematics 242 in list of additional lower division coursework required. Also adds Statistics 250.

9. Change in program.

Mathematics Major

With the B.S. Degree in Applied Arts and Sciences**(Major Code: 17031)****Emphasis in Applied Mathematics****(SIMS Code: 776313)**

Additional Lower Division Coursework Required. Computer Science 107, Mathematics 252, Statistics 250. (10 units)

Major. A minimum of 36 upper division units to include Mathematics 337, 521A, 534A, 541; 524 or 543; 531 or 532 or 534B; Statistics 350A or 550 or 551A; and 15 units of electives in mathematics or an area to which mathematics may be applied (approved by the Applied Mathematics adviser) excluding Mathematics 302, 303, 311, 312, 313, 315, 342A, 342B, 413, 414, 509.

Auxiliary Area. A minimum of 10 units (lower or upper division) from an area to which mathematics may be applied. A typical program might be Physics 195, 195L, 196, 196L, 197, 197L; or Chemistry 200, 201, and a course for which these are prerequisite; or Economics 101, 102, 320, 321. The intent is to train the student in an area in some depth. Some latitude may be allowed in the choice of department and mix of courses, but all programs must be approved by the Applied Mathematics adviser. The 10 unit requirement is minimal, and a minor in an approved field is highly recommended.

Change: Substitutes Computer Science 107 for Mathematics 242 in list of additional lower division coursework required. Includes Statistics 550 in the list of elective statistics courses. Reduces the currently required 11 units from an auxiliary area to 10 units.

Emphasis in Computational Science**(SIMS Code: 776322)**

Additional Lower Division Coursework Required. Mathematics 252, Computer Science 107, 108, Statistics 250. (13 units)

Major. A minimum of 39 upper division units to include Mathematics 337, 521A, 524 or 543, 534A, 541; Computer Science 310; at least nine units selected from Computational Science 526, 536, Computer Science 503, 558, Mathematics 336, 525, 532, 537, 542, 543, 544; three units of Mathematics 499 (Senior Project); and nine units of electives in computer science, mathematics, or statistics (approved by the Applied Mathematics adviser) excluding Mathematics 302, 303, 311, 312, 313, 315, 342A, 342B, 413, 414, 509.

Change: Deletes Mathematics 242 from list of lower division courses. Adds Computer Science 310 to list of upper division courses. Moves Mathematics 541 to list required upper division courses. Adds Computational Science 526 and 536, and Computer Science 503 and 558 to list of upper division electives. Move Mathematics 336 to list upper division electives.

Emphasis in Mathematical Finance**(SIMS Code: 776330)**

Additional Lower Division Coursework Required. Mathematics 242 or Computer Science 107, Mathematics 252, Statistics 119 or 250. Accountancy 201, Economics 101 and 102 are required in order to register for the upper division finance courses. (19 units)

Change: Students may now choose between Computer Science 107 or Mathematics 242 in list of additional lower division required coursework.

Emphasis in Science**(SIMS Code: 776348)**

Additional Lower Division Coursework Required. Mathematics 242 or Computer Science 107, Mathematics 252, Statistics 250. (10 units) Some lower division courses will probably be prerequisite to science courses applied to the major.

Change: Students may now choose between Computer Science 107 or Mathematics 242 in list of additional lower division required coursework.

NURSING

1. Change in unit value.

Nursing

NURS 202. Client Assessment (3)

One-and-one-half hours of lecture and 4.5 hours of laboratory.

Prerequisites: Admission to nursing program and concurrent registration in Nursing 206.

Determining and measuring variables relevant to assessment of psychosocial and physical functioning.

Change: Reduction from four units to three.

2. New course.

Nursing

INFO MGMT PROF RELAT (C-4)

NURS 219. Information Management for Professional Relationships (2)

Prerequisite: Admission to the School of Nursing.

Information management in patient care, research, evidence-based practice, outcomes and practice management. Patient/family-provider communication, privacy, security, and ethical decision making on patient care, research, and quality management.

3. New course.

Nursing

PROFESSIONAL FORMATION A (C-4)

NURS 221. Professional Formation A (1)

History of health care and changing roles of nurses in relation to other health professions. Social, cultural, regulatory agencies, and policy affecting patient care.

4. Change in course title and content.

Nursing

NURS ACU & CHRON I (C-4 lecture) (C-16 laboratory)

NURS 300. Nursing Care of the Acute and Chronically Ill Adult and Gerontologic

Patient I (8)

Prerequisites: Nursing 202, 206, 208, 304.

Psychological, social, and physiologic stressors affecting acute and chronic illness and health of adults. Appropriate nursing care and interventions. Not open to students with credit in Nursing 252.

Change: Course revised to include gerontologic and chronic illness content.

5. Changes in unit value and prerequisite.

Nursing

NURS 304. Clinical Pharmacology in Nursing Practice (2)

Prerequisite: Biology 212, 261 and Chemistry 102.

Major classifications of drugs; pharmacological and toxicological activity; clinical applications. Role of nurse in assessment, intervention, and patient education.

Change: Reduction from three units to two. Prerequisites changed due to course will be taught at a different point in the program.

6. New course.

Nursing

HLTH ASSESMENT RN TO BS (C-4 lecture) (C-16 laboratory)

NURS 320. Health Assessment and Health Promotion for RN to BS (4)

Two lectures and six hours of laboratory.

Prerequisites: Admission to the RN to BS program.

Expands the registered nurse's ability to measure and interpret physical, physiologic, and psychosocial functioning. Clinical presentation of disease and disability. Evidence-based practice guidelines for health promotion and disease management.

7. New course.

Nursing

PROFESSIONAL FORMATION B (C-4)

NURS 321. Professional Formation B (1)

Prerequisite: Nursing 221.

Virtue ethics, California Nurse Practice Act, and American Nurses Association Code of Ethics. Societal expectations, obligations, professional requirements, legal decisions, and clinical realities.

8. Change in prerequisite.

Nursing

NURS 354. Nursing Care of the Childbearing Family (5)

Two-and-one-half hours of lecture and 7.5 hours of laboratory.

Prerequisites: Nursing 202, 206, 208, and 302 or 304.

Family-centered focus encompassing adaptive and maladaptive responses to stressors in the maternity cycle and their effect on the neonate. Clinical laboratory focuses on the application of nursing theory and process in providing preventive, supportive, and restorative care to mothers and neonates.

Change: Prerequisite changes to achieve 120 unit total for the program.

9. Change in prerequisite.

Nursing

NURS 356. Pediatric Nursing (5)

Two-and-one-half hours of lecture and 7.5 hours of laboratory.

Prerequisites: Nursing 202, 206, 208, and 302 or 304.

Stressors affecting the child on health-illness continuum. Nursing theory and laboratory focuses on application of nursing process in providing preventive, supportive and restorative therapeutic modalities in a variety of settings. Emphasis on the child in the family and the necessary intervention to promote adaptation of the child to attain, maintain or regain an optimum level of health.

Change: Prerequisite changes to achieve 120 unit total for the program.

10. Change in course title, prerequisite, and description.

Nursing

NURS ACU & CHRON II (C-4)

NURS 400. Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II (3.5)

Prerequisites: Nursing 300; concurrent registration in Nursing 400L.

Theory in care of adults of all ages who have acute and chronic health concerns leading to complex and high acuity health problems. Not open to students with credit in Nursing 452 or 454.

Change: Course revised to include gerontologic and chronic illness content.

11. Change in course title, prerequisite, and description.

Nursing

NURS ACU & CHRON II LAB (C-16)

NURS 400L. Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II Laboratory (2.5)

Nine hours of clinical practice.

Prerequisites: Nursing 300; concurrent registration in Nursing 400.

Clinical care of adults of all ages who have acute and chronic health concerns leading to complex and high acuity health problems. Not open to students with credit in Nursing 452 or 454.

Change: Course revised to include gerontologic and chronic illness content.

12. Change in prerequisite.

Nursing

NURS 415. Community Health Nursing (3)

Prerequisites: Nursing 202, 208, 300, 304; concurrent registration in Nursing 415L.

Assessment and utilization of community health care concepts and delivery with emphasis on promotion of health, prevention of illness and individual and group teaching techniques. Consideration given to cultural aspects of health care.

Change: Prerequisite changes to achieve 120 unit total for the program.

13. Change in prerequisite.

Nursing

NURS 415L. Community Health Nursing Laboratory (2)

Six hours of laboratory.

Prerequisites: Nursing 202, 208, 300, 304; concurrent registration in Nursing 415.

Laboratory experience in care of clients in the community and nursing of community as client.

Change: Prerequisite changes to achieve 120 unit total for the program.

14. Change in prerequisite.

Nursing

NURS 416. Psychiatric-Mental Health Nursing (5)

Three lectures and six hours of laboratory.

Prerequisites: Admission to the School of Nursing.

Theory and clinical laboratory in application of nursing process to care of clients evidencing maladaptive responses to psychosocial stressors. Presentation of theories describing and explaining maladaptive behaviors and application of nursing interventions in a variety of treatment modalities.

Change: Prerequisite changes to achieve 120 unit total for the program.

15. New course.

Nursing

PROFESSIONAL FORMATION C (C-4)

NURS 421. Professional Formation C (1)

Prerequisite: Nursing 221 and 321.

Current and emerging roles in nursing leadership. Practice environments, expectations of society in these environments, role of health policy and advocacy in leadership, methods to remain current in professional practice.

16. Change in program.

Nursing

Impacted Programs

The nursing majors are impacted programs. To be admitted to the nursing major, students must meet the following criteria:

- a. First-time freshmen must have completed one year of high school college preparatory courses in intermediate algebra, biology, and chemistry with laboratory. Transfer students must have completed the same requirements or equivalent college-level courses;
- b. Complete with a minimum GPA of 3.0: Biology 211, 211L, 212, 261 (Biology 211, 211L, 212, and 261 with a minimum grade of B- in each course)***; Chemistry 102, Communication 103, or Africana Studies 140, or Chicana and Chicano Studies 111A.** These courses cannot be taken for credit/no credit (Cr/NC);
 - c. Have a cumulative GPA of 3.0 or higher.

Students in the nursing program are coded as nursing majors once they successfully complete Biology 211, 211L, 212, 261***, Chemistry 102*, Statistics 250 (or Biology 215 or Psychology 280), Communication 103 (or a course listed under General Education, I.1. Oral Communication)**, Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition), and Rhetoric and Writing Studies 200 (or a course listed under General Education, I.3. Intermediate Composition and Critical Thinking) with the required grades (B- or above for all biology courses, C or above for all others).

To complete the major, students must fulfill the degree requirements for the major described in the catalog in effect at the time they are accepted into the premajor at SDSU (assuming continuous enrollment).

Standards for Admission

Admission to the University

The School of Nursing is an impacted program with more qualified applicants applying than can be accepted into the major. Admission to the School of Nursing is competitive. Students with the highest grade point averages and test scores will be ranked for admission. Students will be admitted according to rank and the number of positions available.

1. Minimum admission requirements for transfer students are:

- a. The Test of Essential Academic Skills (T.E.A.S.): 80% or above overall and in each category;
- b. Cumulative GPA of 3.0 or better;
- c. Successful completion of Biology 211, 211L, 212, 261***, Chemistry 102*, Statistics 250 (or Biology 215 or Psychology 280), Communication 103 (or a course listed under General Education, I.1. Oral Communication)**, Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition), and Rhetoric and Writing Studies 200 (or a

course listed under General Education, I.3. Intermediate Composition and Critical Thinking) or their equivalents with the required grades (B- or above for all Biology courses, C or above for all others).

Admission to the Professional Program in Nursing

1. Prerequisite courses are required for nursing majors before students may begin taking clinical nursing courses. The following course or their equivalents, and course grades are required for admission to the nursing program:
 - a. Course grade requirement (C or better) in each of these required university courses: Chemistry 102*, Communication 103, or Africana Studies 140, or Chicana and Chicano Studies 111A**. Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition), and Rhetoric and Writing Studies 200 (or a course listed under General Education, I.3. Intermediate Composition and Critical Thinking).
 - b. Course grade requirement (B- or better) in each of these required courses: Biology 211, 211L, 212, and 261*** (Note, enrollment in Biology 261 may be concurrent with the start of nursing department courses).
2. **Minimum Grade Point Average.** Students must complete the nine prerequisite courses with a minimum overall grade point average of 3.0. Academic progress must be maintained.
3. **Health Requirement.** *(no change)*
4. **Registered Nurse – Bachelor of Science, Major in Nursing Program.** *(no change)*
5. **Formal Application.** Applicants must make an application to the university according to deadlines for impacted programs. In addition, application to the nursing program must be made during the semester transfer students are completing prerequisites for the nursing program, and for RN to BS students the semester before they wish to enroll. Application forms may be obtained on the School of Nursing website. <http://nursing.sdsu.edu>. Consult the School of Nursing website for deadline date and updated information.

* Upper division transfer students fulfill this course requirement with a CSU GE certified B1 chemistry course (general, organic, inorganic, or integrated).

**Upper division transfer students fulfill this area with any certified CSU GE oral communication (A1) transfer course.

***Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.

Special Instructions

- 1-7 *(no change)*
8. Upon completion of the first year of courses and prior to beginning any clinical nursing department courses, students are required to have a physical examination and bring proof of the examination and required immunizations to Student Health Services.
9-11 *(no change)*

Course Requirements for Licensed Vocational Nurse (L.V.N.) 30 Unit Option

Units		
***	BIOL 211, 211L	Fundamentals of Microbiology
4		
***	BIOL 261	Human Physiology
4		
	NURS 304	Clinical Pharmacology in Nursing Practice
2		
	NURS 312	Concepts in Professional Nursing
		3

NURS 400	Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II	3.5	
NURS 400L	Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II Laboratory	2.5	
@#	NURS 416		Psychiatric-Mental Health Nursing
5			
	NURS 458		Nursing Management and Leadership
3			
	NURS 458L		Nursing Management and Leadership Laboratory
2			
NURS 499	Special Study (elective in the clinical or health focus of student's choice)		1
	Total	30	

*** Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.

Includes geriatric nursing.

@ Includes management/evaluation of patient care.

General Education Requirements

Students will complete a minimum of 49 units in General Education to include a minimum of nine upper division units. No more than 12 units may be used for General Education credit from any one department or academic unit. Upper division transfer students are required to complete an approved CSU General Education pattern. Students seeking a second bachelor's degree in nursing have satisfied all requirements in sections I, II, III, and IV of General Education with their first baccalaureate degree from a regionally accredited association.

I. **Communication and Critical Thinking:** *(no change)*

II. **Foundations of Learning:** 28 units

A. Natural Sciences and Quantitative Reasoning (10 units)

1. Physical Sciences (3units) to be satisfied by:

Chemistry 102 (5 units)

2. Life Sciences (3 units) to be satisfied by:

Biology 212 (4 units)

3. Laboratory (1 unit) to be satisfied by:

Biology 211L

4. Mathematics/Quantitative Reasoning (3 units) to be satisfied by:

Biology 215 (3 units)

Psychology 280 (4 units)

Statistics 250 (3 units) – Recommended

You may **not** use Credit/No Credit grades.

B. Social and Behavioral Sciences (6 units) to be satisfied by:

Psychology 101 (3 units) – Recommended

Sociology 101 (3 units) – Recommended

C. Humanities (12 units) *(no change)*

III. **American Institutions:** *(no change)*

IV. **Explorations of Human Experience: Courses in this area must not be taken sooner than the semester in which you achieve upper division standing (60 units passed). Upper division courses in the major department may not be used to satisfy General Education.**

Nine units to include Philosophy 330 and six upper division units in Humanities OR three upper division units in Humanities and three upper division units in Social and Behavioral Science, OR three upper division units in Humanities and three upper division units in Natural Sciences. Three units must be selected from a course of cultural diversity. Refer to

General Education course offerings in the Graduation Requirements section of the catalog and to the course guidelines provided during program orientation.

Nursing Major

With the B.S. Degree in Applied Arts and Sciences

(Major Code: 12031) (SIMS Code: 554603)

All candidates for a degree in applied arts and sciences must complete the graduation requirements listed in the section of this catalog on "Graduation Requirements."

A minor is not required with this major.

Nursing majors may be part-time students in the curriculum. Consultation with the undergraduate adviser is mandatory. Students in the nursing program are coded as nursing majors once they successfully complete Biology 211, 211L, 212, 261***, Chemistry 102*, Statistics 250 (or Biology 215 or Psychology 280), Communication 103 (or a course listed under General Education I.1. Oral Communication)**, Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition), and Rhetoric and Writing Studies 200 (or a course listed under General Education, I.3. Intermediate Composition and Critical Thinking), with the required grades (B- or above for all biology courses, C or above for all others).

**Upper division transfer students fulfill this course requirement with any certified CSU GE oral communication (A1) transfer course.

***Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.

NOTE: A grade of C (2.0) or better is required in all nursing courses. No nursing course may be repeated more than once. A grade of C (2.0) or better or Credit (Cr) is required in statistics. A grade of B- (2.7) or better is required in all biology courses.

Progress in the nursing program is dependent upon completion of nursing courses each semester. Students will not be permitted to progress to the next semester until nursing courses are completed from the previous semester.

Graduation Writing Assessment Requirement. *(no change)*

International Experience. *(no change)*

Major. A minimum of 41 upper division units in nursing to include Nursing 300, 304, 307, 321, 354, 356, 400, 400L, 415, 415L, 416, 421.

Registered Nurse – Major in Nursing Program

With the B.S. Degree in Applied Arts and Sciences

(Major Code: 12032) (SIMS Code: 554604)

Paragraphs 1-5 *(no change)*

Program

The following upper division nursing courses are required of all RN-BS candidates:

Units	
NURS 307	Nursing Research
3	
NURS 312	Concepts of Professional Nursing
3	
NURS 320	Health Assessment and Health Promotion for RN to BS
4	

NURS 400 Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II

AND		
NURS 400L	Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II Laboratory	2.5
	OR	
	NURS 499 Special Study	
	3-3	
	NURS 415 Community Health Nursing	
	3	
	NURS 415L Community Health Nursing Laboratory	
	2	
	NURS 458 Nursing Management and Leadership	
	3	
	NURS 458L Nursing Management and Leadership Laboratory	
	2	

Change: Revision of curricula to reduce major to 120 units.

NUTRITION

1. Change in prerequisite.

Nutrition

NUTR 205. Introduction to Science of Food (4)

Two lectures and six hours of laboratory.

Prerequisites: Grade of C or better in Chemistry 100. Credit or concurrent registration in Chemistry 130.

Composition, preparation, preservation, sensory and consumer evaluation of foods.

Change: Revised prerequisite better matches course demands and requirements.

2. Change in course number.

Nutrition

NUTR 401. Advanced Science of Food (3)

Prerequisites: Nutrition 205 and Biology 211, 211L. **Proof of completion of prerequisites required:** Copy of transcript.

Physical, chemical, nutritional, and functional properties and quality attributes of foods and food additives; food handling, changes and interactions of food components induced by processing and storage; food laws, regulations, legislation, and food safety issues. (Formerly numbered Nutrition 301.)

Change: Course number updated to better align with curriculum sequence.

3. Change in prerequisite.

Nutrition

NUTR 404. Food Systems Management (3)

Prerequisite: Credit or concurrent registration in Nutrition 303.

Managerial functions in food service systems.

Change: Changing prerequisite to “or concurrent registration” facilitates academic progress.

4. Change in prerequisite.

Nutrition

NUTR 405. Experimental Food Science and Technology Laboratory (2)

Six hours of laboratory.

Prerequisite: Credit or concurrent registration in Nutrition 401.

Application of principles and methods of physical and sensory evaluation and food component analysis to conventional and fabricated foods; effects of additives and ingredient variations; project studies; data interpretation and report writing.

Change: Course number updated in prerequisite. Changing prerequisite to “or concurrent registration” facilitates academic progress.

SPEECH, LANGUAGE, AND HEARING SCIENCES

1. Change in course title and description.

Speech, Language, and Hearing Sciences

SLHS 106. Introduction to Speech, Language, and Hearing Sciences (3)

Orientation to field of speech-language pathology and audiology, to include scope of practice, professional issues, and research in speech, language, and hearing sciences.

Change: Title and description updated to better reflect course content.

Discussion:

Senator Donadey: Does this reflect a change in requirements for biology? **Barbone:** No, it does not. The purpose of changes in Nursing is to align with 120 units. **Senator Verity:** How was this done? **Barbone:** Started with 138 units, but based on the Chancellor’s order they needed to get to 120. There was much overlap, and it was tough to get down. Nursing is going to direct admit as well. It was reconfigured by deleting units, not General Education or curriculum. **Barbone:** Some programs are exempt from 120 units.

Motion carries

10. Other Information Items

11. Adjournment

The Senate adjourned at 3:05 p.m.

Respectfully submitted:

Chuck Goehring
Secretary of the Senate

Allison Bobrow
Administrative Analyst